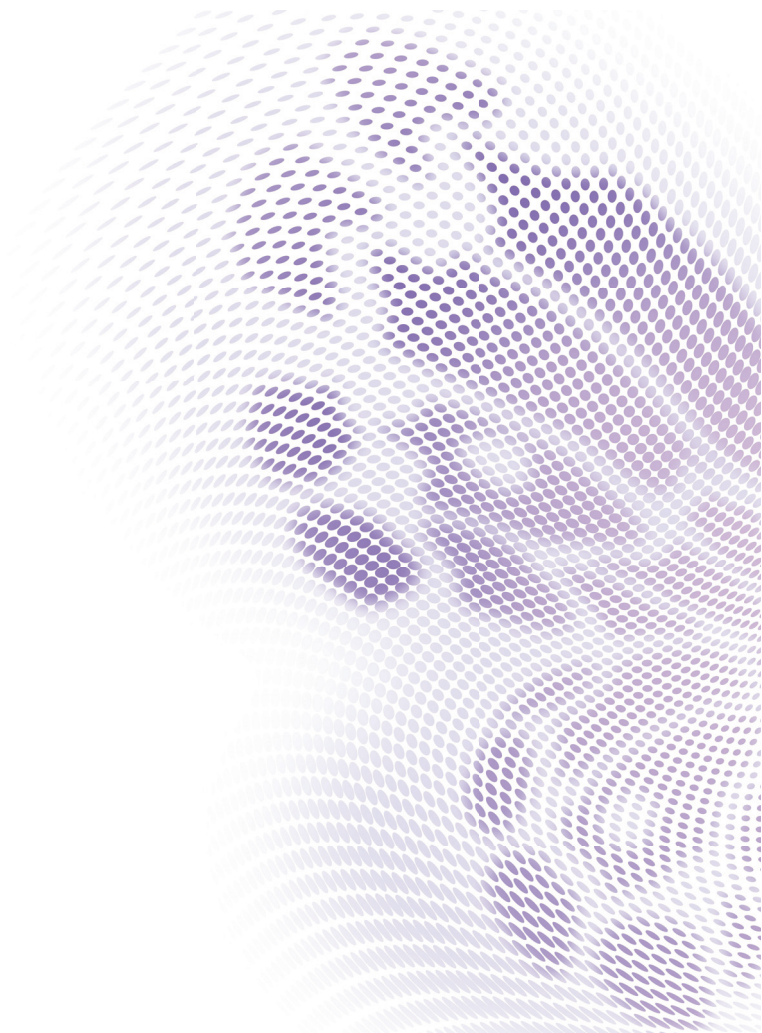




Joybee GP3  
Mini Projector  
User Manual



# Table of contents

## Important safety

### instructions ..... 3

### Introduction..... 7

Projector features ..... 7

Shipping contents ..... 8

Projector exterior view..... 10

Controls and functions ..... 11

## Positioning your

### projector ..... 18

Obtaining a preferred projected image size..... 18

### Connection ..... 20

Connecting the power ..... 20

Connecting a computer ..... 25

Connecting Video source devices..... 27

Connecting an HDMI source device .. 28

Connecting a Component Video source device ..... 29

Connecting a Composite Video source device ..... 30

Connecting an iPhone/iPod device..... 31

Connecting an external speaker ..... 32

Connecting a wireless dongle ..... 32

Connecting to an external memory device ..... 33

Playing sound through the projector.. 35

### Operation ..... 36

Starting up the projector ..... 36

Switching input signal ..... 36

Adjusting the projected image ..... 37

Hiding the image..... 39

Securing the projector ..... 39

Selecting the aspect ratio ..... 41

Optimizing the image..... 41

Operating in a high altitude environment..... 44

Adjusting the sound ..... 44

Firmware upgrade ..... 46

Personalizing the projector menu display ..... 46

Playing files with iPhone/iPod..... 47

Using iPhone/iPod pop-up menus ..... 55

Displaying images with PC and Video source devices..... 58

Using PC/ Video pop-up menus ..... 59

Displaying files with internal memory, USB Drive and SD card..... 62

Using USB Streaming ..... 71

Using Wireless Streaming..... 73

Settings menu ..... 82

Shutting down the projector ..... 90

### Maintenance ..... 91

Care of the projector ..... 91

### Troubleshooting..... 93

### Specifications..... 94

Projector specifications..... 94

Dimensions ..... 96

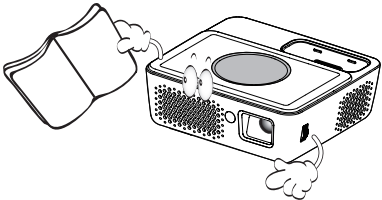
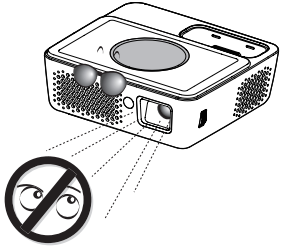
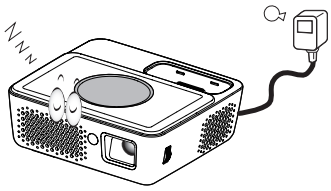
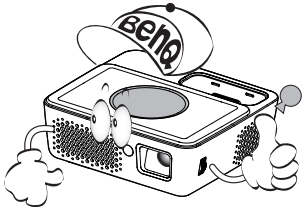
Timing chart..... 96

Supported timing for HDMI input..... 97

### Warranty and Copyright information ..... 99

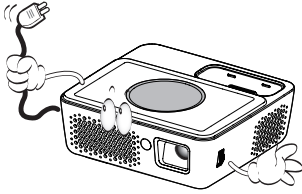
# Important safety instructions

Your projector is designed and tested to meet the latest standards for safety of information technology equipment. However, to ensure safe use of this product, it is important that you follow the instructions mentioned in this manual and marked on the product.

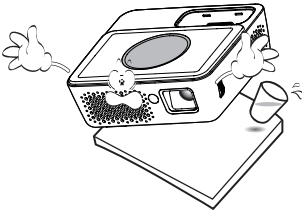
Safety Instructions	
<p>1. <b>Please read this manual before you operate your projector.</b> Save it for future reference.</p> 	<p>4. In some countries, the line voltage is NOT stable. This projector is designed to operate safely within a mains voltage of 19 volts DC, but could fail if power cuts or surges of <math>\pm 10</math> volts occur. <b>In areas where the mains voltage may fluctuate or cut out, it is recommended that you connect your projector through a power stabilizer, surge protector or uninterruptible power supply (UPS).</b></p>
<p>2. <b>Do not look straight at the projector lens during operation.</b> The intense light beam may damage your eyes.</p> 	
<p>3. <b>Refer servicing to qualified service personnel.</b></p> 	<p>5. Do not block the projection lens with any objects when the projector is under operation as this could cause the objects to become heated and deformed or even cause a fire.</p>

## Safety Instructions (Continued)

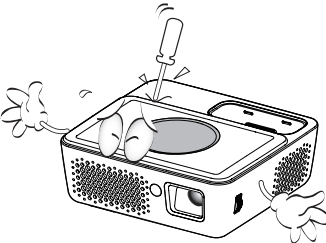
6. Never replace any electronic components unless the projector is unplugged.



7. Do not place this product on an unstable cart, stand, or table. The product may fall, sustaining serious damage.



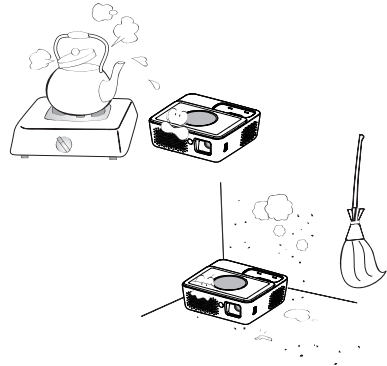
8. Do not attempt to disassemble this projector. There are dangerous high voltages inside which may cause death if you should come into contact with live parts. Refer servicing only to suitably qualified professional service personnel.



9. When the projector is under operation, you may sense some heated air and odor from its ventilation grill. It is a normal phenomenon and not a product defect.

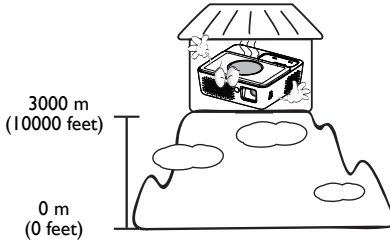
10. Do not place this projector in any of the following environments.

- Space that is poorly ventilated or confined. Allow at least 50 cm clearance from walls and free flow of air around the projector.
- Locations where temperatures may become excessively high, such as the inside of a car with all windows rolled up.
- Locations where excessive humidity, dust, or cigarette smoke may contaminate optical components, shortening the projector's life span and darkening the image.

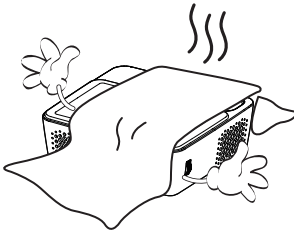


## Safety Instructions (Continued)

- Locations near fire alarms
- Locations with an ambient temperature above 40°C / 104°F
- Locations where the altitudes are higher than 3000 m (10000 feet).

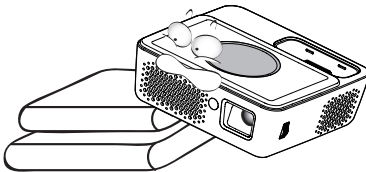


11. Do not block the ventilation holes.
- Do not place this projector on a blanket, bedding or any other soft surface.
  - Do not cover this projector with a cloth or any other item.
  - Do not place inflammables near the projector.

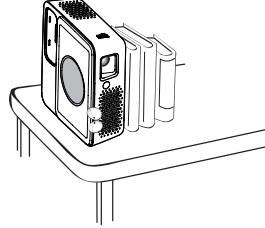


If the ventilation holes are seriously obstructed, overheating inside the projector may result in a fire.

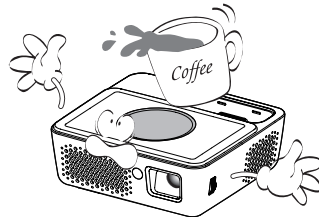
12. Always place the projector on a level, horizontal surface during operation.



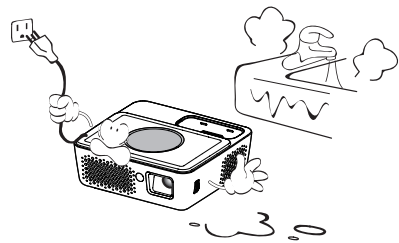
13. Do not stand the projector on end vertically. Doing so may cause the projector to fall over, causing injury or resulting in damage to the projector.



14. Do not step on the projector or place any objects upon it. Besides probable physical damage to the projector, doing so may result in accidents and possible injury.



15. Do not place liquids near or on the projector. Liquids spilled into the projector may cause it to fail. If the projector does become wet, disconnect it from the power supply's wall socket and call BenQ to have the projector serviced.



Safety Instructions (Continued)	
<p>16. Precautions for handling the battery.</p> <ul style="list-style-type: none"><li>- Do not use an unapproved battery. It may explode. Only battery approved by BenQ can be applied to this product.</li><li>- Do not apply a strong force to the battery or attempt to make a hole in the battery.</li><li>- Neither heat the battery nor store it in a place with a high temperature, such as a car interior in the summer.</li><li>- Do not leave battery directly under sunshiner.</li><li>- Do not let the battery get wet.</li><li>- Do not let your child or pet suck or hold the battery in his mouth.</li><li>- Do not let the charging terminal of the battery contact any metal object.</li></ul>	

# Introduction

## Projector features

The projector integrates high-performance optical engine projection and a user-friendly design to deliver high reliability and ease of use.


The projector offers the following features.

- **Advanced LED light source**  
Long lasting LEDs provides a longer life span than traditional lamps.
- **Optical engine with DLP technologies**  
WXGA resolution and a bright picture.
- **Various useful features**  
Supports iPhone/iPod player, multimedia player, document viewer, internal memory, SD card, USB flash drive, USB display, an optional removable and rechargeable battery, PC Display, and Stream to me.
- **Easy to carry**  
The projector is small and light, making it useful for business trips and leisure activities. You can view documents, videos and photos anywhere.
- **Multiple input ports**  
Multiple input ports, including PC, AV, HDMI, USB, and SD card provide flexible connectivity with peripheral devices.
- **Audio input & output**  
Equipped with 2W x 2 speakers with RCA & mini-jack input ports and phone jack output port
- **Convenient menu items**  
Friendly menu is used for all types of inputs, making the projector easy to use.
- ☞ • **The apparent brightness of the projected image will vary depending on the ambient lighting conditions, selected input signal contrast/brightness settings, and is proportional to projection distance.**
- **The lamp brightness will decline over time and may vary within the lamp manufacturers specifications. This is normal and expected behavior.**

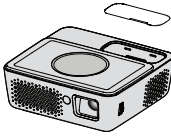
# Shipping contents

Carefully unpack and verify that you have all of the items shown below. If any of these items are missing, please contact your place of purchase.

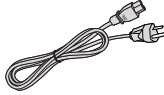
## Standard accessories

 The supplied accessories will be suitable for your region, and may differ from those illustrated.

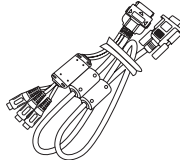
**\*The warranty card is only supplied in some specific regions. Please consult your dealer for detailed information.**



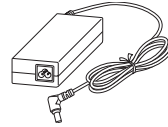
Projector & dock cover



Power cord



Multi-input cable



AC adapter



Safety manual



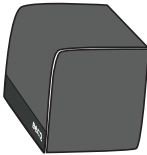
Quick start guide



User manual CD



Warranty card\*



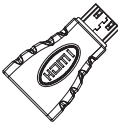
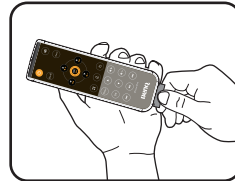
Projector carrying bag



Remote control with battery



**Pull the tab before using the remote control.**



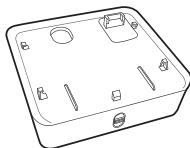
mini HDMI adapter



Wireless dongle



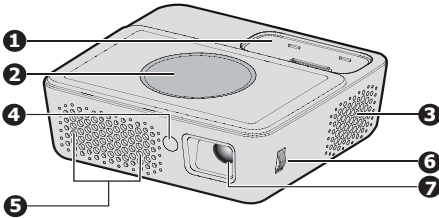
## Optional accessories



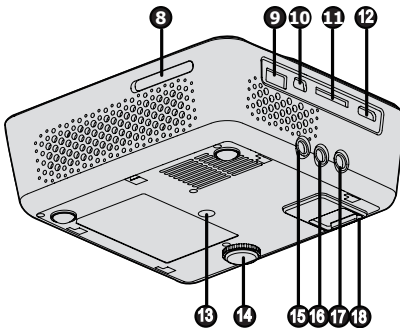
Battery

# Projector exterior view

## Front/upper side



## Rear/lower side

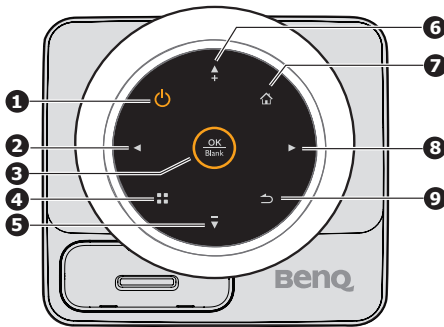


1. iPhone/iPod docking station
2. External control panel  
(See "Projector" on page 11 for details.)
3. Vent (heated air exhaust)
4. Front IR remote sensor
5. Internal Speakers
6. Focus ring
7. Projection lens
8. SD card slot
9. Type A USB jack (for USB drive/ Wi-Fi dongle)
10. Mini-B USB jack
11. Multi-input socket  
RGB (PC)/Component video  
(YPbPr/ YCbCr) /Composite video/  
Audio input (L/R)
12. Mini HDMI input jack
13. Tripod socket
14. Adjuster foot
15. Audio input jack
16. Audio output jack (for iPod dock /  
internal memory / SD card / USB  
Drive / multi-input cable RCA audio  
in)
17. AC adapter inlet
18. Battery latch

 **Do not block the ventilation openings. Blocking the ventilation openings can cause your projector to overheat and may cause it to fail.**

# Controls and functions

## Projector



### 1. **Power**

Toggles the projector between standby mode and on.

See ["Starting up the projector"](#) on page 36 and ["Shutting down the projector"](#) on page 90 for details.

### 2. **Left key**

When the On-Screen Display (OSD) menu is on:

- Navigate left to select the desired menu items.
- Make adjustments. (e.g. brightness, contrast...)

When the On-Screen Display (OSD) menu is off: (Only applied to SD card, internal memory and USB Drive)

- Play previous video and audio file.
- Press and hold to rewind video and audio file.

### 3. **OK/Blank**

Short press:

- Confirms a selected function when a menu is displayed.
- Plays or pauses a video, music, photo slideshow. (Only applied to SD card, internal memory and USB Drive)

Long press (3 seconds):

Toggles the Blank.

### 4. **Menu**

Turns on the Pop-up setting menu.

### 5. **Down/Volume down key**

When the On-Screen Display (OSD) menu is on:

- Navigate to down to select the desired menu items.
- Make adjustments. (e.g. manual keystone...)

When the On-Screen Display (OSD) menu is off: (Only applied to SD card, internal memory and USB Drive)

- Reduces the volume level.

### 6. **Up/Volume up key**

When the On-Screen Display (OSD) menu is on:

- Navigate up to select the desired menu items.
- Make adjustments. (e.g. manual keystone...)

When the On-Screen Display (OSD) menu is off: (Only applied to SD card, internal memory and USB Drive)

- Magnifies the volume level.

**7. Home**

Directly returns to home screen from lower level of OSD.

Exits application/pop-up message and back to home screen directly.

**8. Right key**

When the On-Screen Display (OSD) menu is on:

- Navigate right to select the desired menu items.
- Make adjustments. (e.g. brightness, contrast...)

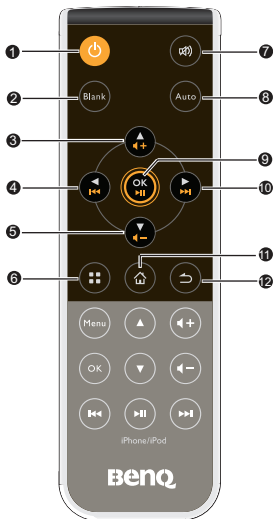
When the On-Screen Display (OSD) menu is off: (Only applied to SD card, internal memory and USB Drive)

- Play next video and audio file.
- Press and hold to fast forward video and audio file.

**9. Back**

Goes back to previous OSD menu, exits and saves menu settings.

# Remote control



1. **POWER**  
Toggles the projector between standby mode and on. See ["Starting up the projector" on page 36](#) and ["Shutting down the projector" on page 90](#) for details.
2. **Blank**  
Toggles Blank on and off. See ["Hiding the image" on page 39](#) for details.
3. **Up/Volume up key**  
When the On-Screen Display (OSD) menu is on:
  - Navigate up to select the desired menu items.
  - Make adjustments. (e.g. manual keystone...)
 When the On-Screen Display (OSD) menu is off: (Only applied to SD card, internal memory and USB Drive)
  - Magnifies the volume level.
4. **Left key**  
When the On-Screen Display (OSD) menu is on:
  - Navigate left to select the desired menu items.
  - Make adjustments. (e.g. brightness, contrast...)
 When the On-Screen Display (OSD) menu is off: (Only applied to SD card, internal memory and USB Drive)
  - Play previous video and audio file.
  - Press and hold to rewind video and audio file.
5. **Down/Volume down key**  
When the On-Screen Display (OSD) menu is on:
  - Navigate to down to select the desired menu items.
  - Make adjustments. (e.g. manual keystone...)
 When the On-Screen Display (OSD) menu is off: (Only applied to SD card, internal memory and USB Drive)
  - Reduces the volume level.
6. **Menu**  
Turns on the Pop-up setting menu.
7. **Mute/unmute**  
Turns on/off volume during video or music playback. (Only applied to SD card, USB Drive, internal memory, iPhone and iPod)
8. **Auto**  
Automatically determines the best picture timings for the displayed computer image. See ["Auto-adjusting the image" on page 37](#) for details.

**9. OK**

Confirms a selected function when a menu is displayed.

Plays or pauses a video, music, photo slideshow. (Only applied to SD card, internal memory and USB Drive)

**10. Right key**

When the On-Screen Display (OSD) menu is on:

- Navigate right to select the desired menu items.
- Make adjustments. (e.g. brightness, contrast...)

When the On-Screen Display (OSD) menu is off: (Only applied to SD card, internal memory and USB Drive)

- Play next video and audio file.
- Press and hold to fast forward video and audio file.

**11. .Home**

Directly returns to home screen from lower level of OSD.

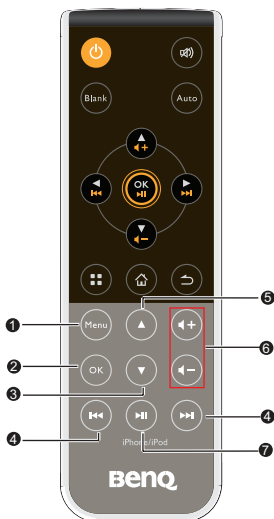
Exits application/pop-up message and back to home screen directly.

**12. Back**

Returns to upper level of OSD.

Closes pop-up setting menu of OSD.

Leave current application of OSD.



## iPhone/iPod

Remote control over iPhone or iPod is not only workable in power-on mode but also standby mode in which GP3 acts as a docking speaker.

### 1. Menu/Back key

<Projector in turn-on mode>

Get back to upper level of file videos or music browser.

<Projector in standby mode>

PRJ act as a docking speaker:

- i. Switch between sub-menu within "Music" or "Videos" menu in iPhone/iPod home screen.
- ii. Get back to upper level of any sub-menu in "Music" or "Videos" menu in iPhone/iPod home screen.

### 2. OK key

<Projector in turn-on mode>

Press to confirm and start to playback a desired video or music.

<Projector in standby mode>

Press to confirm and start to playback a desired video or music in file list of "Music" or "Videos" menu in iPhone/iPod home screen.

### 3. Down key

<Projector in turn-on mode>

Press to scroll down to select a video or music in file browser.

<Projector in standby mode>

PRJ act as a docking speaker:

Press to scroll down to select a video or music within a file list of "Music" or "Videos" menu in iPhone/iPod home screen.

### 4. Previous/Next keys

<Projector in turn-on mode>

- i. During video projection
  - Press to skip to the beginning of the current/next video.
  - Press and hold to rewind/fast-forward the current video.
- ii. During music playback within "iPod" menu:
  - Press to skip to the beginning of the current/next music.
  - Press and hold to rewind/fast-forward the current music.

<Projector in standby mode>

Projector act as a docking speaker./  
During music playback:

- i. Press to "Skip to the beginning of the Current/Next" music.
  - ii. Press and hold to "Rewind/Fast-forward the current" music.
- During video projection or music playback within "iPod" menu:
- i. Press to "Skip to the beginning of the Current/Next" music.
  - ii. Press and hold to "Rewind/Fast-forward the currently playing music".

## 5. **Up Key**

<Projector in turn-on mode>

Press to scroll up to select a video or music in file browser.

<Projector in standby mode>

PRJ act as a docking speaker:

Press to scroll down to select a video or music within a file list of “Music” or “Videos” menu in iPhone/iPad home screen.

## 6. **Volume up/down keys**

Press to adjust iPhone/iPod volume.

## 7. **Play/pause key**

<Projector in turn-on mode>

- i. In iPhone/iPod home screen or during music playback within “Music” menu, press to play/pause music directly.
- ii. During video projection, press to play/pause a “Video”.

<Projector in standby mode>

Projector act as a docking speaker:

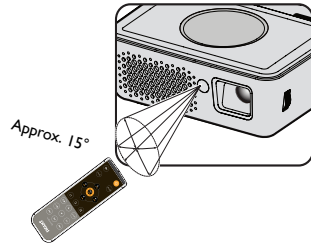
In iPhone/iPod home screen or during music playback within “Music” menu, press to play/pause music directly.



## Remote control effective range


Infra-Red (IR) remote control sensor is located on the front of the projector. The remote control must be held at an angle within 15 degrees perpendicular to the projector's IR remote control sensor to function correctly. The distance between the remote control and the sensor should not exceed 7 meters (~ 23 feet).

Make sure that there are no obstacles between the remote control and the IR sensor on the projector that might obstruct the infra-red beam.



## Replacing the remote control battery

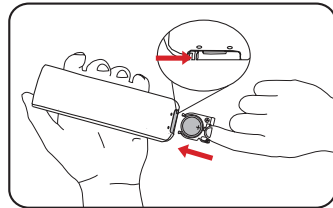
1. Pull out the battery holder.

 Please follow the illustrated instructions. Push and hold the locking arm while pulling out the battery holder.

2. Insert the new battery in the holder. Note the positive polarity should face outward.
3. Push the holder into the remote control.

 **Avoid excessive heat and humidity.**

- There may be battery damage if the battery is incorrectly replaced.
- Replace only with the same or equivalent type recommended by the battery manufacturer.
- Dispose of the used battery according to the battery manufacturer's instructions.
- Never throw a battery into a fire. There may be danger of an explosion.
- If the battery is dead or if you will not be using the remote control for a long time, remove the battery to prevent damage to the remote control from possible battery leakage.

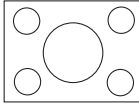


# Positioning your projector

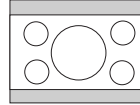
## Obtaining a preferred projected image size

The distance from the projector lens to the screen, the zoom setting (if available), and the video format each factors in the projected image size.

16:10 is the native aspect ratio of this projector.



4:3 aspect image in a 16:10 aspect display area



16:10 aspect image scaled to a 4:3 aspect display area

The projector should always be placed horizontally level (like flat on a table), and positioned directly perpendicular (90° right-angle square) to the horizontal center of the screen. This prevents image distortion caused by angled projections (or projecting onto angled surfaces).

The modern digital projector does not project directly forward (like older style reel-to-reel film projectors did). Instead, digital projectors are designed to project at a slightly upward angle above the horizontal plane of the projector. This is so that they can be readily placed on a table and will project forward and upwards onto a screen positioned so that the bottom edge of the screen is above the level of the table (and everyone in the room can see the screen).

You can see from the diagram on page 19, that this type of projection causes the bottom edge of the projected image to be vertically offset from the horizontal plane of the projector.

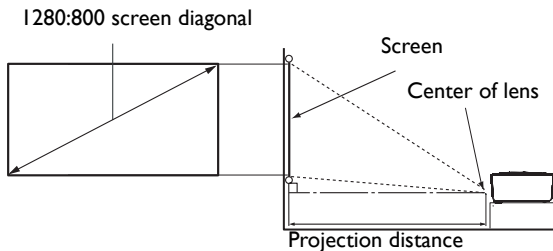
If the projector is positioned further away from the screen, the projected image size increases, and the vertical offset also increases proportionately.

When determining the position of the screen and projector, you will need to account for both the projected image size and the vertical offset dimension, which are proportional to the projection distance.


BenQ has provided a table of screen size to assist you in determining the ideal location for your projector. Refer to "[Projection dimensions](#)" on page 19 depending on the projector you are using. There are two dimensions to consider, the perpendicular horizontal distance from the center of the screen (projection distance), and the vertical offset height of the projector from the horizontal edge of the screen (offset).

# Projection dimensions


Refer to "Dimensions" on page 96 for the center of lens dimensions of this projector before calculating the appropriate position.



1280:800 screen diagonal			Recommended projection distance from screen in mm
Feet	Inches	mm	
			<b>Average</b>
2.00	24	610	621
3.33	40	1016	1034
4.67	56	1422	1448
6.00	72	1829	1862
6.66	80	2032	2069


 All measurements are approximate and may vary from the actual sizes. BenQ recommends that if you intend to permanently install the projector, you should physically test the projection size and distance using the actual projector in situ before you permanently install it, so as to make allowance for this projector's optical characteristics. This will help you determine the exact mounting position so that it best suits your installation location.

# Connection

 In the connections shown below, some cables may not be included with the projector (see "Shipping contents" on page 8). They are commercially available from electronics stores.

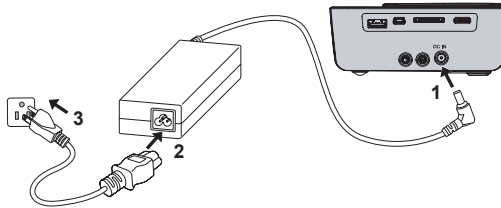
## Connecting the power

Using the provided AC adapter or an optional Lithium-ion rechargeable battery.

 The projector must be used with the provided AC adapter. Damage caused by the use of an incorrect adapter is not covered under the warranty.

### Using the AC adapter

1. Insert the plug from the AC adapter into the DC IN terminal.
2. Insert the appropriate end of the power cord into the AC adapter.
3. Insert the plug on the power cord into a wall outlet. Check that the Power LED indicator on the projector lights orange when using the AC adapter.



### Using the optional battery

The projector must be used with specified Lithium-ion rechargeable battery. Charge the battery before using the projector for the first time use. Using the projector for charging the battery. You may also use the projector when charging the battery. **Please turn off the projector before attaching the battery.**

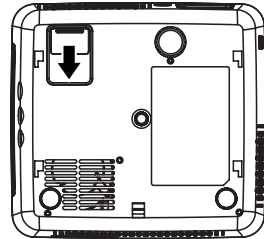
### Charging the battery

When you use the battery, please observe the safety precautions.

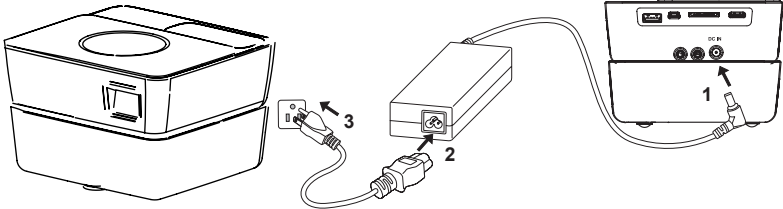
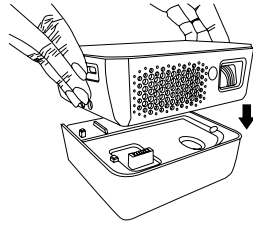
1. Move the battery latch to the open side.

#### CAUTION:

**RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE. DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.**



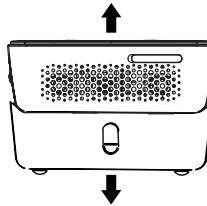
2. Position the projector on the battery.  
When the battery capacity is between 10% and 100%, the battery LED indicator turns off. When the battery capacity is lower than 10%, the battery LED indicator blinks red, and the system will shut down.
3. Match the battery carefully until it fits in place.



4. Insert the plug from the AC adapter into the DC IN terminal.
5. Insert the appropriate end of the power cord into the AC adapter.
6. Insert the plug on the power cord into a wall outlet. The battery LED indicator blinks orange when charging is started and turns into solid orange when charging is completed.

## Removing the battery

Slide the battery lock switches on the two sides to remove the battery from the projector.



## Battery LED indicator behavior

- Battery + Adaptor

Status	Condition	LED color
In charge	Power on / Standby mode	Blue blinking
Charging completed	Power on / Standby mode	Blue solid on



- **We recommend that you keep the battery connected to the projector even when the projector is connected to a wall outlet.**
- **The battery needs to be charged for about 3.5 hours if fully discharged.**
- **While connecting to battery, LED Mode in Settings will be set to Eco, you can play a video from any sources for about 2.5 hours at 150AL when the battery is fully charged. (If you set LED Mode in Settings to Normal, the battery life will be shortened to about 1 hour at 300AL.)**
- **ECO mode is suggested for longer time of projection when the unit is operated only with battery.**
- **The charging time and capacity of the battery differ depending on the battery status, operating condition, and duration of use. The battery consumes power even when the device is not in use. Over time, the maximum operating time gradually shortens.**
- **The battery can be charged for about 300 times. The battery life differs depending on the personal habit of use.**

## Instructions and requirement for handling the battery

- **Recommending usage**

Please read the battery instructions and the label on its surface before use.

Use the battery indoors under normal condition, temperature: (25±3)°C ,absolute humidity: 65±20%

When in use, the battery shall be kept out of heat, high voltage and avoided children's touching. Do not drop the battery.

Use the compatible charger. Do not put the battery into the charger over 24 hours.

Do not contact contactor together. Do not demolish or disassembly the battery by yourself. Do not put the battery in the damp place to avoid danger.

Do not wrap it with conduct material to avoid the damage caused by the direct contact between the metal and battery. Keep the battery in day places.

Well disposed the disused battery. Do not put it into fire or water.

- **Hazard warning**
- **Forbid disassemble batteries**

The battery has protective component and circuit internally to avoid danger. Mishandling such as improper disassembly will destroy its protective function and make it heat, smoke, distort or burning.

- **Forbid short-circuit batteries**

Do not touch the plus and minus contactor with metals. Do not put the battery with metal element together in either storage or movement. If the battery is short-circuit, it carries magnified current, which will cause damage and make the battery heat, smoke, distort or burning.

- **Forbid heat and burn the battery**

If heating or burning the battery, it will caused the isolated element in the battery dissolved, protection function stopped or the electrode burning, over heated, which will make the battery heat, smoke, distort or burning.

- **To avoid use the battery near the heat**

Do not use the battery near the fire and stove, or over 60°C, and over heating will cause the battery internal short-circuit and make it heat, smoke, distort or burning.

- **Forbid bathing the battery**

Do not dampen the battery, or even immerse it in the water, which will cause internal protection circuit and its function lost or abnormal chemical reactions, which will lead to heating, smoking, distortion or burning.

- **Avoid charging near fire or in the sunlight**

Otherwise, it will cause internal protection circuit and its function lost or abnormal chemical reactions, which will lead to heating, smoking, distortion or burning.

- **Danger in using non-indicated chargers in**

Charging in abnormal condition, the battery will cause internal protection circuit and its function lost or abnormal chemical reactions, which will lead to heating, smoking, distortion or burning.

- **Forbid damage battery**

Do not allow damage the battery with the metals gouged, forged or dropped etc. otherwise, it will cause over-heated, distort, smoke or burning, even in danger.

- **Forbid directly welding on the battery**

Over-heated will cause the isolated element dissolved in the battery and losing protective function its cycle life, even will cause over heated, distort, smoke or burning.

- **Forbid directly charging on the power socket or car kit cigarette.**

High voltage and amplified current will damage the battery and reduce its cycle life, even will cause over-heated, distort, smoke or burning.

- **Do not use this battery for other equipment**

Improprate usage will damage the battery and reduce its cycle life, even will cause over-heated, distort, smoke or burning.

- **Do not touch the leaking battery**

The leaking electrolyte will cause the skin uncomfortable. If it drops into eyes, do not rob the eyes but wash in time, and go to hospital for treatment.

- **Warning**

- **Do not mix with other battery**

This battery cannot mix with deposal or twice- recycled batteries in use. Otherwise, for its abnormal charge and discharge, it will cause over-heated, distort, smoke or burning.

Keep the battery out of children's area and prevent them biting or swallowing the battery.

Do not insert the battery onto the charger for a long time If charging beyond the normal time, the battery is still in the charger, please stop charging. The abnormal charging will cause battery over-heated, distort, smoke or burning.

Do not put into microwave stove or any other pressure apparatus Take the battery away from the cellular phone or the charger if it is instant heated or leaking (or odors) and depose it. The bad battery will causes over-heated, smoke or burning.

- **Cautions**

- **Notice**

The battery shall be prevented to be exposed in effulgence so as not to cause over-heated, distort, smoke and weaken its performance and cycle life.

- **Electro static-free**

There is a protective circuit inside the battery to prevent contingency. Do not use the battery in the Electro static circumstances, (above 1000V), for it is easily destroyed the circuit board so that the battery doses not work and causes over-heated, distort, smoke or burning.

- **Discharging temperature range**

Recommended discharging temperature range is 0-60°C, beyond which it will result in decadence of the battery performance and shortness of its life.

- **Read carefully the manual before use or whenever in need.**

- **Charging method**

Use the special chargers in the recommended charging method to charge the battery.

- **First usage**

When you use the battery for its first time, do not put it into the equipment once you find it in unusual conditions such as uncleanliness or odors. The battery should be returned to the vendor.

- **Children use**

When Children use the battery, they should be under their parents' instructions and superintend in use.

- **Avoid children's touch**

Battery should keep out of the area where children in reach. Prevent children taking the battery out of the charger or the equipment to play.

To avoid the leak-out liquid be exposed to the skin or clothes. If touched, please wash by clean water so as not to cause the skin uncomfortable

- **Consultation**

When you buy the battery, please note how to contact with the vendors, so that you may get in touch with vendors for consultation whenever in need.

- **Safety usage guarantee**

If the battery is used on other instruments, please contact with your manufacturer for how to get the best performance, at least consult its maximum current, fast charge and special application.

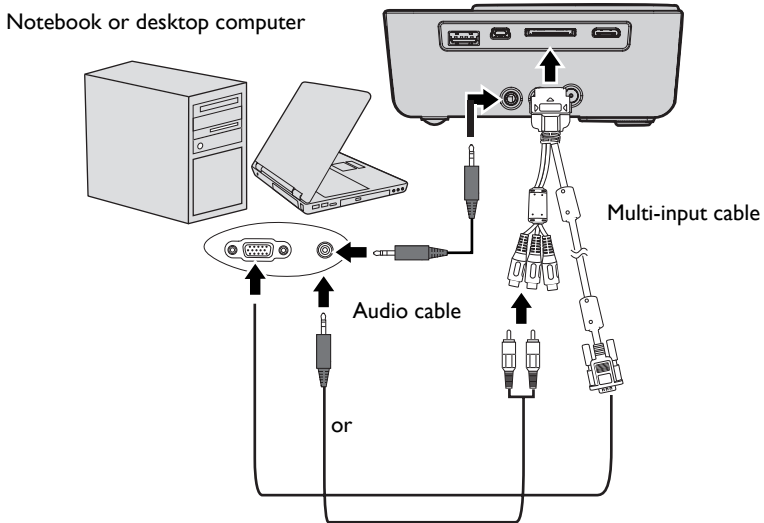


# Connecting a computer

The projector provides a VGA input socket that allows you to connect it to both IBM® compatibles and Macintosh® computers. A Mac adapter is needed if you are connecting legacy version Macintosh computers.

## To connect the projector to a notebook or desktop computer:

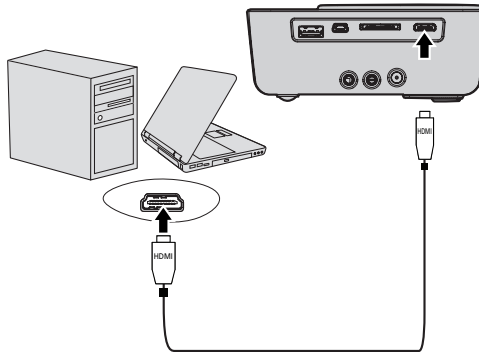
- Using a VGA cable
1. Take the supplied multi-input cable and connect one end to the D-Sub output socket of the computer.
  2. Connect the other end of the multi-input cable to the **PC/AV** socket on the projector.
  3. If you wish to make use of the projector speaker, take a suitable audio cable and connect one end of the cable to the audio output socket of the computer, and the other end to the audio input sockets of the multi-input cable.



**Many notebooks do not turn on their external video ports when connected to a projector. Usually a key combo like FN + F3 or CRT/LCD key turns the external display on/off. Locate a function key labeled CRT/LCD or a function key with a monitor symbol on the notebook. Press FN and the labeled function key simultaneously. Refer to your notebook's documentation to find your notebook's key combination.**

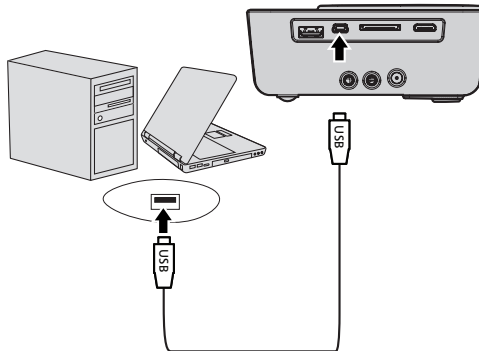
- Using an HDMI cable

1. Take an HDMI cable and connect one end to the HDMI output jack of the computer.
2. Connect the other end of the HDMI cable to the mini HDMI jack on the projector.




- Using a USB cable

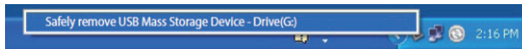
1. Take a USB cable and connect the type A end to the USB output jack of the computer.
2. Connect the mini-B type end of the USB cable to the USB-DISPLAY jack on the projector. When you connect the projector to a computer, you can display computer's image or transfer files from your computer to the internal memory of the projector.




3. If you select USB Display, follow the on-screen message to install the USB driver in your computer first.
4. If you select USB File Transfer, go to My Computer or Windows Explorer to access the projector's files. The projector appears as a Removable Disk. Transfer the files from your computer to the projector by dragging and dropping or copying and pasting.

To disconnect the projector from a computer:

- i. Click  on the Windows Taskbar.
- ii. Click the pop-up message.







- iii. Disconnect the USB cable only when the message says that it is safe to remove the hardware.

-  • **Do not disconnect the USB cable while the files are being copied, as this could result in loss of data or damage to the projector.**
- **The connection will not end if you have projector files open on the computer. Close all projector files and try again.**
- **Other versions of Windows operate similarly. Follow the correct procedure for removing a USB device from your computer safely for your version of Windows.**

## Connecting Video source devices

You need only connect the projector to a Video source device using just one of the above connecting methods, however each provides a different level of video quality. The method you choose will most likely depend upon the availability of matching terminals on both the projector and the Video source device as described below:

Terminal name	Terminal appearance	Picture quality
Mini HDMI	Mini HDMI 	Best
Component Video	VGA 	Better
Video	Video 	Good

-  **If the selected video image is not displayed after the projector is turned on and the correct video source has been selected, check that the Video source device is turned on and operating correctly. Also check that the signal cables have been connected correctly.**

# Connecting an HDMI source device

The projector provides a HDMI input jack that allows you to connect it to an HDMI source device like a Blu-Ray player, a DTV tuner or a display.

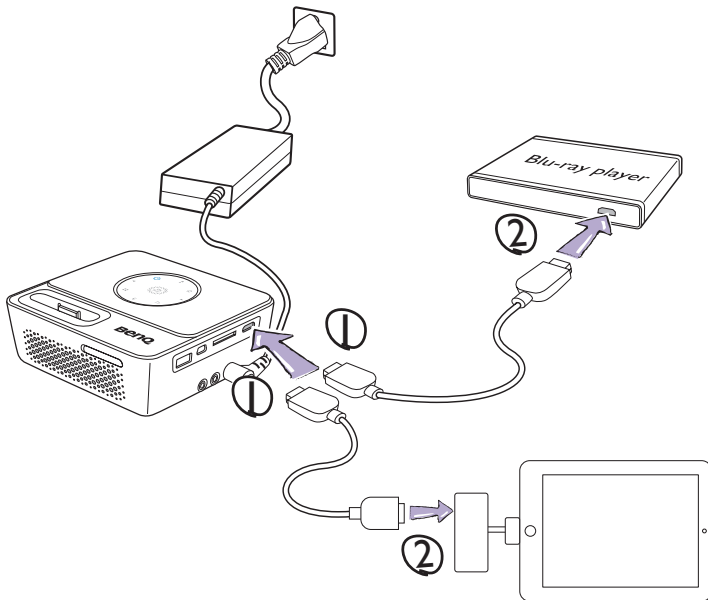
HDMI (High-Definition Multimedia Interface) supports uncompressed video data transmission between compatible devices like DTV tuners, Blu-Ray player and displays over a single cable. It provides pure digital viewing and listening experience.

Examine your Video source device to determine if it has a set of unused HDMI output jacks available:

- If so, you can continue with this procedure.
- If not, you will need to reassess which method you can use to connect to the device.

## To connect the projector to an HDMI source device:

1. Take an HDMI cable and connect one end to the HDMI output jack of the HDMI source device.
2. Connect the other end of the HDMI cable to the **mini HDMI** jack on the projector.



- The HDMI cable (shown in this example) for connection your video output device is not supplied as standard.
- The Apple Digital AV Adapter can be purchased from [www.apple.com](http://www.apple.com).

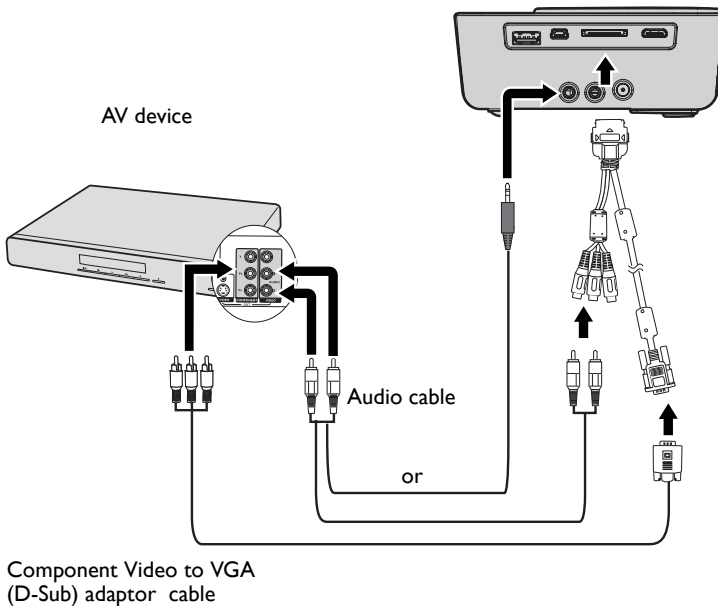
# Connecting a Component Video source device

Examine your Video source device to determine if it has a set of unused Component Video output sockets available:

- If so, you can continue with this procedure.
- If not, you will need to reassess which method you can use to connect to the device.

## To connect the projector to a Component Video source device:

1. Take a Component Video to VGA (D-Sub) adaptor cable and connect the end with 3 RCA type connectors to the Component Video output sockets of the Video source device. Match the color of the plugs to the color of the sockets; green to green, blue to blue, and red to red.
2. Connect the other end of the Component Video to VGA (D-Sub) adaptor cable (with a D-Sub type connector) to the D-Sub jack of the multi-input cable.
3. Connect the other end of the multi-input cable to the **PC/AV** socket on the projector.
4. If you wish to make use of the projector speaker, take a suitable audio cable and connect one end of the cable to the audio output sockets of the Video source device, and the other end to the audio input sockets of the multi-input cable.



- ☞ • **When audio output jack is connected with the earphone or external speaker, the sound will not come out from the projector speaker.**
- **No sound will come out from the speaker or audio output jack if video signals are not input. Besides, the sound cannot be adjusted either.**

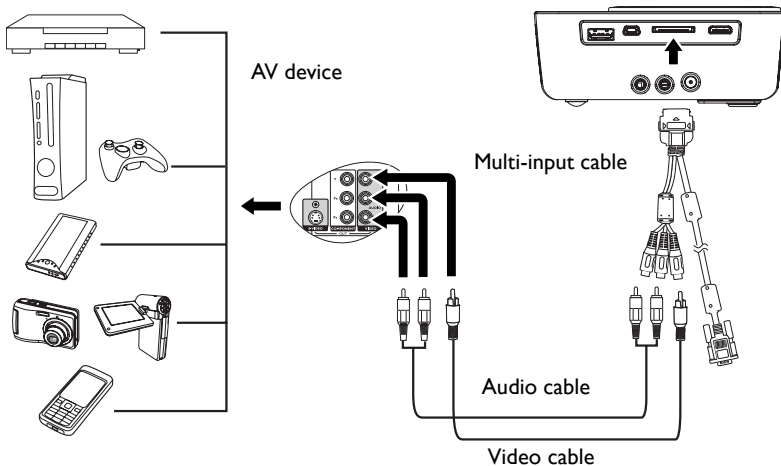
# Connecting a Composite Video source device

Examine your Video source device to determine if it has a set of unused composite Video output sockets available:

- If so, you can continue with this procedure.
- If not, you will need to reassess which method you can use to connect to the device.

## To connect the projector to a composite Video source device:

1. Take a Video cable and connect one end to the composite Video output socket of the Video source device.
2. Connect the other end of the Video cable to the Video jack of the multi-input cable.
3. Connect the other end of the multi-input cable to the PC/AV socket on the projector.
4. Connect the multi-input cable to the **PC/AV** socket on the projector.
5. If you wish to make use of the projector speaker, take a suitable audio cable and connect one end of the cable to the audio output sockets of the Video source device, and the other end to the audio input sockets of the multi-input cable.

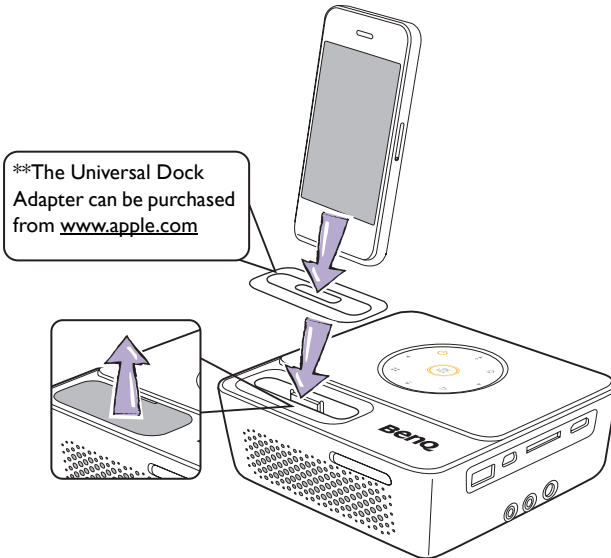


 You need only connect to this device using a composite Video connection if Component Video input is unavailable for use. See "[Connecting Video source devices](#)" on page 27 for details.

# Connecting an iPhone/iPod device

To connect the projector to an iPhone/iPod device:

I. Dock your iPhone/iPod to fit the docking connector.



☞ See **"Playing files with iPhone/iPod"** on page 47 for details.

- Please note that if your iPhone is covered with a protective case, it may cause a bad connection between the iPhone and the projector. When you connect the iPhone to the projector and see the error message displayed on the iPhone screen, please remove the protective case and connect it again. (Because of poor connection and pin detection failure, it cause the command cannot be communicated successfully.)

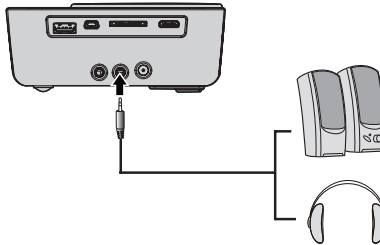



## Connecting an external speaker

You can hear sound through an external speaker instead of the internal speakers built into the projector.

### To connect the projector to an external speaker source device:

1. Connect an appropriate stereo cable to the external speaker and the audio output jack on the projector.

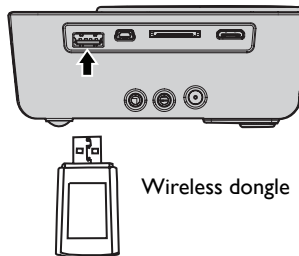


 When the audio cable is connected to the audio output jack, the speaker output is muted.

## Connecting a wireless dongle

With the wireless dongle makes you project the images wirelessly.

Plug the USB storage device into the Type A USB socket and do some steps to set up. See ["Using Wireless Streaming" on page 73](#) for details.



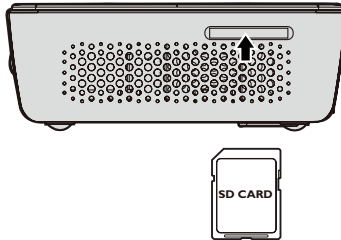


# Connecting to an external memory device

## Connecting an SD card

To connect the projector to an SD card:

1. Connect an SD card to the SD card slot on the projector.

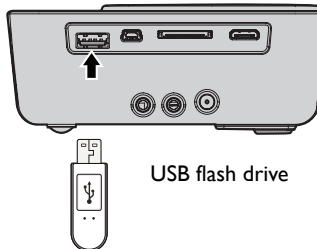


- The maximum memory capacity supported for an SD(HC) card is 16 GB. (The maximum capacity supported for external memory is based on our factory test. Your experience may differ depending on the manufacturer of the memory device.)
- The projector may not be compatible with some SD cards.

## Connecting a USB storage device

To connect the projector to a USB storage device:

1. Plug the USB storage device into the Type A USB socket.





- This product supports USB memory device and HDD (Hard Disk Drive) . Only one and only last one of partitions will be mounted. (The maximum capacity supported for external memory is based on our factory test. Your experience may differ depending on the manufacturer of the memory device.)
- This product does not support multi-card readers.
- This product does not work if the USB storage device is connected by a USB HUB.
- Some products which do not comply with standard USB specifications might not operate normally.
- A USB storage device with an automatic recognition application or its own driver might not operate normally.
- A USB storage device that uses only a designated driver might not be recognized.


- **Recognition speed for USB storage device may vary by device.**
- **Do not turn off the product or pull a connected USB storage device out while the USB storage device is in use. Doing so may result in damage to the USB storage device or stored file.**
- **Use a USB storage device which contains normal files. Abnormal files can cause a malfunction or the files may not play.**
- **USB storages must be formatted in FAT16/FAT32/NTFS. FAT32 and NTFS are recommended for HDD (Hard Disk Drive).**
- **As the data in the USB storage device can be damaged, please back up important data to avoid loss. The user is responsible for data management. BenQ shall not be held liable for any data loss.**
- **File tree in USB storage should be as simple as possible. Too many or too many layers of folders will result in lag of access time.**
- **If an external memory device does not operate after you've connected it to the projector, try to connect it to a PC. If it still does not operate normally, contact the memory device's manufacturer service center or related customer center.**

# Playing sound through the projector

You can make use of the projector speaker in your presentations, and also connect separate amplified speakers to the audio output jack of the projector.

The table below describes the connection methods for different devices, and where the sound is from.

Device	PC/Component video	Video
Audio input jack	Audio input (L/R) AUDIO-IN	Audio input (L/R)
The projector can play the sound from...	Audio input (L/R) AUDIO-IN	Audio input (L/R)
Audio output jack		

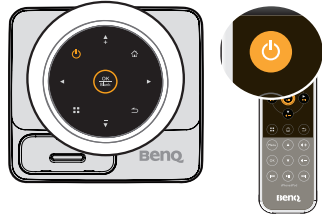
-  • **The selected input signal determines which sound will be played by the projector speaker, and which sound will be output from the projector when audio output jack is connected.**
- **There's no need to connect to an audio input jack because the projector can play the sound from an HDMI, external memory and iPhone/iPod source device. However, you can connect to an external device to play the sound.**
- **USB display doesn't support audio function.**

# Operation

## Starting up the projector

1. Connect the power using the AC adapter or optional battery. The Power LED indicator turns into orange and flashes slowly.
2. Press **Power** on the projector or remote control to start the projector. The Power, **OK** and Ring LED indicators light orange when the projector is on.

The start up procedure takes several seconds. In the later stage of start up, a startup logo is projected.

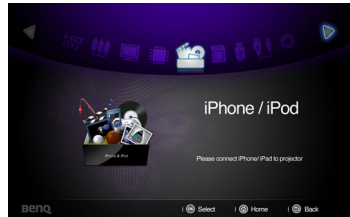


(If necessary) Rotate the focus ring to adjust the image clearness.

3. If the projector is activated for the first time, select your OSD language following the onscreen instructions.
4. If you are prompted for a password, press the arrow keys to enter a six digit password. See "[Utilizing the password function](#)" on page 39 for details.
5. Switch all of the connected equipment on.
6. The projector will display the home screen.



If the frequency/resolution of the input signal exceeds the projector's operating range, you will see the message 'Out of Range' displayed on a blank screen. Please change to an input signal which is compatible with the projector's resolution or set the input signal to a lower setting. See "[Timing chart](#)" on page 96 for details.



## Switching input signal

The projector can be connected to multiple devices at the same time. However, it can only display one full screen at a time.

You can manually cycle through the available input signals. Press **◀/▶** on the projector or remote control to select your desired input signal.



- The input signal type effects the options available for the Picture Mode. See "[Selecting the aspect ratio](#)" on page 41 for details.
- The native display resolution of this projector is in a 16:10 aspect ratio. For best display picture results, you should select and use an input signal which outputs at this resolution. Any other resolutions will be scaled by the projector depending upon the 'aspect ratio' setting, which may cause some image distortion or loss of picture clarity. See "[Selecting the aspect ratio](#)" on page 41 for details.



# Adjusting the projected image

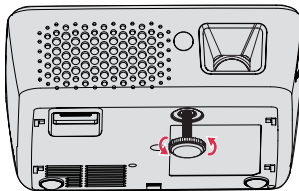
## Adjusting the image height

The projector is equipped with 1 adjuster foot. This adjuster changes the image height. To adjust the projector:

1. Screw the adjuster foot to adjust the image height.

To retract the foot, screw the adjuster foot in a reverse direction.

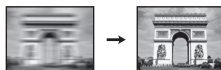
If the projector is not placed on a flat surface or the screen and the projector are not perpendicular to each other, the projected image becomes trapezoidal. To correct this situation, see "[Correcting keystone](#)" on page 38 for details.



- ⚠️ Do not look into the lens while the lamp is on. The strong light from the lamp may cause damage to your eyes.
- Be careful when you screw the adjuster foot as it is close to the exhaust vent where hot air comes from.

## Fine-tuning the image clarity

1. Rotate the focus ring to sharpen the image.



## Auto-adjusting the image

In some cases, you may need to optimize the picture quality.

- Using the remote control

Press **Auto**.

Within 3 seconds, the built-in Intelligent Auto Adjustment function will re-adjust the values of Frequency and Clock to provide the best picture quality.

The current source information will be displayed in the upper left corner of the screen for 3 seconds.

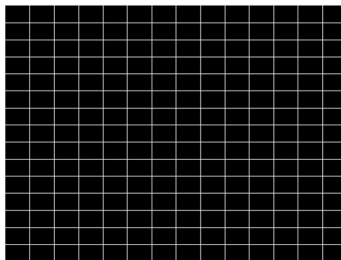


- 📖 This function is only available when PC signal (analog RGB) is selected.

## Using build-in test pattern

You can adjust the image shape and focus status by observing the input signal content, or using the test pattern build-in OSD manual from OSD or remote control for better observe the shape changed.

1. Press ◀ / ▶ until the **Settings** menu is highlighted and then press **OK** to enter.
2. Go to the **Basic > Test Pattern** menu and press **OK** to enter.
3. Select **On** and press **OK**. The **Test Pattern** displays.



## Correcting keystone

Keystoning refers to the situation where the projected image is noticeably wider at either the top or bottom. It occurs when the projector is not perpendicular to the screen. Correcting keystone when an image is displayed on the screen.

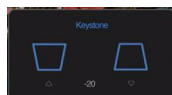
To correct this, besides adjusting the height of the projector, you can follow one of these steps.:

- Using Auto Keystone:
  1. Make sure the projector is in one of the computer, iPhone/iPod, composite video, component and HDMI modes.
  2. Press **⏏** and then press **▼** to highlight **Auto Keystone**.
  3. Press **◀ / ▶** to select **On** to adjust the keystoning of the image automatically.
- Using Keystone:
  1. Press **⏏** and make sure **Auto Keystone** is **Off**.
  2. Press **▼** to highlight **Keystone**. The **Keystone** pop-up menu displays.
  3. Press **▲** to correct keystoning at the top of the image or press **▼** to correct keystoning at the bottom of the image.



Press ◀ / ▼.

Press ▼ / ▲.




 **Keystone can only be set when Auto Keystone is Off.**

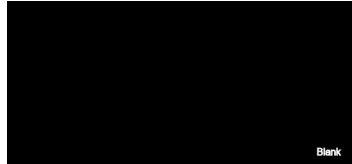
# Hiding the image

In order to draw the audience's full attention to the presenter, you can:

- Using the remote control  
Use **Blank** on the remote control to hide the screen image. Press again **Blank** or any keys on the remote control to restore the image.
- Using the projector  
Press and hold **Blank** for 3 seconds on the projector to hide the screen image. Press again **Blank** or any keys on the projector to restore the image.




 **Do not block the projection lens from projecting as this could cause the blocking object to become heated and deformed or even cause a fire.**



# Securing the projector

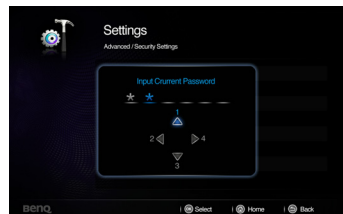
## Utilizing the password function

For security purposes and to help prevent unauthorized use, the projector includes an option for setting up password security. The password can be set through the Settings menu.

 You will be inconvenienced if you activate the power-on lock functionality and subsequently forget the password. Print out this manual (if necessary) and write the password you used in this manual, and keep the manual in a safe place for later recall.

## Setting power on lock

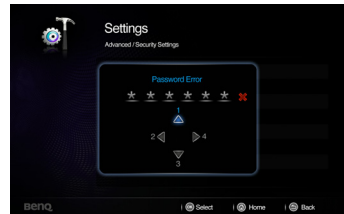
- Once a password has been set, the projector cannot be used unless the correct password is entered every time the projector is started.
  - When setting a password for the projector that its password function is used for the first time, enter the default password (1, 1, 1, 1, 1, 1) of the projector by pressing the arrow key five times if you are prompted for a password.
1. Press **◀/▶** until the **Settings** menu is highlighted and then press **OK** to enter.
  2. Go to the **Advanced > Security Settings > Change Security Settings** menu.
  3. Press **OK**. The message 'Input Current Password' displays.
  4. As pictured to the right, the four arrow keys (**▲**, **▶**, **▼**, **◀**) respectively represent 4 digits (1, 2, 3, 4). Press the arrow keys to enter six digits for the password.
  5. Once the correct password is set, the OSD menu returns to the **Change Security Settings** menu.



6. Highlight **Power on Lock** and press **OK**. The pop-up menu displays. Select **On** and press **OK** to complete power on lock setting.
7. To leave the OSD menu, press  $\rightarrow$  or  $\uparrow$ .

## If you forget the password

If the password function is activated, you will be asked to enter the six-digit password every time you turn on the projector. If you enter the wrong password, the password error message displays lasting for three seconds, and the message **'Input Password'** follows. If you enter an incorrect password 5 times in succession, the projector will automatically shut down in a short time.




## Entering the password recall procedure

1. Go to the **Settings > Advanced > Security Settings > Recall Password** menu or press **OK** for 3 seconds in password input screen every time you turn on the projector. The projector will display a coded number on the screen.
2. Write down the number and turn off your projector.
3. Seek help from the local BenQ service center to decode the number. You may be required to provide proof of purchase documentation to verify that you are an authorized user of the projector.



## Changing the password

1. Go to the **Settings > Advanced > Security Settings > Change password** menu.
2. Press **OK**. The message **'Input Current Password'** displays.
3. Enter the old password.
  - If the password is correct, another message **'Input New Password'** displays.
  - If the password is incorrect, the password error message displays lasting for three seconds, and the message **'Input Current Password'** displays for your retry. You can press  $\rightarrow$  to cancel the change or try another password.
4. Enter a new password.

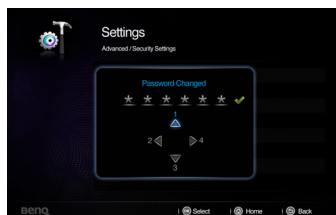
 The digits being input will display as asterisks on-screen. Write your selected password down here in this manual in advance or right after the password is entered so that it is available to you should you ever forget it.

**Password:** \_\_\_\_\_

Keep this manual in a safe place.




5. Confirm the new password by re-entering the new password.
6. You have successfully assigned a new password to the projector. Remember to enter the new password next time the projector is started.
7. To leave the OSD menu, press  $\rightarrow$  or  $\uparrow$ .



## Disabling the password function

To disable password protection, go back to the **Settings > Advanced > Security Settings > Power on Lock** menu. Select **Off** and press **OK**. The message 'Input Password' displays. Enter the current password.

- If the password is correct, the OSD menu returns to the **Security Settings** page with '**Off**' shown in the row of **Power on Lock**. You will not have to enter the password next time you turn on the projector.
- If the password is incorrect, the password error message displays lasting for three seconds, and the message '**Input Password**' displays for your retry. You can press  $\rightarrow$  to cancel the change or try another password.

 **Though the password function is disabled, you need to keep the old password in hand should you ever need to re-activate the password function by entering the old password.**

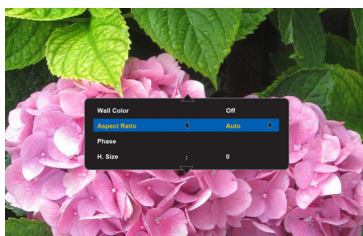
## Selecting the aspect ratio

The 'aspect ratio' is the ratio of the image width to the image height. Most analog TV and computers are in 4:3 ratio, which is the default for this projector, and digital TV and DVDs are usually in 16:9 ratio.

With the advent of digital signal processing, digital display devices like this projector can dynamically stretch and scale the image output to a different aspect than that of the image input signal.

To change the projected image ratio (no matter what aspect the source is):

1. Press  $\square$  to open the pop-up menu in one of the computer, iPhone/iPod, composite video, component and HDMI modes.
2. Press  $\blacktriangledown$  to highlight **Aspect Ratio**.
3. Press  $\leftarrow/\rightarrow$  to select an aspect ratio to suit the format of the video signal and your display requirements.



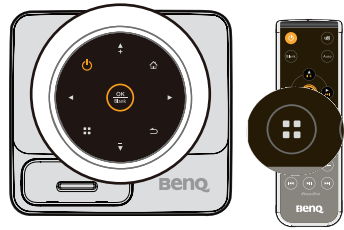
## Optimizing the image

### Selecting a picture mode

The projector is preset with several predefined picture modes so that you can choose one to suit your operating environment and input signal picture type.

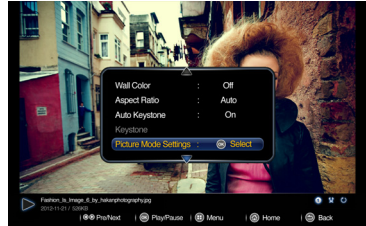
To select an operation mode that suits your need, you can follow one of the following steps.

- Make sure the input source is on computer, iPhone/iPod, composite video, component and HDMI mode and the projection screen is displayed.
- Press **⏏** to open the pop-up menu. Press **▼** to select **Picture Mode Settings** and press **OK** to enter. Select **Picture Mode** and press **◀/▶** to select a desired mode.



The picture modes are listed below.

1. **Bright mode:** Maximizes the brightness of the projected image. This mode is suitable for environments where extra-high brightness is required, such as using the projector in well lit rooms.
2. **Standard mode (Default):** Is designed for presentations. The brightness is emphasized in this mode.
3. **Cinema mode:** Is appropriate for playing colorful movies, video clips from digital cameras or DVs through the PC input for best viewing in a blackened (little light) environment.
4. **Game mode:** Is appropriate for playing games.
5. **User mode:** Recalls the settings customized based on the current available picture modes. See "[Setting the User mode](#)" on page 42 for details.



## Setting the User mode

There is one user-definable modes if the current available picture modes are not suitable for your need. You can use one of the picture modes (except the **User**) as a starting point and customize the settings.

1. Press **⏏** to open the pop-up menu.
2. Press **▼** to select **Picture Mode Settings** and press **OK** to enter.
3. Select **Picture Mode** and press **◀/▶** to select **User**.
4. Press **▼** to highlight **Reference Mode**.

 This function is only available when **User mode** is selected in the **Picture Mode** sub-menu item.

5. Press **◀/▶** to select a picture mode that is closest to your need.
6. Press **▼** to select a sub-menu item to be changed and adjust the value with **◀/▶**. See "[Fine-tuning the image clarity](#)" below for details.
7. When all settings have been done, highlight **Save Settings** and press **OK** to store the settings.
8. The confirmation message '**Setting Saved**' displays.

## Using Wall Color

In the situation where you are projecting onto a colored surface such as a painted wall which may not be white, the Wall Color feature can help correct the projected picture's color to prevent possible color difference between the source and projected pictures.

To use this function, press **⏏** to open the pop-up menu in one of the computer, iPhone/iPod, composite video, component and HDMI modes. Select **Wall Color** and press **◀/▶**

► to select a color which is the closest to the color of the projection surface. There are several precalibrated colors to choose from: Light Yellow, Pink, Light Green, Blue, and Blackboard.

## Fine-tuning the image quality in user mode

According to the detected signal type, there are some user-definable functions available when User mode is selected. Based on your needs, you can make adjustments to these functions by highlighting them and pressing ◀ / ▶ on the projector or remote control.

### Adjusting Brightness

The higher the value, the brighter the image. And the lower the setting, the darker the image. Adjust this control so the black areas of the image appear just as black and that detail in the dark areas is visible.



### Adjusting Contrast

The higher the value, the greater the contrast. Use this to set the peak white level after you have previously adjusted the **Brightness** setting to suit your selected input and viewing environment.



### Adjusting Color

Lower setting produces less saturated colors. If the setting is too high, colors on the image will be overpowering, which makes the image unrealistic.

### Adjusting Tint

The higher the value, the more reddish the picture becomes. The lower the value, the more greenish the picture becomes.

### Adjusting Sharpness

The higher the value, the sharper the picture becomes. The lower the value, the softer the picture becomes.

### Selecting a Color Temperature

There are four options available for color temperature\* settings vary according to the signal type selected.

#### \*About color temperatures:

There are many different shades that are considered to be "white" for various purposes. One of the common methods of representing white color is known as the "color temperature". A white color with a low color temperature appears to be reddish white. A white color with a high color temperature appears to have more blue in it.

## Changing Color Space


In the unlikely event that you connect the projector to a DVD player via the projector's HDMI input and the projected picture displays wrong colors, please change the color space to YUV.

1. Press **⏏** to open the pop-up menu in one of the computer, iPhone/iPod, composite video, component and HDMI modes.
2. Select **Color Space Conversion** and press ◀ / ▶ to select a suitable color space.

👉 This function is only available when the mini HDMI input port is in use.

# Operating in a high altitude environment

We recommend you use the **High Altitude Mode** when your environment is between 1500 m –3000 m above sea level, and ambient temperature is between 0°C–30°C. China region only applies at altitude up to 2000m.

 **Do not use the High Altitude Mode if your altitude is between 0 m and 1499 m and ambient temperature is between 0°C and 35°C. The projector will be over cooled, if you turn the mode on under such a condition.**

To activate the **High Altitude Mode**:

1. Highlight **Settings** and press **OK** to enter.
2. Go to **Advanced > High Altitude Mode** and press **OK**.
3. Highlight **On** and press **OK** to confirm.
4. To leave the OSD, press  $\rightarrow$  until the projector returns to the home screen, or press  $\uparrow$  to go back to the home screen directly.


Operation under "**High Altitude Mode**" may cause a higher decibel operating noise level because of increased fan speed necessary to improve overall system cooling and performance.

If you use this projector under other extreme conditions excluding the above, it may display auto shut-down symptoms, which is designed to protect your projector from over-heating. In cases like this, you should switch to High Altitude mode to solve these symptoms. However, this is not to state that this projector can operate under any and all harsh or extreme conditions.

## Adjusting the sound

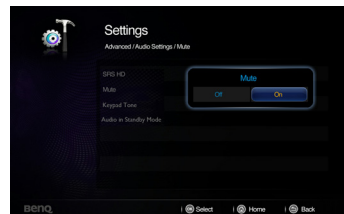
The sound adjustments made as below will have an effect on the projector speaker(s). Be sure you have made a correct connection to the projector audio input. See "[Connection](#)" on page 20 for how the audio input is connected.

### Muting the sound

To temporarily turn off the sound, press  on the remote control, or:



1. Highlight **Settings** and press **OK** to enter.
2. Go to **Advanced > Audio Settings** and press **OK** to enter.
3. Highlight **Mute** and press **OK** to open the pop-up menu.
4. Highlight **On** and press **OK** to confirm.
5. To leave the OSD, press  $\rightarrow$  until the projector returns to the home screen, or press  $\uparrow$  to go back to the home screen directly.



## Adjusting the sound level

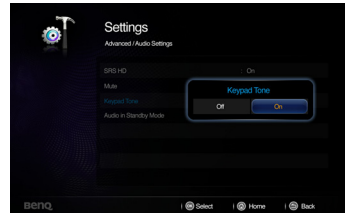
To adjust the sound level, press +/- on the projector or ◀/+/▶ on the remote control,



## Setting the keypad tone

To set the keypad tone:

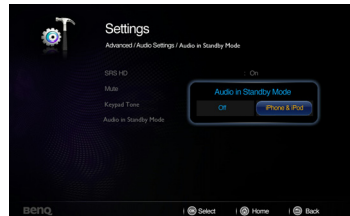
1. Repeat steps 1-2 in Muting the sound section.
2. Highlight **Keypad tone** and press **OK** to open the pop-up menu.
3. Highlight **On** and press **OK** to confirm.
4. To leave the OSD, follow step 5 in Muting the sound section.



## Setting the audio in standby mode

To set the audio in standby mode:

1. Repeat steps 1-2 on muting the sound section.
2. Highlight **Audio in Standby Mode** and press **OK** to open the pop-up menu.
3. Highlight **iPhone& iPod** and press **OK** to confirm. After set on the **Audio in Standby Mode**, the projector can act as a docking speaker when music playback is in standby mode.
4. To leave the OSD, follow step 5 in Muting the sound section.



☞ If **Settings > Advanced > Audio Settings > Audio in Standby Mode** is set to **iPhone/iPod**, the projector can act as a docking speaker when music playback is in standby mode.

## Turning on/off SRS HD

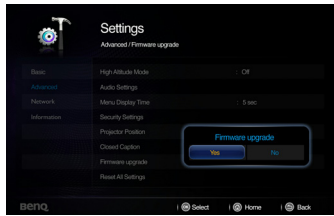
To turn on/off SRS HD surround sound effects:

1. Repeat steps 1-2 on muting the sound section.
2. Highlight **SRS HD** and press **OK** to open the pop-up menu.
3. Highlight **On/Off** and press **OK** to confirm.
4. To leave the OSD, follow step 5 in Muting the sound section.



# Firmware upgrade

Follow below procedures to upgrade firmware version.



- ☞ Only an SD Card is supported for a firmware update.
- Do not remove the SD Card while an update is in progress.
- Do not operate any buttons during the update.
- Do not turn the projector off during the update.
- To confirm that the firmware has been successfully updated, go to **Settings > Information > Firmware version**.

## Updating the firmware

1. Connect the containing the latest firmware to the projector.
2. Select **Settings > Advanced > Firmware Upgrade** in the main menu page.
3. Select **OK** to begin.
4. After the firmware is updated, please turn off the projector.
5. Power on the projector and check the firmware version.

## Personalizing the projector menu display

The On-Screen Display (OSD) menus can be set according to your preferences. The following settings do not affect the projection settings, operation, or performance.

- **Menu Display Time** in the **Settings > Advanced** menu sets the length of time the OSD will remain active after your last key press. The time length ranges from 5 to 30 seconds in 5-second increments.
- **Language** in the **Settings > Basic** menu sets your familiar language for the OSD menus.
- **Splash Screen** in the **Settings > Basic** menu sets a preferred logo screen to be displayed during projector start-up.

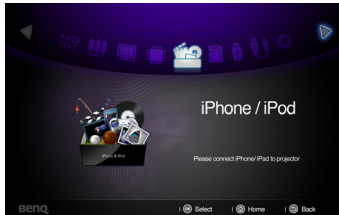
# Playing files with iPhone/iPod

The projector comes with an all-in-one iPhone/iPod dock which support video projection and music playback not only in power-on mode but also in standby mode.

<In power-on mode>

## Projecting videos or music

1. Use remote control to turn on the power of the projector.
2. Select the source of **iPhone/ iPod** in home screen.

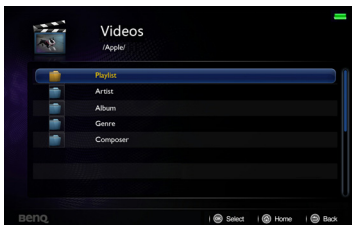


3. Dock your iPhone or iPod to fit the connector on the projector.

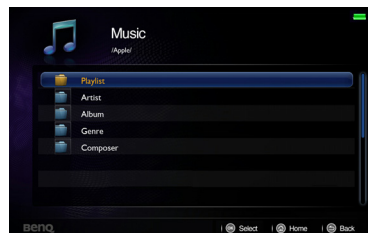


4. Select **“Video”** or **“Music”** and press **OK** to enter.
5. Select a video or music type in browser mode, select a video or music that you want to play, and then press **OK** to play.

## File browser



Videos



Music

## File list

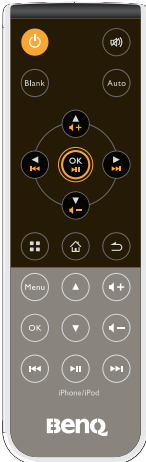


Videos



Music

## Remote control operation

	Video and music file browser status	Upper half keys (Projector)	Lower half keys (iPhone/iPod)
	OK	Select a file.	Select a file.
▲ / ▼ Up/down	Move the cursor.	Move the cursor.	Move the cursor
Home	Exit file browser and go back to home screen.	Exit file browser and go back to home screen.	N/A
Back	Go back to upper level of file browser.	Go back to upper level of file browser.	N/A
Menu	N/A	N/A	Go back to upper level of file browser.

## File playing



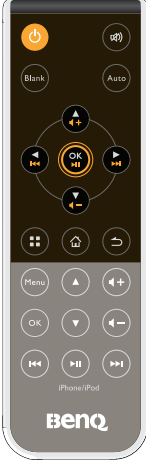
Videos

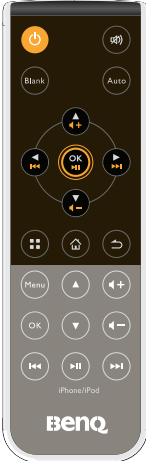


Music



## Remote control operation

	Video playback status	Upper half keys (Projector)	Lower half keys (iPhone/iPod)
	OK	Play/pause	N/A
	▲/▼ Up/down	Volume up/down	N/A
	▶▶/◀◀ Next/Previous (Fast forward/ Rewind)	N/A	Next/Previous video (Fast forward/ Rewind)
	🏠 Home	Exit playback status and go back to home screen	N/A
	↶ Back	Exit playback status and go back to upper level of file browser.	N/A
	🔇 Mute	Mute/unmute	N/A
	◀+ / ▶- Volume up/down	N/A	Volume up/down
	⚙️ Menu	Open po-up settings menu	Exit playback status and go back to video file browser.

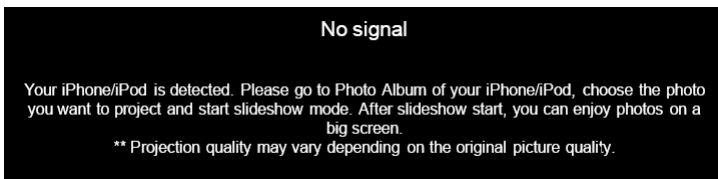
	Music playback status	Upper half keys (Projector)	Lower half keys (iPhone/iPod)
	OK	Play/pause	N/A
	▲/▼ Up/down	Volume up/down	N/A
	◀ / ▶ Left/right	Next/Previous music (Fast forward/ Rewind)	N/A
	▶▶/◀◀ Next/Previous (Fast forward/ Rewind)	N/A	Next/Previous video (Fast forward/ Rewind)
	🏠 Home	Exit playback status and go back to home screen.	N/A
	↶ Back	Exit playback status and go back to upper level of file browser.	N/A
	🔇 Mute	Mute/unmute	N/A
	◀+ / ▶- Volume up/down	N/A	Volume up/down
	⚙️ Menu	Open po-up settings menu.	Exit playback status and go back to music file browser.

# Projecting photos

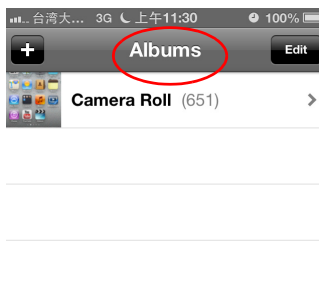
Photo function provides photos in slideshow projection from iPhone/iPod.



## Projecting photos




1. Select **“Photos”** and press **OK**.
2. Go to **“Photos” > “Albums”** in iPhone or iPod main menu. Photos can only be projected as a slideshow. (Here take an example of iPhone 4)




3. Choose the photo you want to project and start slideshow mode. After slideshow start, you can enjoy photos on a big screen.



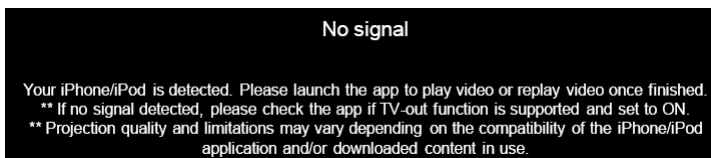
 For more instructions on Photos, see **“iPhone/iPod”** on page 13 for details.

## Remote control operation

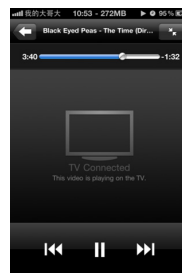
	<b>Photo slideshow playback status</b>	<b>Lower half keys (iPhone/iPod)</b>
	►►/◀◀ Next/Previous (Fast forward/Rewind)	Next/Previous photo
	◀+ / -▶ Volume up/down	Volume up/down

## Projecting 3rd party apps

Apps function provides 3rd party apps projection from iPhone/iPod.



1. Download and install an app that supports Apps TV-out function. (e.g., Youtube, Netflix, TVOut genie)
2. Select **“Apps”** and press **OK**.
3. Launch the app and select your media type from your device and the app will be automatically projected on a big screen. (Here take an example of Youtube)



For some apps such as games, additional steps may be required. Follow the on-screen instructions of these apps.

## Projecting a presentation

1. You must have a presentation app installed on your device that supports TV-out to use this function. (e.g., Presentation Viewer )
2. Launch the presentation app and the app will be automatically projected on a big screen.
3. For some presentation apps, the documents can only be viewed in slideshow mode.
4. Start the slideshow and the presentation will be instantly projected on a big screen.

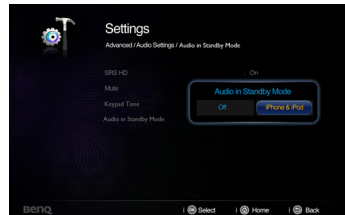
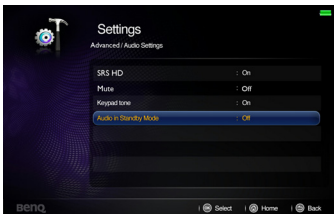
### <In stand-by mode>

You can turn the projector into a docking speaker for your iPhone or iPod when it's in stand-by mode. Follow steps as below.

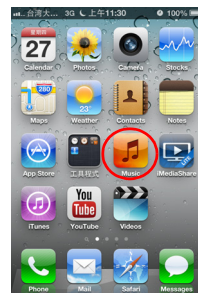
1. Enter **“Settings”** menu in projector home screen.



2. Set **Advanced > Audio Settings > Audio in Standby Mode** to **iPhone/iPod**.



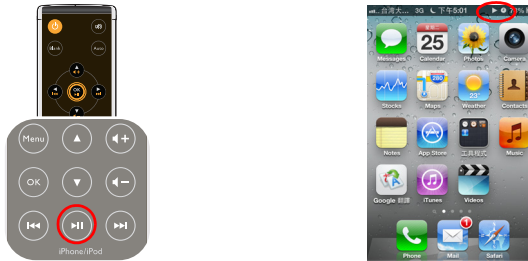
3. Turn off the projector and it will become a docking speaker.
4. Dock your iPhone or iPod on the projector. Wait until the OK/Blank ring LED light turns off and Power LED light flashes slowly.
5. Select the **Music** icon in iPhone or iPod main menu. (Here take an example of iPhone 4)



- Press **Menu** on remote control to switch to music-related menu, use ▲/▼ to select a music in file list and then press **OK** to start playing music.



☞ If the iPhone or iPod is at the Main Menu, pressing Play/Pause will cause the iPhone or iPod to start playing all of its music.



- When a song is playing, press ▶|| for Pause/Play. Press ◀◀/▶▶ for replay or skip to next song. Have long press on ◀◀/▶▶ to make the playing file rewind or fast-forward. Press ◀+/▶- to control the volume.

## Operation iPhone or iPod during video or music playback

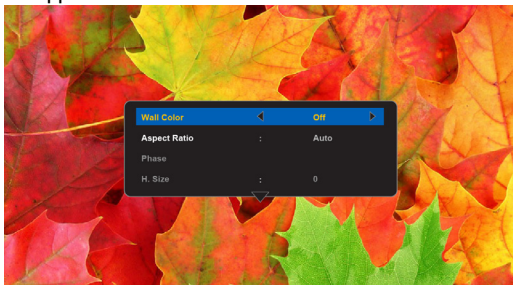
You are allowed to use remote control to operate your iPhone or iPod when the projector is in both of power-on and standby mode.

☞ For more instructions on iPhone/iPod keys, see "[iPhone/iPod](#)" on page 13 for details.



# Using iPhone/iPod pop-up menus

The pop-up menu provides an on-screen display (OSD) for adjustments when playing Videos, Photos and Apps.



## Using the menu






1. To open the OSD menu, press **⏏** on the projector or remote control when the projection screen is displayed.
2. When the OSD is displayed, press **▲/▼** to select the desired item and adjust the settings by using **◀/▶**.
3. To leave the OSD, press **⏏** again.

## Menu system



Menu Item	Sub-menu	Options
<b>Wall Color</b>		Off/Light Yellow/Pink/Light Green/Blue/Blackboard
<b>Aspect Ratio</b>		Auto/Real//4:3/16:9/16:10
<b>Phase</b>		
<b>H. Size</b>		
<b>Color Space Conversion</b>		Auto/RGB/YUV
<b>Auto Keystone</b>		On/Off
<b>Keystone</b>		
<b>Picture Mode Settings</b>	Picture Mode	Bright/Standard/Cinema/Game/User
	Reference Mode	Bright/Standard/Cinema/Game
	Brightness	
	Contrast	
	Color	
	Tint	
	Sharpness	
	Color Temperature	Warm/Normal/Cool
	Save Settings	

<b>Play Settings</b>	Shuffle	On/Off
	Repeat	On/Off
	Source	
<b>Information</b>	Resolution	
	Color System	

### Description of each menu

FUNCTION	DESCRIPTION
<b>Wall Color</b>	Corrects the projected picture's color when the projection surface is not white. See <a href="#">"Using Wall Color" on page 42</a> for details.
<b>Aspect Ratio</b>	There are four options to set the image's aspect ratio depending on your input signal source. See <a href="#">"Selecting the aspect ratio" on page 41</a> for details.
<b>Phase</b>	Adjusts the clock phase to reduce image distortion. <div style="float: right; text-align: center;">  </div> <p> This function is only available when a <b>PC signal (analog RGB)</b> is selected.</p>
<b>H. Size</b>	Adjusts the horizontal width of the image. <p> This function is only available when a <b>PC signal (analog RGB)</b> is selected.</p>
<b>Color Spance Conversion</b>	See <a href="#">"Changing Color Space" on page 43</a> for details. <p> This function is only available when the mini <b>HDMI</b> input port is in use.</p>
<b>Auto Keystone</b>	Auto corrects any keystoneing of the image.
<b>Keystone</b>	Corrects any keystoneing of the image. See <a href="#">"Correcting keystone" on page 38</a> for details. <p> This function is only available when <b>Auto Keystone</b> is <b>Off</b>.</p>



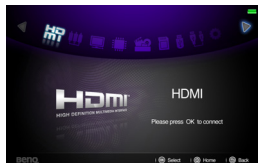
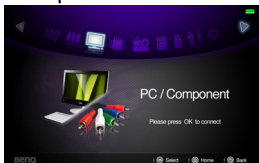
<b>Picture Mode Settings</b>	<p><b>Picture Mode</b> See "Selecting a picture mode" on page 41 for details.</p> <p><b>Reference Mode</b> See "Setting the User mode" on page 42 for details.</p> <p> This function is only available when User is selected.</p> <p><b>Brightness</b> See "Adjusting Brightness" on page 43 for details.</p> <p><b>Contrast</b> See "Adjusting Contrast" on page 43 for details.</p> <p><b>Color</b> See "Adjusting Color" on page 43 for details.</p> <p><b>Tint</b> See "Adjusting Tint" on page 43 for details.</p> <p> This function is only available the system format is NTSC.</p> <p><b>Sharpness</b> See "Adjusting Sharpness" on page 43 for details.</p> <p><b>Color Temperature</b> See "Selecting a Color Temperature" on page 43 for details.</p> <p><b>Save Settings</b> Saves the settings made for User mode.</p>
	<b>Play Settings</b>
<b>Information</b>	<p><b>Source</b> Shows the current signal source.</p> <p><b>Resolution</b> Shows the native resolution of the input signal.</p> <p><b>Color System</b> Shows input system format, NTSC, PAL, SECAM, or RGB.</p>

# Displaying images with PC and Video source devices

You can connect your projector to a PC and various Video source devices. (e.g. HDMI, composite video, component video) However, you need only connect the projector to an input source device.

To display images:

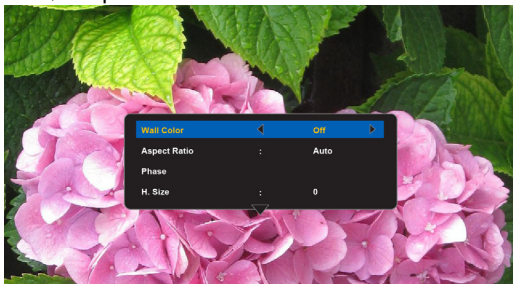
1. Connect the projector to one of the above signal source.
2. Turn on the power of the projector and your source device. The projector displays the home screen.
3. Press ◀/▶ on the projector or remote control to select the input signal and then press **OK** to enter.



4. Press ⇨ or ⇩ to go back to home screen.

# Using PC/ Video pop-up menus

The projector has a multilingual OSD that allows you to make image adjustments and change a variety of settings. This menu is for the settings to be used in computer, iPhone/iPod, composite video, component and HDMI modes.



## Using the menu






1. To open the OSD menu, press **⏏** on the projector or remote control when the projection screen is displayed.
2. When the OSD is displayed, press **▲/▼** to select the desired item and adjust the settings by using **◀/▶**.
3. To leave the OSD, press **⏏** again.



## Menu system

Menu Item	Sub-menu	Options
<b>Wall Color</b>		Off/Light Yellow/Pink/Light Green/Blue/Blackboard
<b>Aspect Ratio</b>		Auto/Real//4:3/16:9/16:10
<b>Phase</b>		
<b>H. Size</b>		
<b>Color Space Conversion</b>		Auto/RGB/YUV
<b>Auto Keystone</b>		On/Off
<b>Keystone</b>		
<b>Picture Mode Settings</b>	Picture Mode	Bright/Standard/Cinema/Game/User
	Reference Mode	Bright/Standard/Cinema/Game
	Brightness	
	Contrast	
	Color	
	Tint	
	Sharpness	
	Color Temperature	Warm/Normal/Cool
	Save Settings	

<b>Information</b>	Source
	Resolution
	Color System

## Description of each menu

<b>FUNCTION</b>	<b>DESCRIPTION</b>
<b>Wall Color</b>	Corrects the projected picture's color when the projection surface is not white. See <a href="#">"Using Wall Color" on page 42</a> for details.
<b>Aspect Ratio</b>	There are four options to set the image's aspect ratio depending on your input signal source. See <a href="#">"Selecting the aspect ratio" on page 41</a> for details.
<b>Phase</b>	Adjusts the clock phase to reduce image distortion.  <p> This function is only available when a <b>PC signal (analog RGB)</b> is selected.</p>
<b>H. Size</b>	Adjusts the horizontal width of the image. <p> This function is only available when a <b>PC signal (analog RGB)</b> is selected.</p>
<b>Color Spance Conversion</b>	See <a href="#">"Changing Color Space" on page 43</a> for details. <p> This function is only available when the mini <b>HDMI</b> input port is in use.</p>
<b>Auto Keystone</b>	Auto corrects any keystoneing of the image.
<b>Keystone</b>	Corrects any keystoneing of the image. See <a href="#">"Correcting keystone" on page 38</a> for details. <p> This function is only available when <b>Auto Keystone</b> is Off.</p>

<p><b>Picture Mode Settings</b></p>	<p><b>Picture Mode</b> See "Selecting a picture mode" on page 41 for details.</p> <p><b>Reference Mode</b> See "Setting the User mode" on page 42 for details.</p> <p> This function is only available when User is selected.</p> <p><b>Brightness</b> See "Adjusting Brightness" on page 43 for details.</p> <p><b>Contrast</b> See "Adjusting Contrast" on page 43 for details.</p> <p><b>Color</b> See "Adjusting Color" on page 43 for details.</p> <p><b>Tint</b> See "Adjusting Tint" on page 43 for details.</p> <p> This function is only available the system format is NTSC.</p> <p><b>Sharpness</b> See "Adjusting Sharpness" on page 43 for details.</p> <p><b>Color Temperature</b> See "Selecting a Color Temperature" on page 43 for details.</p> <p><b>Save Settings</b> Saves the settings made for User mode.</p>
<p><b>Information</b></p>	<p><b>Source</b> Shows the current signal source.</p> <p><b>Resolution</b> Shows the native resolution of the input signal.</p> <p><b>Color System</b> Shows input system format, NTSC, PAL, SECAM, or RGB.</p>

# Displaying files with internal memory, USB Drive and SD card

The projector can display files saved in internal memory or external storage like an SD card or a USB Drive when you have connected to projector.

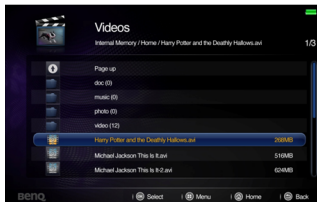
## To display files:

1. Turn on the power of the projector and the projector displays the home screen.
2. Connect the projector to one of the above external memory devices.
3. Press ◀/▶ to select SD card, USB Drive or internal memory.

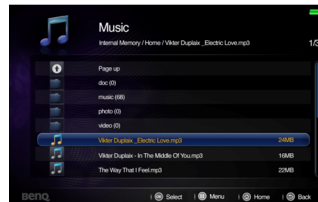


4. Storages are classified into **Videos, Photos, Music, Documents** menu in home screen. Press ▲/▼ to select desired item and then press **OK** to enter different file browser.

## File browser



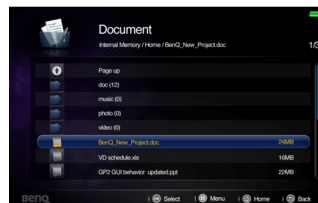
Videos



Music



Photos



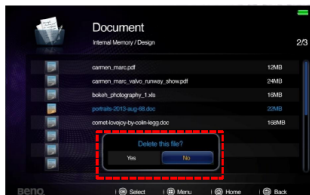
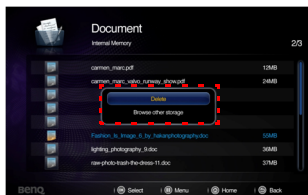
Documents

- You will only see relevant and supported files in each of file browser.
- If you want to disconnect external storages, please select **Safe remove** icon. See "[Supported file formats](#)" on page 70 for details.
- If the file size is larger, the processing time will be longer and a loading icon will display on the screen.

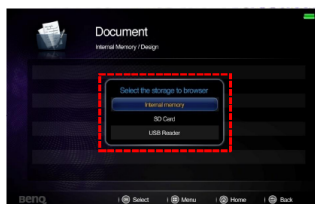
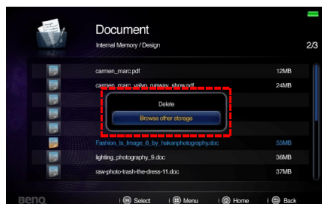
## All file browser

Pressing **⌘** allows you to open a pop-up menu in one of the four file browser window.

## Delete



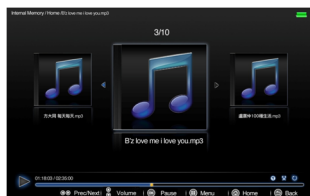
## Browse other storage



## File playing



Videos



Music

NAME		DESCRIPTION
OK	Play/Pause	Plays or pauses a video or music.
▲/▼	Volume	Volume up/down.
◀	Prev	Left:
▶	Next	<ul style="list-style-type: none"> <li>Plays the previous video or music.</li> <li>Press and hold to fast rewind the video or music.</li> </ul> Right: <ul style="list-style-type: none"> <li>Plays the next video or music.</li> <li>Press and hold to fast forward the video or music.</li> </ul> * Press and hold for 2 seconds to fast forward/fast rewind at x2 speed. Toggle the ◀/▶ to switch the speed to x4, x8, x16 while playing at x2 speed. To resume back to normal speed, press <b>OK</b> .
⋮	Menu	Open/close video pop-up settings menu.

↶	Back	<ul style="list-style-type: none"> <li>Return to upper level of OSD.</li> <li>Close video pop-up setting menu.</li> <li>Leave current video player and back to video file browser.</li> </ul>
🏠	Home	Exit video player and go back to home screen.

## Pop-up menu

The pop-up menu provides an on-screen display (OSD) for adjustments when playing videos or music.



Videos



Music

## Using the menu

- To open the OSD menu, press **⏸** on the projector or remote control when the projection screen is displayed.
- When the OSD is displayed, press **▲/▼** to select the desired item and adjust the settings by using **◀/▶**.
- To exit the OSD, press **⏸** on the projector or remote control again.

☞ See the table for supported subtitle file types. Refer to "[Supported file formats](#)" on page 70.


## Video menu system



Menu Item	Sub-menu	Options
Wall Color		Off/Light Yellow/Pink/Light Green/Blue/Blackboard
Aspect Ratio		Auto/Full Screen/4:3/16:9/16:10/Real
Auto Keystone		On/Off
Keystone		



<b>Picture Mode Settings</b>	Picture Mode	Bright/Standard/Cinema/Game/User
	Reference Mode	Bright/Standard/Cinema/Game
	Brightness	
	Contrast	
	Color	
	Tint	
	Sharpness	
	Color Temperature	Warm/Normal/Cool
	Save Settings	
	<b>Play Settings</b>	Play Mode
Play Order		Normal/Shuffle
Repeat		On/Off

### Description of each menu

FUNCTION	DESCRIPTION
<b>Wall Color</b>	Corrects the projected picture's color when the projection surface is not white. See <a href="#">"Using Wall Color" on page 42</a> for details.
<b>Aspect Ratio</b>	There are four options to set the image's aspect ratio depending on your input signal source. See <a href="#">"Selecting the aspect ratio" on page 41</a> for details.
<b>Auto Keystone</b>	Auto corrects any keystone of the image.
<b>Keystone</b>	Corrects any keystone of the image. See <a href="#">"Correcting keystone" on page 38</a> for details.  This function is only available when <b>Auto Keystone</b> is <b>Off</b> .

<p><b>Picture Mode Settings</b></p>	<p><b>Picture Mode</b> Pre-defined picture modes are provided so you can optimize your projector image set-up to suit your program type.</p> <p><b>Reference Mode</b> Selects a picture mode that best suits your need for the image quality and further fine-tune the image based on the selections listed on the same page below.</p> <p> <b>This function is only available when User is selected.</b></p> <p><b>Brightness</b> Adjusts the brightness of the image.</p> <p><b>Contrast</b> Adjusts the degree of difference between dark and light in the image.</p> <p><b>Color</b> Adjusts the color saturation level -- the amount of each color in a video image.</p> <p><b>Tint</b> Adjusts the red and green color tones of the image.</p> <p> <b>This function is only available the system format is NTSC.</b></p> <p><b>Sharpness</b> Adjusts the image to make it look sharper or softer.</p> <p><b>Color Temperature</b> Adjusts the color temperature. At higher color temperatures, the screen looks colder; at lower color temperatures, the screen looks warmer.</p> <p><b>Save Settings</b> Saves the settings made for User mode.</p>
	<p><b>Play Settings</b></p>

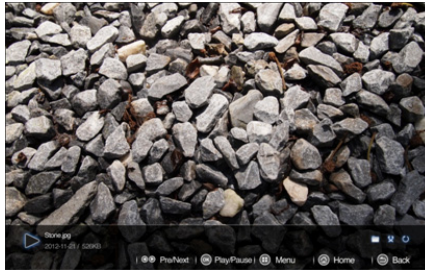
## Music menu system

Menu Item	Options
Play Mode	All in folder/One music
Play Order	Normal / Shuffle
Repeat	On/Off

## Description of each menu

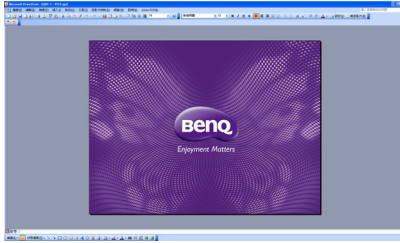
FUNCTION	DESCRIPTION
Play Mode	Lets you choose to play one music or all music in a folder.
Play Order	Lets you select the playback order of music files.
Repeat	Lets you select whether to repeat music playback.

## Photo viewing



NAME		DESCRIPTION
OK	Play/Pause	Plays or pauses a slideshow.
◀	Prev	Previous photo.
▶	Next	Next photo.
⋮	Menu	Open/close photo pop-up settings menu.
↶	Back	<ul style="list-style-type: none"> <li>Return to upper level of OSD.</li> <li>Close photo pop-up setting menu.</li> <li>Leave current photo player and back to photo file browser.</li> </ul>
🏠	Home	Exit photo player and go back to home screen.

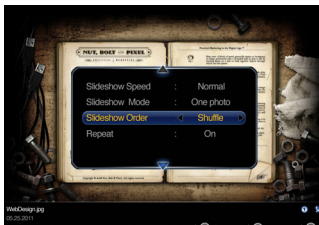
## Document viewing



NAME		DESCRIPTION
OK	Zoom	Zoom in the display at the intervals of 100%, 200%, 300%, 400%, 500%, 600%, 700%, 800%.
▲	Up	While page is not zoomed. <ul style="list-style-type: none"> <li>• Up/Left: Move to the previous page.</li> <li>• Down/Right: Move to the next page.</li> </ul> While page is zoomed. <ul style="list-style-type: none"> <li>• Up: Move to the top side of the page.</li> <li>• Left: Move to the left side of the page.</li> <li>• Down: Move to the down side of the page.</li> <li>• Right: Move to the right side of the page.</li> </ul>
▼	Down	
◀	Left	
▶	Right	
⋮	Menu	Open/close photo pop-up settings menu.
↶	Back	Leave current document viewer and back to document file browser.
🏠	Home	Exit document viewer and go back to home screen.

## Pop-up menu

The pop-up menu provides an on-screen display (OSD) for adjustments when viewing photos or documents.



Photos



Documents

## Using the menu

1. To open the OSD menu, press **⋮** on the projector or remote control when the projection screen is displayed.
2. When the OSD is displayed, press **▲/▼** to select the desired item and adjust the settings by using **◀/▶**.

3. To exit the OSD, press **⏏** on the projector or remote control again.

### Photo menu system

Menu Item	Options
Slideshow Speed	Fast/ Normal/ Slow
Slideshow Mode	All in folder / One photo
Slideshow Order	Normal / Shuffle
Repeat	On/Off

#### Description of each menu

FUNCTION	DESCRIPTION
Slideshow Speed	Lets you select slideshow speed.
Slideshow Mode	Lets you choose to slideshow one photo or all photos in a folder.
Slideshow Order	Lets you select the slideshow order of photo files.
Repeat	Lets you select whether to repeat slideshow.

### Document menu system

Menu Item	Options
<b>Page Navigation</b>	
Aspect Ratio	Fit to Width/Fit to Height

#### Description of each menu

FUNCTION	DESCRIPTION
Page Navigation	<p>Lets you go directly to a specific page.</p> <ul style="list-style-type: none"> <li>Enter a page number using the <b>▲/▼/◀/▶</b> buttons, check the page number in the preview window of the screen, and then press <b>OK</b> to move to that page.</li> </ul>
Aspect Ratio	<p>Lets you choose the aspect ratio of the document.</p> <ul style="list-style-type: none"> <li>Fit to Width: Displays a document so that it fits the screen width.</li> <li>Fit to Height: Displays a document so that it fits the screen height.</li> </ul>

 • Loading time may be longer for large files.

- Document viewer may not work properly when a file does not comply with standards or it is damaged.
- Document viewer may not work when a file contains too much data to display on a screen. (For example, too much data on one sheet in an Excel file.)
- Document viewer supports only one font. If a screen uses other fonts, the image Media Play displays may be different than the original screen.
- For example:
  1. The position of line breaks in a sentence might be dissimilar.
  2. The position of page breaks in a MS Word document might be changed. In this case, the document might be shown incompletely according to the Layout properties for Picture or Shapes or Object in MS word . (Please refer to the manual of MS Word for more information on the Layout properties.)
- Some functions supported on your PC are not supported by the projector, such as these PowerPoint functions: Animation, 3D, Smart Art, Hyper Link, and Transparency and Gradation.
- This product does not support encrypted files (DRM).


## Supported file formats

- Document, Photo, Music

ITEM	FILE EXTENSION
Document	Adobe PDF 1.0~1.4 (PDF)
	MS PowerPoint 97~2010 (ppt, pptx)
	MS Excel 95~2010 (xls, xlsx)
	MS Word 95~2010 (doc, docx)
Photo	JPG, BMP, PNG
Music	MP3, MP2, APE, FLAC, OGG, WAV, M4A

- Video, Subtitles

ITEM	FILE EXTENSION	DESCRIPTION
Video	AVI (H.263, Xvid, MJPEG), MOV (H.263, Xvid, MJPEG), MP4 (H.263, Xvid), 3gp/3g2 (H.263, Xvid), FLV (Sorenson Spark)	Max 1920x1080 30fps
Subtitles	MKV build-in, SRT(.srt).	<ul style="list-style-type: none"> <li>• Subtitle files must be in same directory as the video files.</li> <li>• The name of subtitle files shall be the same as the name of video files.</li> </ul>
Bit rate range : If peak bit rate of a video file is larger than 10MB, it might cause video playback lag.		

 Please visit [BenQ.com](http://BenQ.com) to know more details about the latest supported formats.

# Using USB Streaming

The projector supports USB streaming for USB Display and USB File Transfer.

## USB Display

The projector can project computer screen via a USB cable instead of a VGA cable.

To use USB display:

1. Connect the projector to a computer using a USB cable.
2. Turn on the power of the projector and your source device. The projector displays the home screen.
3. Press ◀/▶ to select **USB Streaming**.
4. Press ▲/▼ to select **USB Display** and then press **OK** to enter.
5. If your computer can automatically install USB driver, you can see computer's screen.
6. If computer's screen can't be projected, please go to "My Computer", find the "BenQUSB EZ Display" (same as using a flash disk drive), then run the "Autorun.exe" file.
7. Press ⇨ or ⇩ to leave computer projection screen and back to projector home screen.



☞ • **If the Microsoft Windows system installed on your PC is Windows 7 or later version, you need to install the driver manually. Just follow the on-screen instruction.**

- **This function can't support Mac OS devices.**

Win 2000	Win XP SP2 32Bit	Win XP 64Bit	Win Vista 32 bit	Win Vista 64 bit	Win7 32 bit	Win7 64bit	MAC
x	v	x	v	v	v	v	x

## USB File Transfer

You can connect the projector to transfer files from your computer to the projector. The files will be saved in the internal memory, and you can project images from the projector.

To use USB file transfer:

1. Connect the projector to a computer using a USB cable.
2. Turn on the power of the projector and your source device. The projector displays the home screen.
3. Select **USB Streaming**.
4. Select **USB File Transfer** and then press **OK** to enter.
5. If the connection is successful, you will see "It is in USB file transfer mode." message on the screen.
6. Look for a new "removable disk" icon. This "removable disk" is actually the internal memory in your projector.



7. Copy & Paste or Drag-N-Drop files from your computer to the removable disk.
  8. If you want to display those files, use ◀/▶ to select Internal Memory. See ["Displaying files with internal memory, USB Drive and SD card" on page 62](#) for details.
  9. Press ⇧ or ⏪ to leave USB File Transfer mode and back to projector home screen.
- To disconnect the projector from a PC:



Make sure to end the connection properly to prevent damage to the projector or your data.

1. Click on the Windows Taskbar.
2. Click the pop-up message.
3. Disconnect the USB cable only when the message says that it is safe to remove the hardware.

- ☞ • **Do not disconnect the USB cable while the files are being copied, as this could result in loss of data or damage to the projector.**
- **The connection will not end if you have projector files open on the PC. Close all projector files and try again.**
- **Other versions of Windows operate similarly. Follow the correct procedure for removing a USB device from your PC safely for your version of Windows.**
- **This function can't support Mac OS devices.**



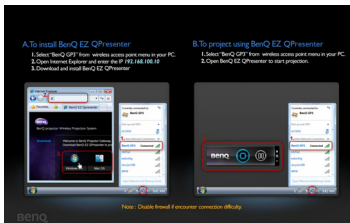
# Using Wireless Streaming

The wireless dongle that came with the product provides you with two functions to project images wirelessly. One is PC Display; the other is Stream to me.

## PC Display

If it is the first time to use PC Display, you need to download “**BenQ GP3 EZ QPresenter**” application from GP3 and install on your computer first. Follow the steps below to get it all set up in just a few minutes.

1. Connect the wireless dongle to the USB jack of the projector.
2. Turn on the power of the projector.
3. Go to **Settings > Network > Wi-Fi Mode** to check your network settings.
  - i. Wi-Fi mode is set to **AP Mode** in default, open computer’s wireless and search “**BenQ GP3**” (Device Name SSID) in wireless access point menu and connect to it.
  - ii. If Wi-Fi mode is changed to **Client Mode**, you should connect both your computer and projector to the same AP router.
4. Select **Wireless Streaming** from Home screen.
5. Select **PC Display** and then press **OK** to enter “**PC Display Welcome Page**” as shown below.

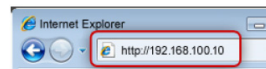


AP Mode

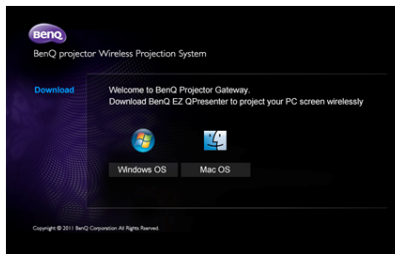


Client Mode

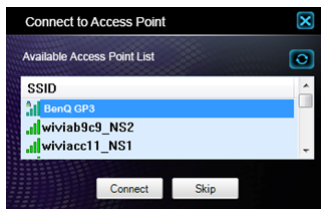
6. Follow the steps of “**To install BenQ EZ QPresenter**” in PC Display Welcome Page.
  - i. **In AP Mode**, start a web browser and key in IP address **192.168.100.10** into the address bar and press enter. **In Client Mode**, start a web browser and key in assigned IP address shown in PC Display Welcome Page. You will be prompted to “**BenQ GP3 EZ QPresenter download page**”.



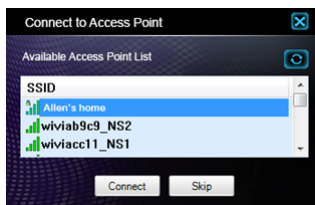
- ii. Select OS version and start downloading and installing BenQ GP3 EZ QPresenter by following the on-screen instructions on you PC. After installation finished, the BenQ GP3 EZ QPresenter icon will be displayed on your desktop.



- 7. The way of using BenQ GP3 EZ QPresenter is slightly different when GP3 is in AP mode or Client mode.
  - ii. In AP Mode, execute BenQ GP3 EZ QPresenter and a AP list will pop up first. Just choose "BenQ GP3 " and press "Connect" to start projection.



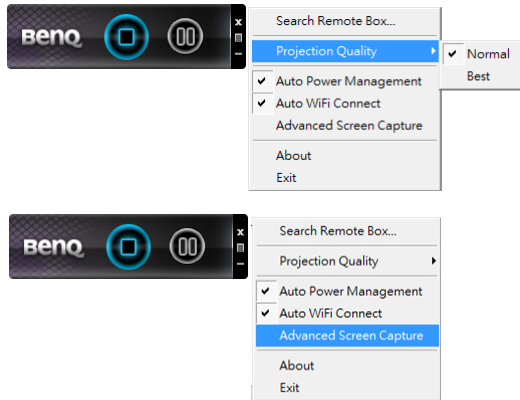
- ii. In Client Mode, please make sure GP3 connect to a Wi-Fi network first. After that, execute BenQ GP3 EZ QPresenter and a AP list will pop up. Choose the Wi-Fi network which GP3 connect to and press "Connect" to start projection.



- iii. You can press the pause button in on-screen control panel to freeze the projection screen if necessary.



- iv. More useful settings like adjusting projection quality or screen capture are available in settings menu.



## Frequently Asked Questions

- **Q: Why does my CPU become busier after launching the BenQ EZ QPresenter?**
- A: BenQ GP3 EZ QPresenter counts on your PC CPU to encode the screen images to reduce the data that needs to be transferred to the receiver. Hence there will be some overhead to your PC. In general, for a 4+ ranking PCs, it would need up to 30% of CPU overhead to perform wireless display.
- **Q: Why can't I project my screen?**
- A: BenQ GP3 EZ QPresenter needs to access the network connection at some point. As a result, when your Anti-virus or network security software prompts you for permission to allow the sender software to access the network, please grant access to proceed, or choose “add rule” to the fire wall settings.
- **Q: Why does my display frame rate slow down?**
- A: BenQ GP3 EZ QPresenter needs to encode display content while sending massive real-time data to the projector.
  - PC: A dual core PC (excluding Atom processors) or Mac is required to encode the screen images at 30FPS (Frame Per Second) speed. However, if you would like to increase the FPS speed, you can:
    - Use better media players, such as GOM player
    - Close all unused apps
    - Use a faster PC with Windows Experience Score higher than 4 (4+ recommended)
  - Network:
    - Using 802.11n WiFi
    - Move your laptop closer to the projector
    - Disable the “Minimum Power Consumption” option from the “Advanced Tab” in your WiFi network Adopter Property setting
    - Lower PC screen resolution

## System Requirements for Wireless Display

### Mac PC Requirements

CPU Grade	Intel Dual Core 1.4 GHz or better (PowerPC not supported)
Graphics	nVIDIA or ATI graphic card with 64MB VRAM or above
Operating System	Mac OS X 10.5+
Recommended Models	MacBook after 2009-01-21 All series of MacBook Pro MacBook Air after 2010-06-08

### Windows PC Requirements

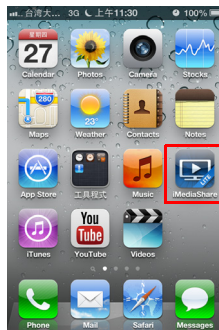
CPU Grade	Dual Core 1.8 GHz or better (excluding atom processor)
Display Adaptor	nVIDIA or ATI graphic card with 64MB VRAM or above
Operating System	Windows XP SP2/SP3 (32 and 64-bit) / Vista (32 and 64-bit) / Windows 7 (32 and 64-bit)
Wi-Fi	802.11n

## Wi-Fi Dongle Specifications

Model Name	WDRT8192
Wireless Standard	IEEE 802.11 b/g/n
Interface	USB 2.0
Data Transfer Rate	up to 300Mbps
Frequency Band	2.4GHz ISM Band
Security	64 bit/128 bit WEP, TKIP, AES, WPA, WPA2
Supported OS	Windows 2000/XP/Vista/7
Minimum PC System Requirement	CPU: 200MHz or above RAM: 64MB RAM or above, 128MB recommended

## Stream to me

“Stream to Me” gives you an easy way to enjoy videos, pictures and music wirelessly from DLNA certified or capable devices (e.g. PC, NAS, smartphone, tablet) on a HD-ready quality big screen with friends and family. For example, download and install DLNA apps (e.g. iMediaShare) from App store to make your iPhone or Android phone capable with DLNA and able to stream favorite media to GP3 for sharing.



## Stream local media in iPhone or Android phone to GP3

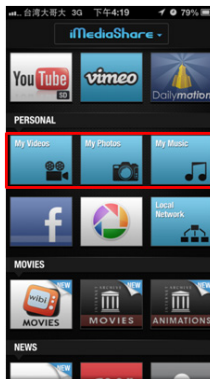
1. Set GP3's Wi-Fi mode to AP mode
2. Select **“Wireless Streaming”** from home screen.
3. Select **“Stream to me”** and then press OK to enter **“Stream to Me Welcome Page” (AP Mode)** as below. Follow the instructions shown in welcome page.



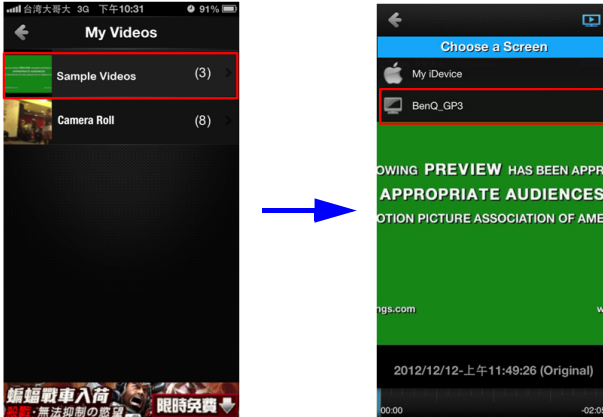
- i. Enable your iPhone or Android phone's wireless and select **"BenQ GP3"** from wireless access point menu to make connection between GP3 and iPhone/Android phone.



- ii. Open iMediaShare and choose the media type you want to share.



- iii. Select the media file like video, music or photo stored in iPhone or Android phone and send out to GP3.

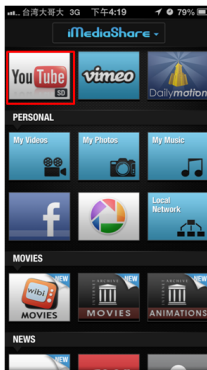


### Stream not only local media but also on-line video in iPhone or Android phone to GP3

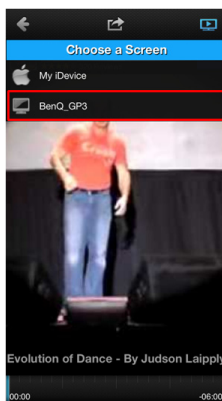
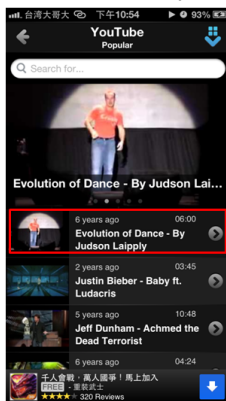
1. Set GP3's Wi-Fi mode to **Client mode**.
2. Connect both your iPhone/Android phone and GP3 to the same Wi-Fi network. (connect to the same AP router)
3. Select **"Wireless Streaming"** from home screen.
4. Select **"Stream to me"** and then press **OK** to enter **"Stream to Me Welcome Page"** (**Client Mode**) as below. Follow the instructions shown in welcome page.



- Open iMediaShare and choose on-line video channel you want to share..



- Select on-line video clip and send out to GP3.



### Use iPhone or Android phone to select local media in PC/NAS and stream to GP3

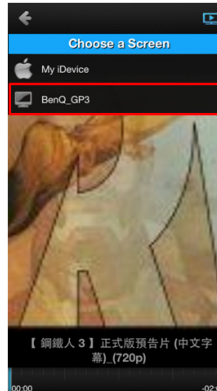
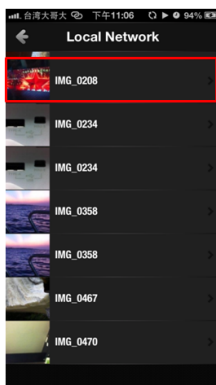
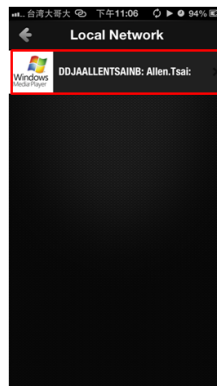
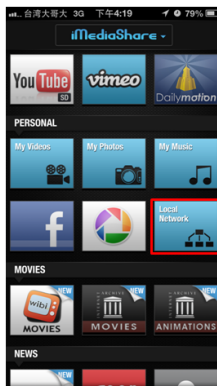
- Set GP3's Wi-Fi mode to **Client mode**.
- Make sure GP3, PC/NAS and iPhone or Android phone are all in the same wireless network. (connect to the same AP router)
- Select **“Wireless Streaming”** from home screen.



- Select **“Stream to me”** and then press OK to enter **“Stream to Me Welcome Page” (Client Mode)**. Press right or left to another Welcome Page as below. Follow the instructions shown in welcome page.



- Open iMediaShare, choose **“Local Network”**, select local media in PC/NAS by iPhone or Android phone and start streaming to GP3.



# Settings menu

This menu is to set the projector's operating environment.

Using the menu

1. To open the OSD menu, press ◀/▶ to select **Settings** and press **OK** to enter.
2. When the OSD is displayed, press ▲/▼ to select any item in the main menu.
3. After selecting the desired main menu item, press **OK** or ▶ to enter the feature settings submenu.
4. Press ▲/▼ to select the desired item and press **OK** to open the pop-up menu.
5. Select the settings using ▲/▼/◀/▶ and press **OK** to confirm. Once the setting is selected, the OSD menu returns to the selected item.
6. Press ⇨ or ◀ to return to the main menu.  
You may press ⏪ to go back to home screen directly.
7. Press ⇨ again to go back to home screen.

## Menu system


Main menu	Sub-menu	Options
	Language	English / Français / Deutsch Italiano / Español / Русский 繁體中文 / 简体中文 / 日本語 / 한국어 / Svenska / Nederlands / Türkçe / Čeština / Português / ไทย / Polski Magyar / Български / Hrvatski / Română / Suomi / Norsk / Dansk / Indonesian / Ελληνικά / العربية / हिन्दी
<b>1. Basic</b>	LED Mode	<b>Normal/Eco</b>
	Wall Color	<b>Off</b> /Light Yellow/Pink/Light Green/ Blue/Blackboard
	Auto Keystone	<b>Off/On</b>
	Auto Power Off	Disable/5 min/10 min/15 min/20 min/25 min/ <b>30 min</b>
	Splash Screen	<b>BenQ</b> / Black/Blue
	Test Pattern	<b>Off/On</b>
	High Altitude Mode	<b>Off/On</b>
Audio Settings	SRS HD	<b>Off/On</b>
	Mute	<b>Off/On</b>
	Keypad tone	<b>Off/On</b>
	Audio in Standby Mode	<b>Off</b> /iPhone/iPod
Menu Display Time	<b>5 sec</b> /10 sec/15 sec/20 sec/25 sec/ 30 sec	
<b>2. Advanced</b>	Change Password	
	Recall Password	
	Change Security Settings	
	Power On Lock	<b>Off/On</b>
Projector Position	<b>Front Table</b> /Front Ceiling/Rear Table/Rear Ceiling	
Closed Caption	Closed Caption Enable	<b>Off/On</b>
	Caption Version	<b>CC1</b> /CC2/CC3/CC4
Firmware Upgrade	Yes/ <b>No</b>	
Reset All Settings	Reset/ <b>Cancel</b>	


<b>3. Network</b>	Wi-Fi Mode	AP Mode
	Device Name	BenQ GP3
	Security	<b>None</b> /WPA2/WPA/WEK
	Encryption Key	xxxxxxxx
	Show Encryption Key	<b>No</b> /Yes
	Wi-Fi Mode	Client Mode
	Wi-Fi Connection	
	Configure	Manually assign IP
		IP Address
		Netmask
		Gateway
		DNS
	Apply	
<b>4. Information</b>	Source	
	Picture Mode	
	Color System	
	Resolution	
	LED Lamp Lifetime	
	Internal Memory	
	SD Card	
	USB Drive	
Firmware Version		


## Description of each menu

FUNCTION	DESCRIPTION
<b>Language</b>	Sets the language for the On-Screen Display (OSD) menus.
<b>LED Mode</b>	Choose <b>Eco</b> to dim the projector LED which will lower power consumption, extend the LED life and reduce noise. Choose <b>Normal</b> to return normal mode.
<b>Wall Color</b>	Corrects the projected picture's color when the projection surface is not white.
<b>Auto Keystone</b>	Auto corrects any keystone of the image.
<b>Auto Power Off</b>	Allows the projector to turn off automatically if no input signal is detected after a set period of time.
<b>Splash Screen</b>	Allows you to select which logo screen will display during projector start-up. Three options are available: BenQ logo, Black screen, or Blue screen.
<b>Test Pattern</b>	Selecting <b>OK</b> enables the function and the projector displays the grid test pattern. It helps you adjust the image size and focus and check that the projected image is free from distortion.

I. Basic menu

FUNCTION	DESCRIPTION
<b>High Altitude Mode</b>	A mode for operation in high altitude areas. See <a href="#">"Operating in a high altitude environment" on page 44</a> for details.
<b>2. Advanced menu</b>  <b>Audio Settings</b>	Allows you to enter the audio setting menu. See <a href="#">"Adjusting the sound" on page 44</a> for details.
	<p><b>SRS HD</b> Turns on/off SRS HD surround sound effects.</p> <p><b>Mute</b> Sets the mute function.</p> <p><b>Keypad tone</b> Sets the keypad tone function.</p> <p><b>Audio in Standby Mode</b> The projector can play sound when it is in standby mode and the corresponding jacks are correctly connected to devices. Press ◀/▶ to choose the source that you wish to use. See <a href="#">"Connection" on page 21</a> for how to make the connection.</p> <p> <b>Enabling this function slightly increases the standby power consumption.</b></p>
<b>Menu Display Time</b>	Sets the length of time the OSD will remain active after your last key press. The range is from 5 to 30 seconds in 5-second increments.
<b>Security Settings</b>	See <a href="#">"Securing the projector" on page 39</a> for details.
<b>Projector Position</b>	The projector can be installed on a ceiling or behind a screen, or with one or more mirrors. See <a href="#">"Choosing a location" on page 15</a> for details.

FUNCTION	DESCRIPTION
<b>2. Advanced menu</b>  <b>Closed Caption</b>	<p><b>Closed Caption Enable</b></p> <p>Activates the function by selecting <b>On</b> when the selected input signal carries closed captions.</p> <ul style="list-style-type: none"> <li>• Captions: An on-screen display of the dialogue, narration, and sound effects of TV programs and videos that are closed captioned (usually marked as "CC" in TV listings).</li> </ul> <p> <b>Set your screen aspect ratio to 4:3. This function is not available when the aspect ratio is "16:9", "16:10" or "Real.</b></p> <p><b>Caption Version</b></p> <p>Selects a preferred closed captioning mode. To view captions, select CC1, CC2, CC3, or CC4 (CC1 displays captions in the primary language in your area).</p>
	<p><b>Firmware Upgrade</b></p> <p>Updating the latest firmware are only allowed via an SD card.</p>
	<p><b>Reset All Settings</b></p> <p>Returns all settings to the factory preset values.</p>

FUNCTION	DESCRIPTION
<b>3. Network menu</b>	<p><b>Wi-Fi Mode</b></p> <p>Displays AP Mode network settings. See <a href="#">"Using Wireless Streaming" on page 73</a> for details.</p>
	<p><b>Device Name</b></p> <p>Allows you to input total 30 characters (only a-z , A-Z , _ , - are allowed) for the device name /SSID. Select Device Name and press OK to open a virtual keyboard in full screen. Once Device Name is set, select Enter in the virtual keyboard and press <b>OK</b> to return to Network setting.</p>
	<p><b>Security</b></p> <p>Allows you to set WPA or WPA2 security modes. Select one of the two encryption modes, and set the encryption key accordingly.</p>
	<p><b>Encryption Key</b></p> <p>Allows you to input 8-20 ASCII characters for WPA-PSK or WPA2-PSK encryption mode. Select Encryption Key and press <b>OK</b> to open a virtual keyboard in full screen. You can input the encryption key using the virtual keyboard. Once Encryption Key is set, select Enter in the virtual keyboard and press <b>OK</b> to return to Network setting.</p>
	<p><b>Show Encryption Key</b></p> <p>If you want to see the encryption key after input the encryption key, you can select "Yes" in Show Encryption key item. By default, the encryption key is not shown.</p>
	<p><b>Wi-Fi Mode</b></p> <p>Displays Client Mode network settings. See <a href="#">"Using Wireless Streaming" on page 73</a> for details.</p>
	<p><b>Wi-Fi Connection</b></p> <p>Displays Wi-Fi connection status. Press <b>OK</b> to display AP list menu.</p>
	<p><b>Configure</b></p> <p>Displays IP configure pop-up menu. By default, it automatically requests an IP address via DHCP. If you select "Yes" in Manually assign IP, you can set IP Address, Netmask, Gateway and DNS manually using a virtual keyboard in the screen.</p> <p> <b>The format of "IP address", "Netmask", "Gateway" and "DNS" should follow 0-255.0-255.0-255.</b></p>

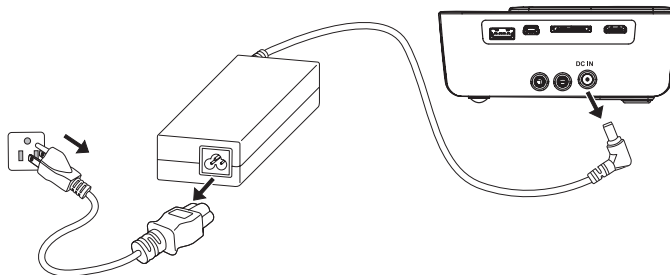
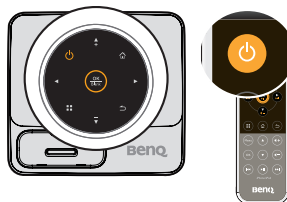


<b>FUNCTION</b>	<b>DESCRIPTION</b>
<b>Source</b>	Shows the current signal source.
<b>Picture Mode</b>	Shows the selected mode.
<b>Color System</b>	Shows input system format: RGB or YUV.
<b>Resolution</b>	Shows the native resolution of the input signal.
<b>LED Lamp Lifetime</b>	Displays the number of hours the lamp has been used.
<b>Internal Memory</b>	Shows the Internal Memory capacity status: used memory size/total memory size.
<b>SD Card</b>	Shows the SD Card capacity status: used memory size/total memory size.
<b>USB Drive</b>	Shows the USB Drive capacity status: used memory size/total memory size.
<b>Firmware Version</b>	Shows firmware version: xx.xxx (Solomon)/xx.xxx (TI).

4. Information menu

# Shutting down the projector

1. Press **Power** and a confirmation message displays prompting you.  
If you don't respond in a few seconds, the message will disappear.
2. Press **Power** a second time.
3. The Power LED indicator flashes orange slowly and fans stop.
4. Disconnect the power cord from the wall socket if the projector will not be used in an extended period of time.



# Maintenance

## Care of the projector

Your projector needs little maintenance. The only thing you need to do on a regular basis is to keep the lens clean.

Never remove any parts of the projector. Contact your dealer if other parts need replacing.

### Cleaning the lens

Clean the lens whenever you notice dirt or dust on the surface.


- Use a canister of compressed air to remove dust.
- If there is dirt or smears, use lens-cleaning paper or moisten a soft cloth with lens cleaner and gently wipe the lens surface.

 **Never rub the lens with abrasive materials.**

### Cleaning the projector case

Before you clean the case, turn the projector off using the proper shutdown procedure as described in "[Shutting down the projector](#)" on page 90 and unplug the power cord.

- To remove dirt or dust, wipe the case with a soft, lint-free cloth.
- To remove stubborn dirt or stains, moisten a soft cloth with water and a neutral pH detergent. Then wipe the case.

 **Never use wax, alcohol, benzene, thinner or other chemical detergents. These can damage the case.**

### Storing the projector

If you need to store the projector for an extended time, please follow the instructions below:

- Make sure the temperature and humidity of the storage area are within the recommended range for the projector. Please refer to "[Specifications](#)" on page 94 or consult your dealer about the range.
- Retract the adjuster feet.
- Remove the battery from the remote control.
- Pack the projector in its original packing or equivalent.

### Transporting the projector

It is recommended that you ship the projector with its original packing or equivalent.

# LED Indicators

Status / Problems	LED indicators			LED Behavior
	Power	OK & Ring	Key	
Standby	Orange	Off	Off	Power LED slow flash
Power on	Orange	Orange	White	Light solid on sequence : Power→Key→Ring & OK
Cooling	Orange	Off	Off	Power LED slow flash
Fan I error	Off	Orange	White	Ring & OK LED flash and key LED light solid
Temp error	Off	Orange	Off	Ring & OK LED flash

# Troubleshooting

## ? The projector does not turn on.

Cause	Remedy
There is no power from the power cable.	Plug the AC adapter into the DC IN socket on the projector, plug the power cord into the AC inlet on the AC adapter, plug the power cord into the power outlet. If the power outlet has a switch, make sure that it is switched on.
Attempting to turn the projector on again during the cooling process.	Wait until the cooling down process has completed.

## ? No picture

Cause	Remedy
The source is not turned on or connected correctly.	Turn the source on and check that the signal cable is connected correctly.
The projector is not correctly connected to the input signal device.	Check the connection.
The input signal has not been correctly selected.	Select the correct input signal with the ◀/▶ key on the projector or remote control.

## ? Blurred image

Cause	Remedy
The projection lens is not correctly focused.	Adjust the focus of the lens using the focus ring.
The projector and the screen are not aligned properly.	Adjust the projection angle and direction as well as the height of the unit if necessary.

## ? Remote control does not work


Cause	Remedy
The battery is out of power.	Replace the battery with new one.
There is an obstacle between the remote control and the projector.	Remove the obstacle.
You are too far away from the projector.	Stand within 7 meters (23 feet) of the projector.

## ? The password is incorrect

Cause	Remedy
You do not remember the password.	Please see <a href="#">"Entering the password recall procedure"</a> on page 40 for details.

# Specifications

## Projector specifications

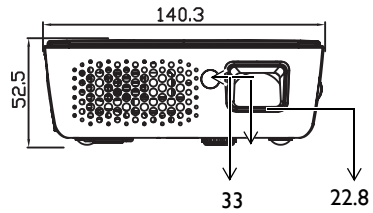
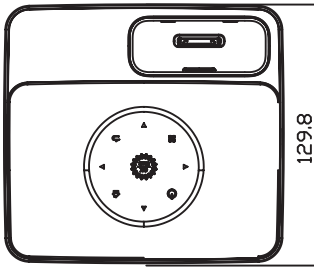
 All specifications are subject to change without notice.

<b>General</b>	
Product name	Mini Projector
Model name	GP3
<b>Optical</b>	
Resolution	1280 x 800 WXGA
Display system	I-CHIP DMD
Lens F/Number	F = 1.928 f = 26.95 mm
Lamp	LED
Throw Ratio	1.16 (40" @ 1m)
<b>Electrical</b>	
Power supply	AC100–240V, 3.42 A, 50-60 Hz (Automatic)
Power consumption	40/27W (Normal/Eco), <0.5W (Standby)
Keystone Adjustment	1D, Vertical +/- 40 degrees
<b>Mechanical</b>	
Dimensions	140.3 mm (W) x 52.5 mm (H) x 129.8 mm (D)
Weight	590g ( battery : 482g)
<b>Input terminal</b>	
Multi-input	
Computer input	D-Sub 15-pin (female) x 1
Component input	Analog - D-Sub <-> Component RCA jack x 3 (through RGB input) HDMI Digital Video x1 (mini type)
Video input	RCA jack x 1
HDMI	HDMI (v1.3) : x1 (mini type)
Audio input	RCA jack x 2 3.5 mm stereo mini jack x 1
USB-A type	For USB flash drive/Wi-Fi dongle. Supports videos/photos/music/documents/PC display/ Stream to me.
mini-B USB type	Supports USB display/USB file transfer
SD card slot	Supports videos/photos/music/documents
iPhone/iPod input	with embedded iPhone/iPod dock
Internal memory	2GB (900 MB for user usage)
<b>Output terminal</b>	
Audio output	3.5 mm stereo mini jack x 1
<b>Environmental Requirements</b>	

Operating temperature	0°C-35°C at sea level
Operating relative humidity	10%-90% (without condensation)
Operating altitude	<ul style="list-style-type: none"> <li>• 0-1499 m at 0°C-35°C</li> <li>• 1500-3000 m at 0°C-30°C (with High Altitude Mode on)</li> </ul> <p>*China region only applies at altitude up to 2000m.</p>

# Dimensions

140.3 mm (W) x 52.5 mm (H) x 129.8 mm (D)



# Timing chart

## Supported timing for PC input

Resolution	Mode	Vertical Frequency (Hz)	Horizontal Frequency (kHz)
720 x 400	720 x 400_70	70.087	31.469
640 x 480	VGA_60	59.940	31.469
	VGA_75	75.000	37.500
	VGA_85	85.008	43.269
	VGA_72	72.809	37.861
800 x 600	SVGA_60	60.317	37.879
	SVGA_75	75.000	46.875
	SVGA_85	85.061	53.674
	SVGA_56	56.250	35.156
	SVGA_72	72.188	48.077
1024 x 768	XGA_60	60.004	48.363
	XGA_70	70.069	56.476
	XGA_75	75.029	60.023
	XGA_85	84.997	68.667
1152 x 864	1152 x 864_75	75.00	67.500
1024 x 576	BenQ Notebook Timing	60.0	35.820
1024 x 600	BenQ Notebook Timing	64.995	41.467
1280 x 720	1280 x 720_60	60	45.000
1280 x 768	1280 x 768_60	59.870	47.776
1280 x 800	WXGA_60	59.810	49.702
	WXGA_75	74.934	62.795
	WXGA_85	84.880	71.554
1280 x 1024	SXGA_60	60.020	63.981
	SXGA_75	75.025	79.976
1280 x 960	1280 x 960_60	60.000	60.000
	1280 x 960_85	85.002	85.938
1360 x 768	1360 x 768_60	60.015	47.712
1440 x 900	WXGA+_60	59.887	55.935
1680 x 1050	1680 x 1050_60	59.954	65.290
640 x 480 @67Hz	MAC13	66.667	35.000
832 x 624@75Hz	MAC16	74.546	49.722



1024 x 768@75Hz	MAC19	74.93	60.241
1152 x 870@75Hz	MAC21	75.06	68.68

## Supported timing for HDMI input

### PC timings:

Resolution	Mode	Vertical Frequency (Hz)	Horizontal Frequency (kHz)
640 x 480	VGA_60	59.940	31.469
	VGA_72	72.809	37.861
	VGA_75	75.000	37.500
	VGA_85	85.008	43.269
720 x 400	720 x 400_70	70.087	31.469
800 x 600	SVGA_60	60.317	37.879
	SVGA_72	72.188	48.077
	SVGA_75	75.000	46.875
	SVGA_85	85.061	53.674
1024 x 768	XGA_60	60.004	48.363
	XGA_70	70.069	56.476
	XGA_75	75.029	60.023
	XGA_85	84.997	68.667
1152 x 864	1152 x 864_75	75.00	67.500
1024 x 576	BenQ Notebook Timing	60.000	35.820
1024 x 600	BenQ Notebook Timing	64.995	41.467
1280 x 720	1280 x 720_60	60	45.000
1280 x 768	1280 x 768_60	59.870	47.776
1280 x 800	WXGA_60	59.810	49.702
	WXGA_75	74.934	62.795
	WXGA_85	84.880	71.554
1280 x 1024	SXGA_60	60.020	63.981
	SXGA_75	75.025	79.976
1280 x 960	1280 x 960_60	60.000	60.000
	1280 x 960_85	85.002	85.938
1360 x 768	1360 x 768_60	60.015	47.712
1440 x 900	WXGA+_60	59.887	55.935
1400 x 1050	SXGA+_60	59.978	65.317
1680 x 1050	1680 x 1050_60	59.954	65.290
640 x 480@67Hz	MAC13	66.667	35.000
832 x 624@75Hz	MAC16	74.546	49.772
1024 x 768@75Hz	MAC19	75.020	60.241
1152 x 870@75Hz	MAC21	75.06	68.68

## Video timings:

Timing	Resolution	Vertical Frequency (Hz)	Horizontal Frequency (kHz)
480i*	720 (1440) × 480	59.94	15.73
480p	720 × 480	59.94	31.47
576i	720 (1440) × 576	50	15.63
576p	720 × 576	50	31.25
720/50p	1280 × 720	50	37.5
720/60p	1280 × 720	60	45.00
1080/24P	1920 × 1080	24	27
1080/25P	1920 × 1080	25	28.13
1080/30P	1920 × 1080	30	33.75
1080/50i	1920 × 1080	50	28.13
1080/60i	1920 × 1080	60	33.75
1080/50P	1920 × 1080	50	56.25
1080/60P	1920 × 1080	60	67.5

## Supported timing for Component-YPbPr input

Timing	Resolution	Vertical Frequency (Hz)	Horizontal Frequency (kHz)
480i*	720 × 480	59.94	15.73
480p	720 × 480	59.94	31.47
576i	720 × 576	50	15.63
576p	720 × 576	50	31.25
720/50p	1280 × 720	50	37.5
720/60p	1280 × 720	60	45.00
1080/50i	1920 × 1080	50	28.13
1080/60i	1920 × 1080	60	33.75
1080/24P	1920 × 1080	24	27
1080/25P	1920 × 1080	25	28.13
1080/30P	1920 × 1080	30	33.75
1080/50P	1920 × 1080	50	56.25
1080/60P	1920 × 1080	60	67.5

## Supported timing for Video input

Video mode	Vertical Frequency (Hz)	Horizontal Frequency (kHz)
NTSC*	60	15.73
PAL	50	15.63
SECAM	50	15.63
PAL-M	60	15.73
PAL-N	50	15.63
PAL-60	60	15.73
NTSC4.43	60	15.73

# Warranty and Copyright information

## Patents

This BenQ projector is covered by the following patents:

U.S. patents 7,181,318; TW patents 202690; 205470; I228635; I259932; China Patents ( 中国发明专利 ) ZL01143168.7; ZL03119907.0; ZL200510051609.2

## Limited warranty

BenQ warrants this product against any defects in material and workmanship, under normal usage and storage.

Proof of purchase date will be required with any warranty claim. In the event this product is found to be defective within the warranty period, BenQ's only obligation and your exclusive remedy shall be replacement of any defective parts (labor included). To obtain warranty service, immediately notify the dealer from which you purchased the product of any defects.

Important: The above warranty shall be void if the customer fails to operate the product in accordance with BenQ's written instructions, especially the ambient humidity must be in-between 10% and 90%, temperature in-between 0°C and 35°C, altitude lower than 4920 feet, and avoiding to operate the projector in a dusty environment. This warranty gives you specific legal rights, and you may have other rights which vary from country to country.

For other information, please visit [www.BenQ.com](http://www.BenQ.com).

## Copyright

© 2013 BenQ Corp. Specification may vary by region, please visit your local stores for details. Actual product's features and specifications are subject to change without notice.

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iPad, iPhone, iPod, iPod classic, iPod nano, iPod shuffle, and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries.

 is a trademark of SRS Labs, Inc.

WOW technology is incorporated under license from SRS Labs, Inc.

## **Regulatory Statements**

### **Battery Caution (if product includes remote control)**

- Do not put the remote control in the direct heat, humidity & Avoid fire.
- Do not drop the remote control.
- Do not expose the remote control to water or moisture, this could result in malfunction.
- Confirm there is no object between the remote control and the remote sensor of the product.
- When the remote control will not be used for an extended period, remove the batteries.

### **Battery safety notice (if product includes remote control)**

The use of the wrong type of batteries may cause chemical leaks or explosion. Please note the following:

- Always ensure that the batteries are inserted with the positive and negative terminals in the correct direction as shown in the battery compartment.
- Different types of batteries have different characteristics. Do not mix different types.
- Do not mix old and new batteries. Mixing old and new batteries will shorten battery life or cause chemical leaks from the old batteries.
- When batteries fail to function, replace them immediately.
- Chemicals which leak from batteries may cause skin irritation. If any chemical matter seeps out of the batteries, wipe it up immediately using a dry cloth, and replace the batteries as soon as possible.
- Due to varying storage conditions, the battery life for the batteries included with your product may be shortened. Replace them within 3 months or as soon as you can after initial use.
- There may be local restrictions on the disposal or recycling of batteries. Consult your local regulations or waste disposal provider.

### **FCC statement (for the United States only)**

CLASS B: This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the distance between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Operation is subject to the following two conditions:

- 1) this device may not cause interference and
- 2) this device must accept any interference, including interference that may cause undesired operation of the device.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

## **Accessibility Requirements for Rehabilitation Act of 1973, Section 508**

BenQ's commitment to accessible products allows us to support government in making accessible technology choices. BenQ's LCD monitors and projectors are compliant with Section 508 guidelines by including the assistive features as below:

- BenQ's monitors have colored "Power" indicators. While the indicator shows green, it means that the monitor is using the full power. While the indicator shows yellow or amber, it means that the monitor is in suspend or sleep mode and is using less than 2watts of electricity.
- BenQ's monitors have a variety of settings of pre-programmed flicker-free timing to make the screen shown on the monitor readily accessible. The default timing setting is automatically turned on every time the monitor is powered up, and thus reduces the hassle of user intervention.
- BenQ's monitors and projectors have options for brightness and contrast adjustments that text and images could be displayed differently to meet the demands of the visually impaired. Other similar adjustments are also available by using the On-Screen Display (OSD) controls on the products.
- BenQ's multimedia monitors and projectors usually have one or two speakers for audio performance which allow users (including hearing impaired) to interact with the computer systems connected. Speaker controls are typically located on the front-panel.
- Firmware of BenQ's monitors and projectors contain unique product information that helps computer systems to identify BenQ products and activate their Plug-and-Play function when connected.
- All BenQ's monitors and projectors are compatible with the PC99 standard. For example, connectors are color-coded to help users easily connecting products to computer systems correctly.
- Some models of BenQ's monitors and projectors contain additional USB and DVI ports for connection to more devices such as a special headphone to assist the hearing impaired.
- All BenQ monitors and projectors come with user manuals on compact discs which could be easily read by commercial software such as Adobe Reader via a connected computer system. These documents are also available on the BenQ's web site ([www.BenQ.com](http://www.BenQ.com)). Other types of documents may be available upon requests.
- BenQ's customer service provides answers and assistance to all our customers through phone calls, facsimiles, e-mails, or web sites.

### **IC statement (for Canadian users)**

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

The device complies with RSS-210 of the Industry Canada Rules. Operation is subject to the following two conditions (If the product within RF function):

- 1) this device may not cause interference and
- 2) this device must accept any interference, including interference that may cause undesired operation of the device.

Ce dispositif est conforme à la norme CNR-210 d'Industrie Canada applicable aux appareils radio exempts de licence. Son fonctionnement est sujet aux deux conditions suivantes: (1) le dispositif ne doit pas produire de brouillage préjudiciable, et (2) ce dispositif doit accepter tout brouillage reçu, y compris un brouillage susceptible de provoquer un fonctionnement indésirable.

### **For UK only**

- The mains lead (power cable) on the equipment comes with a moulded plug incorporating a fuse.
- The rating of the fuse is indicated on the pin face of the plug and, if it requires replacing, a fuse approved by ASTA or BSI to BS 1362 of the same rating must be used.
- If the plug has a detachable fuse cover, remember to place the fuse cover back if you need to change the fuse.
- Do NOT use a plug without the fuse cover. If the fuse cover is missing, contact your nearest BenQ Customer Service Center for assistance.

## **CE DOC**

### **English**

#### **DECLARATION OF CONFORMITY**

The device complies with the requirements set out in the Council Directives on the Approximation of the Laws of the Member States relating Electromagnetic Compatibility (2004/108/EC) and Low Voltage Directive (2006/95/EC) and Radio and Telecommunications Terminal Equipment Directive (1999/5/EC), the Restriction of The Use of Certain Hazardous Substances in Electrical And Electronic Equipment Directive (2011/65/EU), Turkish EEE Directive; Turkish ErP (Decision 2010/643);the Commission Regulation (EC) No 1275/2008 implementing Directive 2005/32/EC of the European Parliament and of the Council with regard to eco-design requirements for standby and off mode electric power consumption of electrical and electronic household and office equipment, and the Directive 2009/125/EC of the European parliament and of the council establishing a framework for the setting of eco-design requirements for energy-related products.

### **Français**

#### **DÉCLARATION DE CONFORMITÉ**

Cet appareil est conforme aux exigences énoncées dans les directives du Conseil sur le rapprochement des législations des États membres concernant la compatibilité électromagnétique (2004/108/CE) et la Directive basse tension (2006/95/CE), la directive équipements radio et équipements terminaux de télécommunication (1999/5/EC), la directive relative à la limitation de l'utilisation de certaines substances dangereuses dans les équipements électriques et électroniques(2011/65/UE), la directive EEE turc, le règlement (CE) n° 1275/2008 mettant en œuvre la directive 2005/32/CE du Parlement européen et du Conseil en ce qui concerne les exigences d'écoconception pour le mode veille et arrêt de la consommation d'énergie électrique d'appareils électriques et électroniques et matériel de bureau, et de la Directive 2009/125/EC du Parlement européen et du Conseil établissant un cadre pour la fixation d'exigences en matière d'écoconception applicables aux produits liés à l'énergie.

### **Español**

#### **DECLARACIÓN DE CONFORMIDAD**

Este dispositivo cumple con los requisitos establecidos en las Directivas del Consejo sobre la Aproximación de las Leyes de los Estados Miembros en relación con la Directiva de Compatibilidad Electromagnética (2004/108/EC) y Directiva de Bajo Voltaje (2006/95/EC) y la Directiva sobre equipos radioeléctricos y terminales de comunicación (1999/5/EC), la Directiva sobre la restricción del uso de ciertas sustancias peligrosas en equipos eléctricos y electrónicos (2011/65/UE), la directiva EEE turca, Reglamento (CE) n° 1275/2008 de la Comisión, por el que se desarrolla la Directiva 2005/32/CE del Parlamento Europeo y del Consejo en lo concerniente a los requisitos de diseño ecológico aplicables al consumo de energía eléctrica en los modos preparado y desactivado de los equipos eléctricos y electrónicos domésticos y de oficina y la Directiva 2009/125/EC del Parlamento Europeo y del Consejo por la que se insta un marco para el establecimiento de requisitos de diseño ecológico aplicables a los productos relacionados con la energía.



## Deutsch

### **KONFORMITÄTSERKLÄRUNG**

Dieses Gerät erfüllt die Voraussetzungen, welche in den Richtlinien zur Angleichung der Rechtsvorschriften der Mitgliedstaaten in Bezug auf elektromagnetische Kompatibilität (2004/108/EC), Niederspannungsrichtlinie (2006/95/EC), Richtlinie für Funkanlagen und Telekommunikations-Endeinrichtungen (1999/95/EC), Beschränkung der Verwendung bestimmter gefährlicher Stoffe in Elektro- und Elektronikgeräten (2011/65/EU), Türkische EEE-Direktive, Kommissionreglementierung (EC) Nr. 1275/2008 zur Ausführung der Direktive 2005/32/EC des Europaparlamentes und des Rats für Öko-Design-Voraussetzungen für Stromverbrauch im Standby- und Aus-Modus von Elektro- und Elektronikgeräten für den Heim- und Bürogebrauch und die Direktive 2009/125/EC des Europaparlamentes und es Rats zu Etablierung eines Rahmens zum Aufstellen von Voraussetzungen für Öko-Designs für Energie verbrauchende Produkte aufgestellt wurden.

## Italiano

### **DICHIARAZIONE DI CONFORMITÀ**

Il dispositivo è conforme con i requisiti esposti nel Consiglio Direttivo in materia di Approssimazione delle Leggi degli Stati Membri in relazione alla Compatibilità Elettromagnetica (2004/108/EC) e alla Direttiva basso voltaggio (2006/95/EC) e alla Direttiva sugli Apparati Radio e Terminali di Telecomunicazione (1999/5/EC), Direttiva sulla restrizione dell'uso di sostanze pericolose nelle apparecchiature elettriche ed elettroniche (RoHS) (2011/65/UE), Direttiva EEE turca, Regolamento della Commissione (EC) No 1275/ 2008 che implementa la Direttiva 2005/32/EC del Parlamento europeo e del Consiglio in merito ai requisiti di ecodesign per il consumo di alimentazione elettrica in modalità standby e spento per le apparecchiature elettriche domestiche e di lavoro, e la Direttiva 2009/ 125/EC del Parlamento europeo e del Consiglio che stabilisce la struttura dell'impostazione dei requisiti di ecodesign per prodotti basati su energia.

## Русский

### **ЗАЯВЛЕНИЕ О СООТВЕТСТВИИ**

Это устройство соответствует требованиям Комиссии на основе законов государств-участников относительно электромагнитной совместимости (2004/108/EC), директиве для низковольтного оборудования (2006/95/EC) и директиве о радио- и телекоммуникационном терминальном оборудовании (1999/5/EC), Директивы по ограничению использования некоторых опасных веществ в электрическом и электронном оборудовании (2011/65/EU), Турецкой директивы EEE, Правил комиссии (EC) No 1275/2008 обеспечивающей выполнение Директивы 2005/32/EC Европейского Парламента и Совета относительно требований экодизайна для потребления энергии в режиме ожидания и в режиме отключения бытовым электрическим и электронным оборудованием и офисной техникой, и Директивой 2009/125/EC Европейского парламента и совета, установившего рамки для создания требований экодизайна для электроприборов.

## Svenska

### **KONFORMITETSDEKLARATION**

Denna enhet uppfyller kraven i rådets direktiv om tillnärmning av medlemsstaternas lagstiftning om elektromagnetisk kompatibilitet (2004/108/EG) och lågspänningsdirektiv (2006/95/EG) och direktivet om radioutrustning och teleterminalutrustning (1999/5/EC), begränsning av användningen av vissa farliga ämnen i elektriska och elektroniska produkter (2011/65/EU), turkiskt EEE-direktiv, kommissionsbestämmelse (EG) nr. 1275/2008 med implementering av direktiv 2005/32/EG i Europaparlamentet och rådet för att fastställa krav på ekodesign för standby- och av-läge för strömförbrukning i elektriska och elektroniska hushålls- och kontorsapparater, och Europaparlamentets och rådets direktiv 2009/125/EG om upprättande av en ram för att fastställa krav på ekodesign för energirelaterade produkter.

## Nederlands

### **VERKLARING VAN OVEREENSTEMMING**

Dit apparaat voldoet aan de vereisten van de Richtlijn van de Raad betreffende de onderlinge aanpassing van de wetgeving van de lidstaten inzake elektromagnetische compatibiliteit (2004/108/EG) en de Richtlijn betreffende Lage spanningen (2006/95/EG) en de Richtlijn betreffende Radio- en telecommunicatieapparatuur (1999/5/EG), betreffende de beperkingen van het gebruik van bepaalde gevaarlijke stoffen in elektrische en elektronische apparatuur (2011/65/EU), Turkse EEE Richtlijn, Verordening (EG) nr. 1275/2008 tot vaststelling van uitvoeringsbepalingen van Richtlijn 2005/32/EC van het Europees Parlement en de Raad, wat betreft voorschriften inzake ecologisch ontwerp voor het elektriciteitsverbruik van elektrische en elektronische huishoud- en kantoorapparatuur in de stand-by-stand en de uit-stand, en Richtlijn 2009/125/EC van het Europees Parlement en de Raad betreffende de totstandbrenging van een kader voor het vaststellen van eisen inzake ecologisch ontwerp voor energiegerelateerde producten.

## Polski

### **Oświadczenie zgodności**

To urządzenie jest zgodne z wymaganiami ustalonymi Dyrektywą Rady o zbliżeniu przepisów prawnych państw członkowskich dotyczących kompatybilności elektromagnetycznej (2004/108/EC), dyrektywą niskiego napięcia (2006/95/EC), dyrektywą w sprawie urządzeń radiowych i końcowych urządzeń telekomunikacyjnych (1999/5/EC), dyrektywą ograniczenia stosowania niektórych niebezpiecznych substancji w wyposażeniu elektrycznym i elektronicznym (2011/65/UE), turecką dyrektywą EEE, rozporządzeniem komisji (WE) nr 1275/2008 w sprawie wykonania dyrektywy 2005/32/WE Parlamentu Europejskiego i Rady w odniesieniu do wymogów dotyczących ekoprojektu dla zużycia energii przez elektryczne i elektroniczne urządzenia gospodarstwa domowego i urządzenia biurowe w trybie czuwania i wyłączenia oraz dyrektywą 2009/125/EC, ustanawiającą ogólne zasady ustalania wymogów dotyczących ekoprojektu dla produktów związanych z energią.

## **PROHLÁŠENÍ O SHODĚ**

Toto zařízení odpovídá požadavkům stanoveným ve směrnici Rady o sblížení právních předpisů členských států týkajících se elektromagnetické kompatibility (2004/108/ES), ve směrnici týkající se nízkonapěťových zařízení (2006/95/ES), ve směrnici o rádiových zařízeních a telekomunikačních koncových zařízeních (1999/5/ES), ve směrnici o omezení používání některých nebezpečných látek v elektrických a elektronických zařízeních (2011/65/EU), v turecké směrnici EEE, v nařízení Komise (ES) č. 1275/2008, kterým se provádí směrnice 2005/32/ES Evropského parlamentu a Rady týkající se požadavků na ekodesign z hlediska spotřeby elektrické energie u elektrických a elektronických zařízení v pohotovostním režimu a ve vypnutém stavu určených pro domácnosti a kanceláře avesměrnici Evropského parlamentu a Rady 2009/125/ES o stanovení rámce pro určení požadavků na ekodesign výrobků spojených se spotřebou energie.

## **UYUM BEYANI**

Bu aygıt Üye Ülkelerin Yasalarının Yakınlaştırılması bağlamında Konsey Direktifleri dahilinde getirilen gereklilikler, Elektromanyetik Uyumluluk (2004/108/EC) ve Düşük Voltaj Direktifi (2006/95/EC) ve Radyo ve Telekomünikasyon Terminal Ekipmanı Direktifi (1999/5/EC), Elektrikli ve Elektronik Aletlerde Tehlikeli Maddelerin Kullanımıyla İlgili Sınırlamalar Direktifi (2011/65/EU) i Türkiye EEC Direktifi, Türk ErP (Karar 2010/643); Avrupa Parlamentosu ve Konseyinin elektrikli ve elektronik ev aletleri ve büro ekipmanlarının bekleme ve kapalı moddayken elektrik tüketimleriyle ilgili eko-tasarım gereklilikleri bağlamında yayınlamış olduğu 2005/32/EC numaralı Direktifin uygulanmasıyla ilgili Komisyon Tüzüğü (EC) No 1275/2008 ve Avrupa Parlamentosu veKonseyinin enerji sarfiyatıyla ürünlerin eko-tasarım gerekliliklerinin düzenlenmesi bağlamında bir çerçeve çizen 2009/125/EC numaralı Direktifiyle uyumludur.

## **DECLARAÇÃO DE CONFORMIDADE**

O dispositivo está conforme aos requisitos definidos pelas Directivas do Conselho sobre a Aproximação das Leis dos Estados-Membros relativamente à Compatibilidade Electromagnética (2004/108/CE) e Directiva de Baixa Tensão (2006/95/CE) e a Directiva relativa aos equipamentos de rádio e equipamentos terminais de telecomunicações (1999/5/CE), a restrição do uso de determinadas substâncias perigosas em equipamentos eléctricos e electrónicos (2011/65/EU), Directiva Turca EEE, Regulamento da Comissão (EC) nº. 1275/2008 que implementa a Directiva 2005/32/EC do Parlamento Europeu e do Conselho relativamente aos requisitos de eco-design para consumo de energia eléctrica no modo de suspensão e desligado de equipamentos eléctricos e electrónicos domésticos e de escritório, e a Directiva 2009/125/EC do Parlamento Europeu e do Conselho, que estabelece uma base para a definição dos requisitos de eco-design para produtos relacionados com energia.

## Magyar

### **MEGFELELŐSÉGI NYILATKOZÁS**

Az eszköz megfelel a Bizottság tagállamainak harmonizált jogszabályainak az elektromágneses kompatibilitás (2004/108/EK) és a kisfeszültségű direktíva (2006/95/EK), a rádiófrekvenciás és telekommunikációs végberendezések direktíva (1999/5/EK), továbbá az elektromos eszközök egyes veszélyesanyag-felhasználását korlátozó direktíva (2011/65/EU), a török EEE direktíva, a 1275/2008 sz. Bizottsági szabályozás (EK) (amely az Európai Parlament és a Bizottság 2005/32/EK sz. direktíváját vezeti be az elektromos és elektronikus háztartási és irodai eszközök környezetbarát kialakításával, környezetbarát készlenléti és kikapcsolt állapotbeli fogyasztásával kapcsolatban) és az Európai Parlament és a Bizottság 2009/125/EK sz. direktíva (amely az energiahasználó termékek környezetbarát kialakítási követelményeinek keretrendszerét határozza meg) tekintetében.

## Български

### **ДЕКЛАРАЦИЯ ЗА СЪОТВЕТСТВИЕ**

Това устройство отговаря на изискванията, установени от директивите на Европейския съюз за хармонизиране на законодателствата на държавите-членки в областта на електромагнитната съвместимост (2004/108/EC), Директивата за ниско напрежение (2006/95/EC), Директивата за радио и телекомуникационно терминално оборудване (1999/5/EC), Директивата за ограничаване на употребата на някои опасни вещества в електрическото и електронното оборудване (2011/65/EC), турската EEE Директива, Регламент № 1275/2008 на Комисията (EC) по изпълнение на Директива 2005/32/EC на Европейския парламент и на Съвета относно изискванията по отношение на екологичния дизайн за потребление на електроенергия в режим на готовност и изключено положение от електронни и електрически домакински уреди и офис оборудване и Директива 2009/125/EC на Европейския парламент и на Съвета, които установяват работна рамка за създаване на изисквания за екологичен дизайн насвързани с енергетиката продукти.

## Hrvatski

### **DEKLARACIJA O USKLAĐENOSTI**

Uređaj je u skladu sa zahtjevima navedenim u Direktivama komisije za usklađivanje zakona država članica u svezi elektromagnetske kompatibilnosti (2004/108/EC) i Direktivom za niske napone (2006/95/EC) i Direktivom za radio i telekomunikacijske terminalne uređaje (1999/5/EC), Direktivi o ograničenju upotrebe određenih opasnih tvari u električnoj i elektroničkoj opremi (2011/65/EU), EEE direktivi Turske, Propisu komisije (EC) br. 1275/2008 o implementiranju Direktive 2005/32/EC Europskog parlamenta i Vijeća po pitanju ekodizajnerskih zahtjeva za električnu potrošnju u mirovanju i isključenom stanju električne i elektroničke opreme u kućanstvu i uredima, te Direktive 2009/125/EC Europskog parlamenta i Vijeća koja uspostavlja radni okvir za određivanje ekodizajnerskih zahtjeva za energetske proizvode.

## Română

### **DECLARAȚIE DE CONFORMITATE**

Acest dispozitiv este în conformitate cu prevederile stabilite prin Directivele Consiliului privind apropierea legislațiilor statelor membre cu privire la compatibilitatea electromagnetică (2004/108/CE) și Directiva privind joasa tensiune (2006/95/CE) și Directiva privind echipamentele hertziene și echipamentele terminale de telecomunicații (1999/5/CE), Directiva de Restricție a Utilizării Anumitor Substanțe Periculoase în Echipamentele Electrice și Electronice (2011/65/UE), Directive EEE pentru Turcia, Regulamentul Comisiei (EC) Nr. 1275/2008 de implementare a Directivei 2005/32/EC a Parlamentului European și a Consiliului cu privire la elementele de design ecologic pentru consumul energetic al echipamentelor electrice și electronice de uz casnic și de birou în modurile de așteptare și oprire și Directiva 2009/125/EC a Parlamentului European și a Consiliului pentru stabilirea unui cadru de lucru în îndeplinirea cerințelor de design ecologic al produselor cu consum energetic.

## Ελληνικά

### **ΔΗΛΩΣΗ ΣΥΜΜΟΡΦΩΣΗΣ**

Η παρούσα συσκευή συμμορφώνεται με τις απαιτήσεις που ορίζονται στις Οδηγίες του Ευρωπαϊκού Συμβουλίου για την προσέγγιση των νομοθεσιών των χωρών-μελών σχετικά με την Ηλεκτρομαγνητική Συμβατότητα (2004/108/ΕΚ) και την Οδηγία περί Χαμηλών Τάσεων (2006/95/ΕΚ) και την Οδηγία περί Τερματικού εξοπλισμού Ραδιοφωνίας και Τηλεπικοινωνιών (1999/5/ΕΚ), στην απαγόρευση της χρήσης ορισμένων επικίνδυνων υλικών στην Οδηγία Ηλεκτρικού και ηλεκτρονικού εξοπλισμού (2011/65/ΕΕ), στην Τουρκική οδηγία EEE, στον Κανονισμό της Επιτροπής (ΕΚ) Αρ. 1275/2008 που εφαρμόζει την Οδηγία 2005/32/ΕΚ του Ευρωπαϊκού Κοινοβουλίου και του Συμβουλίου όσον αφορά τις απαιτήσεις οικολογικού σχεδιασμού για κατανάλωση ρεύματος στην αναμονή και στην απενεργοποίηση του ηλεκτρικού και ηλεκτρονικού εξοπλισμού, οικιακού εξοπλισμού και εξοπλισμού γραφείου και την Οδηγία 2009/125/ΕΚ του Ευρωπαϊκού Κοινοβουλίου και του Συμβουλίου που εγκαθιστά ένα πλαίσιο για τη ρύθμιση των απαιτήσεων οικολογικού σχεδιασμού για προϊόντα που έχουν σχέση με την κατανάλωση ενέργειας.

## Danich

### **OVERENSSTEMMELSESESKLÆRING**

Apparatet er i overensstemmelse med kravene i Rådets direktiver om indbyrdes tilnærmelse af medlemsstaternes lovgivning om elektromagnetisk kompatibilitet (2004/108/EF) og lavspændingsdirektiv (2006/95/EF) og radio- og teleterminaludstyr (1999/5/EF), begrænsning af anvendelsen af visse farlige stoffer i elektrisk og elektronisk udstyr (2011/65/EU), Tyrkisk EEE direktiv, Kommissionens forordning (EF) nr. 1275/2008 om gennemførelse af direktiv 2005/32/EF af Europa-Parlamentets og Rådets direktiv med hensyn til krav til miljøvenligt design for elforbrug i standbytilstand og slukket tilstand af elektrisk og elektronisk husholdnings- og kontorudstyr, og direktiv 2009/125/EF af Europa-Parlamentet og Rådet om rammerne for fastlæggelse af krav til miljøvenligt design af energiforbrugende produkter.

## **Finnish**

### **VAATIMUSTENMUKAISUUSVAKUUTUS**

Laite täyttää sähkömagneettista yhteensopivuutta koskevan EMC-direktiivin (2004/108/EY), pienjännitedirektiivin (2006/95/EY), radio- ja telepäätelaitedirektiivin (1999/5/EY) ja vaarallisten aineiden käytön rajoittamista sähkö- ja elektroniikkalaitteissa koskevan direktiivin (2011/65/EU), turkkilaisen EEE-direktiivin; komission asetuksen (EY) N:o 1275/2008 direktiivin 2005/32/EY täytäntöönpanosta kotitalouksissa ja toimistoissa käytettävien sähkö- ja elektroniikkalaitteiden lepovirtakulutuksen ekologista suunnittelua koskevien vaatimusten osalta sekä Euroopan parlamentin ja neuvoston direktiivin 2009/125/EY energiaan liittyvien tuotteiden ekologiselle suunnittelulle asetettävien vaatimusten puitteista.

## **Norwegian**

### **SAMSVARERKLÆRING**

Enheten er i samsvar med de angitte kravene i EU-direktivene om tilnærming av lovene i medlemslandene angående elektromagnetisk kompatibilitet (2004/108/EC), lavspenning (2006/95/EC) og radio og telekommunikasjonsutstyr (1999/5/EC), begrensningen i bruk av visse farlige substanser i EU-direktivet for elektrisk og elektronisk utstyr (2011/65/EU), det tyrkiske EEE-direktivet, EU-kommisjonsforskrift nr. 1275/2008 som iverksetter EU-parlamentets og EU-rådets direktiv 2005/32/EC angående øko-designkrav til strømforbruk i beredt og avslått elektrisk og elektronisk utstyr til hjem og kontor og EU-parlamentets direktiv 2009/125/EC som etablerer et rammeverk for etableringen av øko-designkrav for energirelaterte produkter.

## **WEEE directive**

### **English**

#### **Disposal of Waste Electrical and Electronic Equipment and/or Battery by users in private households in the European Union.**



WEEE



Battery

This symbol on the product or on the packaging indicates that this can not be disposed of as household waste. You must dispose of your waste equipment and/or battery by handing it over to the applicable take-back scheme for the recycling of electrical and electronic equipment and/or battery. For more information about recycling of this equipment and/or battery, please contact your city office, the shop where you purchased the equipment or your household waste disposal service. The recycling of materials will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and environment.

**Recycling information: See <http://www.benq.com/support/recycle> for details.**

### **Français**

## **Directive DEEE**

#### **Mise au rebut des déchets d'équipements électriques et électroniques et/ou des piles par les particuliers dans l'Union Européenne.**



WEEE



Pile

Ce symbole figurant sur le produit ou l'emballage signifie que celui-ci ne peut pas être jeté avec les ordures ménagères. Vous devez mettre vos déchets d'équipements et/ou piles au rebut en le déposant dans un point de collecte prévu à cet effet afin que les équipements électroniques et électriques et/ou piles soient recyclés. Pour de plus amples informations sur le recyclage de ce produit et/ou cette pile, veuillez prendre contact avec l'organisme local compétent, le service d'élimination des déchets ménagers ou le point de vente du produit. Le recyclage des matériaux aidera à conserver les ressources naturelles et à s'assurer qu'ils seront recyclés d'une façon que cela protège la santé humaine et l'environnement.

**Recycling information: See <http://www.benq.com/support/recycle> for details.**

**Directiva WEEE**



WEEE

**Residuos de aparatos eléctricos y electrónicos y/o batería por parte de los usuarios domésticos privados en la Unión Europea.**

El símbolo que muestra el producto o el embalaje indica que no puede ser desechado como residuo doméstico. Para desechar el equipo siga las directrices aplicables para el reciclaje de equipo eléctrico y electrónico y/o batería.



Batería

Para obtener más información sobre el reciclaje de este equipo y/o batería, póngase en contacto con el ayuntamiento, la tienda donde adquirió el equipo o el servicio de recogida de basuras. Al reciclar materiales ayudamos a conservar el medio natural y a garantizar el reciclaje de manera que proteja la salud y el medioambiente.

**Recycling information: See <http://www.benq.com/support/recycle> for details.**

**WEEE-Richtlinie**



WEEE

**Entsorgung von Elektro- und Elektronikgeräten bzw. Batterien in Privathaushalten der Europäischen Union.**

Das Symbol auf der Produktverpackung zeigt an, dass dieses Gerät nicht mit dem normalen Hausmüll entsorgt werden darf. Sie sind verpflichtet, Ihre Altgeräte bzw. Batterien entsprechend der geltenden Bestimmungen für die Wiederverwertung von Elektro- und Elektronik-Altgeräten bzw. Batterien zu entsorgen. Weitere Informationen über das Recycling dieses Geräts bzw. Batterie erhalten Sie von Ihren örtlichen Behörden, Ihrem Fachhändler oder der lokalen Rücknahmestelle. Fachgerechtes Wertstoffrecycling spart nicht nur wertvolle Ressourcen, sondern schützt auch Umwelt und Gesundheit.



Batterie

**Recycling information: See <http://www.benq.com/support/recycle> for details.**

**Direttiva WEEE**



WEEE

**Smaltimento di apparecchi elettrici ed elettronici e/o batterie nell'Unione Europea da parte di utenti privati.**

Questo simbolo sul prodotto o sulla confezione indica che l'articolo non può essere smaltito come i normali rifiuti domestici. È necessario smaltire le apparecchiature e/o batterie secondo quanto previsto dagli schemi di recupero per il riciclaggio di apparecchiature elettriche e elettroniche e/o batterie. Per ulteriori informazioni sul riciclaggio di questo apparecchio e/o batteria, contattare l'ente della propria città, il negozio dove è stato acquistato l'apparecchio o il proprio servizio di smaltimento rifiuti domestici. Il riciclaggio dei materiali contribuisce a ridurre il consumo di risorse naturali e assicura che i materiali siano riciclati tutelando la salute umana e l'ambiente.



Batteria

**Recycling information: See <http://www.benq.com/support/recycle> for details.**



## Директива WEEE



WEEE



Аккумулятор

### Утилизация электрического и электронного оборудования и/или аккумуляторов населением в Европейском союзе.

Данный символ на изделии или на упаковке означает, что данное изделие запрещается утилизировать наравне с бытовыми отходами. Вы должны сдавать все пришедшие в негодность устройства и/или аккумуляторы для утилизации на специальный пункт сбора электрических или электронных устройств и/или аккумуляторов. Для получения подробных сведений о переработке этого оборудования и/или аккумуляторов обратитесь в местные органы управления, магазин, в котором был приобретен продукт, или службу по сбору бытовых отходов. Переработка материалов поможет сохранить природные ресурсы и обеспечит безопасность для здоровья людей и окружающей среды.

**Recycling information: See <http://www.benq.com/support/recycle> for details.**

## WEEE-direktiv



WEEE



Batteri

### Riktlinjer för kassering av avfall som utgörs av eller innehåller elektriska eller elektroniska produkter och/eller batteri, gällande hushåll i EU.

Den här symbolen kan finnas på produkten eller på förpackningen och betyder att produkten inte kan kasseras som vanligt hushållsavfall. När du vill kassera produkten och/eller batteri måste du lämna in den på det ställe som avses för återvinning av elektriska eller elektroniska produkter och/eller batteri. Om du vill ha mer information om återvinning av den här typen av utrustning och/eller batteri kan du vända dig till din kommun, ditt inköpsställe eller till den lokala sophämtningen. Genom att återvinna materialet i produkten kan vi spara på naturtillgångarna och försäkra oss om att produkten återvinns på ett sätt som skyddar människors hälsa och miljön.

**Recycling information: See <http://www.benq.com/support/recycle> for details.**

## WEEE-richtlijn



WEEE



Accu

### Wegwerpen van elektrische en elektronische apparatuur en/of accu's door huishoudens in de Europese Unie.

Dit symbool geeft aan dat het product niet met het huishoudelijke afval kan worden aangeboden. U moet afgedankte apparatuur en/of accu's wegwerpen door ze in te leveren op de inzamelpunten voor elektrische en elektronische apparatuur en/of accu's. Voor meer informatie over het hergebruik van deze apparatuur en/of de accu neemt u contact op met uw gemeente, de winkel waar u de apparatuur hebt gekocht of de milieudienst van de gemeente. Door het recyclen van de materialen worden natuurlijke hulpbronnen behouden en helpt u de natuur en de volksgezondheid te beschermen.

**Recycling information: See <http://www.benq.com/support/recycle> for details.**

**Polski**

## **Dyrektywa WEEE**



WEEE



Bateria

**Utylizacja odpadów z urządzeń elektrycznych i elektronicznych lub baterii przez użytkowników prywatnych w Unii Europejskiej.**

Ten symbol na urządzeniu lub opakowaniu oznacza, że nie może być ono utylizowane razem z odpadami domowymi. Zużyty sprzęt lub baterie należy przekazać do odpowiedniego punktu zwrotu sprzętu elektrycznego i elektronicznego w celu wtórnego przetworzenia. Szczegółowe informacje dotyczące wtórnego przetwarzania tych urządzeń lub baterii można uzyskać, kontaktując się z lokalną administracją, sprzedawcą lub lokalnym przedsiębiorstwem oczyszczania. Przetwarzanie wtórne materiałów pomaga w zachowaniu surowców naturalnych i utylizacji w sposób przyjazny dla ludzkiego zdrowia i środowiska.

**Recycling information: See <http://www.benq.com/support/recycle> for details.**

**Čeština**

## **Směrnice WEEE**



WEEE



Baterie

**Likvidace vyřazených elektrických a elektronických zařízení anebo baterií v domácnostech uživatelů v Evropské unii.**

Tento symbol na výrobku nebo na jeho obalu znamená, že dané zařízení nelze vyhodit do běžného domovního odpadu. Vyřazené elektrické nebo elektronické zařízení anebo baterii je nutno zlikvidovat odevzdáním k recyklaci v souladu s platným plánem recyklace elektrických a elektronických zařízení anebo baterií. Další informace o recyklaci tohoto zařízení anebo baterií získáte u místních úřadů, v obchodě, kde jste výrobek zakoupili nebo u společnosti, která se zabývá likvidací domovního odpadu. Recyklace materiálů pomáhá chránit přírodní zdroje a zaručuje likvidaci výrobku způsobem, který je šetrný k lidskému zdraví a životnímu prostředí.

**Recycling information: See <http://www.benq.com/support/recycle> for details.**

**Türkçe**

## **WEEE direktifi**



WEEE



Pil

**Avrupa Birliği ülkelerinde özel ev eşyası kullanıcıları tarafından Elektrikli ve Elektronik Cihazların ve/veya Pillerin Atılması.**

Ürün yada ambalaj üzerindeki bu sembol, bunun evsel atık olarak işlem görmemesi gerektiğini ifade etmektedir. Atık cihazınızı ve/veya pilleri, elektrikli ve elektronik cihazların ve/veya pillerin geri dönüşümü için uygulanabilir geri alma şemasına göre ele alarak atmalısınız. Bu cihazın ve/veya pillerin geri dönüşümü hakkında daha fazla bilgi edinmek için lütfen cihazı satın aldığınız yerel bayiye veya dükkana yada ev eşyası uzaklaştırma servisine başvurun. Materyallerin geri dönüşümü, doğal kaynakların korunmasını ve insan sağlığına ve çevreye zarar verilmeksizin geri dönüştürülmesini güvence etmektedir.

Recycling information: See <http://www.benq.com/support/recycle> for details.

### Português

#### Directiva REE



WEEE



Bateria

#### Eliminação de Resíduos de Equipamentos Eléctricos e Electrónicos e/ou Baterias por particulares na União Europeia.

Este símbolo no produto ou na embalagem indica que não pode ser eliminado como lixo doméstico. Deverá eliminar os resíduos dos seus equipamentos e/ou baterias entregando-os nos pontos de recolha aplicáveis para reciclagem de equipamentos de equipamentos eléctricos e electrónicos e/ou baterias. Para mais informações sobre a reciclagem destes equipamentos e/ou baterias, contacte a sua câmara municipal, a loja onde adquiriu o equipamento ou serviço de recolha de lixo doméstico. A reciclagem de materiais contribuirá para a conservação dos recursos naturais e assegura que são reciclados de forma a proteger a saúde humana e o ambiente.

Recycling information: See <http://www.benq.com/support/recycle> for details.

### Magyar

#### WEEE irányelv



WEEE



Akkumulátor

#### Az Európai Unióban a háztartások elektromos és elektronikus hulladékainak és/vagy az akkumulátorok kezeléséről szóló irányelv.

A terméken vagy a csomagoláson ez a szimbólum azt jelzi, azt aháztartási hulladékoktól külön kell kezelni. A készüléket és/vagy az akkumulátorokat az elektronikus és elektromos hulladékokra és/vagy az akkumulátorokra érvényes újrahasznosítási rendszer keretein belül kell leadni újrahasznosításra. A készülék és/vagy akkumulátorok újrahasznosítás céljára való begyűjtéséről bővebb információt kaphat a helyi önkormányzatnál, a vásárlás helyén vagy a háztartási hulladékot szállító szolgáltatójánál. Az anyagok újrahasznosításra való begyűjtése hozzájárul a természeti erőforrások megőrzéséhez és biztosítja, hogy a hulladékok szelektálása az emberi egészséget és a környezetet védő módon történjék.

Recycling information: See <http://www.benq.com/support/recycle> for details.

## Директива WEEE



WEEE



Батерия

**Изхвърляне на отпадъчно електрическо и електронно оборудване и/или батерии от потребители в частни домакинства в Европейския съюз.**

Този символ върху продукт или неговата опаковка указва, че не може да бъде изхвърлян заедно с останалите домакински отпадъци. Трябва да изхвърлите отпадъчното оборудване и/или батерии, като го предадете в подходящ пункт за събиране и рециклиране на електрическо и електронно оборудване и/или батерии. За повече информация относно рециклирането на този уред и/или батерии, моля, свържете се със съответния офис във Вашия град, с магазина, от който сте закупили продукта или с местната служба за събиране на битови отпадъци. Рециклирането на материалите ще спомогне за запазване на природните ресурси и ще осигури рециклиране по запазващ човешкото здраве иколонната среда начин.

**Recycling information: See <http://www.benq.com/support/recycle> for details.**

## **Hrvatski**

## WEEE direktiva



WEEE



Батерия

**Odlaganje u otpad električnih i elektroničkih uređaja i/ili baterija iz kućanstava u Europskoj uniji.**

Ovaj simbol na proizvodu ili pakiranju naznačuje da se ovaj proizvod ne može odbaciti s kućnim otpadom. Uređaje za otpad i/ili baterije trebete odložiti u otpad u skladu s pravilima povrata, zbrinjavanja i reciklaže električnih i elektroničkih uređaja i/ili baterija. Više informacija o recikliranju ovog uređaja i/ili baeterije, potražite u vašem mjesnom uredu, u trgovini gdje ste kupili proizvod ili u službi koja prikuplja vaš kućni otpad. Recikliranje materijala pomoći će očuvanju prirodnih resursa i osigurati recikliranje na način koji štiti ljudsko zdravlje i prirodni okoliš.

**Recycling information: See <http://www.benq.com/support/recycle> for details.**

**Directiva WEEE**



WEEE



Baterie

**Evacuarea deșeurilor echipamentelor electrice și electronice și/sau bateriilor de către utilizatorii casnici din Uniunea Europeană.**

Acest simbol de pe produs sau de pe ambalaj indică că acest produs nupoate fi evacuat ca deșeu casnic. Trebuie să evacuați deșeurile de echipamente și/sau bateria prin predarea conform schemei de preluare pentru reciclare a componentelor electrice și electronice și/sau a bateriilor. Pentru informații suplimentare privind reciclarea acestui echipament și/sau a bateriei, contactați primăria orașului dvs., magazinul de unde ați achiziționat echipamentul sau serviciul de salubritate pentru deșeuri menajere. Reciclarea acestor materiale va ajuta la păstrarea resurselor naturale și asigură că sunt reciclate într-o modalitate care protejează viața și mediul oamenilor.

**Recycling information: See <http://www.benq.com/support/recycle> for details.**

**Οδηγία WEEE**



WEEE



Μπαταρία

**Απόρριψη άχρηστου ηλεκτρολογικού και ηλεκτρονικού εξοπλισμού ή/και μπαταριών από χρήστες σε νοικοκυριά εντός της Ευρωπαϊκής Ένωσης.**

Το παρόν σύμβολο στο προϊόν ή τη συσκευασία υποδηλώνει ότι αυτό δεν μπορεί να απορριφθεί με τα οικιακά απορρίμματα. Πρέπει να φροντίσετε για την απόρριψη του άχρηστου εξοπλισμού σας ή/και μπαταριών, παραδίδοντάς τα σε αρμόδιο φορέα παραλαβής με σκοπό την ανακύκλωση ηλεκτρολογικού και ηλεκτρονικού εξοπλισμού ή/και μπαταριών. Για περισσότερες πληροφορίες σχετικά με την ανακύκλωση του παρόντος εξοπλισμού ή/και μπαταριών, παρακαλούμε απευθυνθείτε στο αρμόδιο γραφείο του δήμου, στο κατάστημα όπου αγοράσατε τον εξοπλισμό ή στην υπηρεσία αποκομιδής οικιακών απορριμμάτων. Η ανακύκλωση των υλικών θα βοηθήσει την εξοικονόμηση φυσικών πόρων και θα διασφαλίσει ότι αυτά ανακυκλώνονται με τρόπο που προστατεύει την ανθρώπινη υγεία και το περιβάλλον.

**Recycling information: See <http://www.benq.com/support/recycle> for details.**

## For Mexico only (for RF module only)

El manual de usuario contendrá las siguientes leyendas o su equivalente en una posición notoria:

“La operación de este equipo está sujeta a las siguientes dos condiciones:

- (1) es posible que este equipo o dispositivo no cause interferencia perjudicial y
- (2) este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada.

## For Korea:

### B Class

#### B 급기기 (가정용 방송통신기기)

이 기기는 가정용(B 급)으로 전자파적합등록을 한 기기로서 주로 가정에서 사용하는 것을 목적으로 하며, 모든 지역에서 사용할 수 있습니다.

## 한국에 해당 (RF 모듈이 포함된 제품의 경우)

해당 무선설비는 전파혼신 가능성이 있으므로 인명

안전과 관련된 서비스는 할 수 없음

(Translation: the service related to human safety is not allowed because this device may have the possibility of the radio interference.)

## 日本専用です

同梱した電源コードセットは本機以外の電気機器で使用できません

### VCCI (CLASS B)

この装置は、クラスB情報技術装置です。この装置は、家庭環境で使用することを目的としていますが、この装置がラジオやテレビジョン受信機に近接して使用されると、受信障害を引き起こすことがあります。

取扱説明書に従って正しい取り扱いをしてください。

### (RF モジュール付きの製品の場合)

電波法により5GHz帯は屋内使用に限ります。

### 僅適用於台灣地區 (若產品有WLAN/BT module)

本產品內含無線模組。若該無線模組支援5GHz 頻帶, 5.15GHz~5.25GHz限於室內使用。

依**低功率電波輻射性電機管理辦法**要求

第 12 條經型式認證合格之低功率射頻電機，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。

第 14 條低功率射頻電機之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。

前項合法通信，指依電信法規定作業之無線電通信。

低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

### 使用電池的注意事項 (當產品附有遙控器時)

電池的使用方式或型號如果錯誤，可能會導致化學物質的洩漏或爆炸。請注意下列事項：

- 安裝電池時，請確認電池的正負極已依照電池室中所標示的方向正確安裝。
- 不同品牌與類型的電池(例如碳鋅電池與鹼性電池)具有不同的特性。請勿混合使用不同品牌與類型的電池。
- 當電池電量用盡時，請儘速更換新電池。換新電池時，請將全部電池一次換新。
- 長時間不使用遙控器時，請將電池從遙控器中取出。
- 請勿將新的和舊的電池混合使用。將新電池與舊電池混合使用會減短電池的使用壽命，或導致化學液從不良的電池中洩漏出來。
- 電池中洩漏出來的化學液可能會刺激皮膚並腐蝕金屬接點。假使有任何化學物質從電池中滲漏出來，請立即以乾布擦拭乾淨並更換電池。
- 耗盡的電池請依照相關之適用規章回收或丟棄。詳細資訊，請聯繫當地廢料管理機關。

台灣廢電池回收標誌



廢電池請回收

## 电池安全注意事项 (当产品附有遥控器时)

使用错误类型的电池可能导致化学物质泄漏或爆炸。请遵循下列事项：

- 务必按照电池仓内的正极和负极标记以正确方向装入电池。
- 不同类型的电池具有不同的特性。请勿混用不同类型的电池。
- 请勿混用新旧电池。混用新旧电池会缩短电池使用时间或导致旧电池化学物质泄漏。
- 电池不能正常工作时，应立即更换它们。
- 电池泄漏的化学物质可能刺痛皮肤。如果电池泄漏出任何化学物质，应立即用干布擦拭干净，并尽快更换电池。
- 由于存放条件不同，电视随附的电池的使用时间可能缩短。在3个月内或在初次使用后尽快更换它们。
- 耗尽的电池请依照相关之适用规章回收或丢弃。详细信息，请联系当地废料管理机构



## 中国RoHS



依据中国政府针对《电子信息产品污染控制管理办法》为控制和减少电子信息产品废弃后对环境造成的污染，促进生产和销售低污染电子信息产品，保护环境和人体健康，仅提供有关本产品可能含有有毒及有害物质如后：

零部件名称	有毒有害物质或元素					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr6+)	多溴联苯 (PBBs)	多溴二苯醚 (PBDEs)
塑料外框	○	○	○	○	○	○
金属机构	X	○	○	○	○	○
灯源	○	X	○	○	○	○
电源基板	X	○	○	○	○	○
主基板	X	○	○	○	○	○
按键基板	X	○	○	○	○	○
镜头	X	○	○	○	○	○
风扇	X	○	○	○	○	○
电源线	X	○	○	○	○	○
其他线材	X	○	○	○	○	○
电池	○	○	○	○	○	○
无线适配卡	○	○	○	○	○	○

O: 表示该有害物质在该部件所有均质材料中的含量均在《电子信息产品中有毒有害物质的限量要求标准》规定的限量要求以下。

X: 表示该有害物质至少在该部件的某一均质材料中的含量超出《电子信息产品中有毒有害物质的限量要求标准》规定的限量要求；但是上表中打“x”的部件，其含量超出是因为目前业界还没有成熟的可替代的技术。

有关中国《电子信息产品污染控制管理办法》之相关规定请参考信息产业部所公布之信息。

## WEEE 指令 (针对中国地区)

<废弃电器电子产品回收处理管理条例>或<China WEEE>

产品废弃时请交给当地有资质的回收单位处理。

<废电池>

本产品含有电池，废弃时请交给当地有资质的回收单位处理。

**UAE**

**TRA**  
REGISTERED NO:ER0095782/12  
DEALER NO:DA0045787/10

**SINGAPORE**

Complies with  
IDA Standards  
DB101054