



Operating Instructions
FULL HD LCD Display



For more detailed instructions, refer to the Operating Instructions on the CD-ROM.

Contents

- Important Safety Instructions2
- FCC STATEMENT.....3
- Safety Precautions.....4
- Maintenance.....5
- Accessories.....6
- Parts and Functions8
- Connections10
- Technical Specifications11
- Panasonic Professional Flat Panel Display Limited Warranty12
- LIMITED WARRANTY STATEMENT ..13
- Customer Service.....14

	CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN	
WARNING: To reduce the risk of electric shock, do not remove cover or back. No user-serviceable parts inside. Refer servicing to qualified service personnel.		



The lightning flash with arrow-head within a triangle is intended to tell the user that parts inside the product are a risk of electric shock to persons.



The exclamation point within a triangle is intended to tell the user that important operating and servicing instructions are in the papers with the appliance.

WARNING : To prevent damage which may result in fire or shock hazard, do not expose this apparatus to rain or moisture. Do not place containers with water (flower vase, cups, cosmetics, etc.) above the set. (including on shelves above, etc.)

WARNING :

- 1) To prevent electric shock, do not remove cover. No user serviceable parts inside. Refer servicing to qualified service personnel.
- 2) Do not remove the grounding pin on the power plug. This apparatus is equipped with a three pin grounding-type power plug. This plug will only fit a grounding-type power outlet. This is a safety feature. If you are unable to insert the plug into the outlet, contact an electrician. Do not defeat the purpose of the grounding plug.

Important Safety Instructions

- 1) Read these instructions.
- 2) Keep these instructions.
- 3) Heed all warnings.
- 4) Follow all instructions.
- 5) Do not use this apparatus near water.
- 6) Clean only with dry cloth.
- 7) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- 8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 11) Only use attachments / accessories specified by the manufacturer.
- 12) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart / apparatus combination to avoid injury from tip-over.
- 13) Unplug this apparatus during lightning storms or when unused for long periods of time.
- 14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- 15) To prevent electric shock, ensure the grounding pin on the AC cord power plug is securely connected.



As an ENERGY STAR® Partner, Panasonic has determined that this product meets the ENERGY STAR® guidelines for energy efficiency.

FCC STATEMENT

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC CAUTION:

To assure continued compliance, follow the attached installation instructions and use only shielded interface cables when connecting to computer or peripheral devices. Any changes or modifications not expressly approved by Panasonic Corp. of North America could void the user's authority to operate this device.

FCC Declaration of Conformity

Model No. TH-55LFV50U

Responsible Party:	Panasonic Corporation of North America Three Panasonic Way 2F-5, Secaucus, NJ 07094
Contact Source:	Panasonic Solutions Company Panasonic Plasma Concierge 1-800-973-4390

CANADIAN NOTICE:

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

NOTE:

Image retention may occur. If you display a still picture for an extended period, the image might remain on the screen. However, it will disappear after a while.

Trademark Credits

- VGA is a trademark of International Business Machines Corporation.
- Macintosh is a registered trademark of Apple Inc., USA.
- SVGA, XGA, SXGA and UXGA are registered trademarks of the Video Electronics Standard Association.
- Even if no special notation has been made of company or product trademarks, these trademarks have been fully respected.
- HDMI, the HDMI Logo, and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries.

Safety Precautions

CAUTION

This LCD Display is for use only with the following optional accessories. Use with any other type of optional accessories may cause instability which could result in the possibility of injury.

(All of the following accessories are manufactured by Panasonic Corporation.)

- Remote Control Kit..... TY-RM50VW
- Cover-frame Kit..... TY-CF55VW50

Always be sure to ask a qualified technician to carry out set-up.

Small parts can present choking hazard if accidentally swallowed. Keep small parts away from young children. Discard unneeded small parts and other objects, including packaging materials and plastic bags/sheets to prevent them from being played with by young children, creating the potential risk of suffocation.

■ When using the LCD Display

Do not bring your hands, face or objects close to the ventilation holes of this Display.

- Top of this Display is usually very hot due to the high temperature of exhaust air being released through the ventilation holes. Burns or personal injuries can happen if any body parts are brought too close. Placing any object near the top of this Display could also result in heat damages to the object as well as to this Display if its ventilation holes are blocked.

Be sure to disconnect all cables before moving this Display.

- Moving this Display with its cables attached might damage the cables which, in turn, can cause fire or electric shock.

Disconnect the power plug from the wall outlet as a safety precaution before carrying out any cleaning.

- Electric shocks can result if this is not done.

Clean the power cable regularly to prevent it from becoming dusty.

- Built-up dust on the power cord plug can increase humidity which might damage the insulation and cause fire. Unplug the cord from the wall outlet and clean it with a dry cloth.

NOTE:

- Image retention may occur. If you display a still picture for an extended period, the image might remain on the screen. However, it will disappear after a while.

WARNING

■ Setup

Do not place this Display on sloped or unstable surfaces, and ensure that this Display does not hang over the edge of the base.

- The Display may fall off or tip over.

Do not place any objects on top of this Display.

- If water spills onto this Display or foreign objects get inside it, a short-circuit may occur which could result in fire or electric shock. If any foreign objects get inside this Display, please consult an Authorized Service Center.

Do not cover the ventilation holes.

- Doing so may cause this Display to overheat, which can cause fire or damage to this Display.

Transport only in upright position!

- Transporting the unit with its display panel facing upright or downward may cause damage to the internal circuitry.

For sufficient ventilation;

- Leave a space of 3-15/16" (10 cm) or more at the top, bottom, left, and right to the outermost circumference of this Display.
- Leave a space of 1-31/32" (5cm) or more at the rear.

Cautions for Wall Installation

- Wall installation should be performed by an installation professional. Installing this Display incorrectly may lead to an accident that results in death or serious injury. Furthermore, when installing on a wall, a UL standard certified wall hanging bracket (VESA 400 × 400) must be used.

NOTE: Refer to page 7 "VESA Mounting".

An apparatus with CLASS I construction shall be connected to a mains socket outlet with a protective earthing connection.

■ AC Power Supply Cord

The Display is designed to operate on 110 - 127 V AC, 50/60 Hz.

Ensure that the mains plug is easily accessible.

Do not use any power supply cord other than that provided with this unit.

- Doing so may cause fire or electric shocks.

Securely insert the power cord plug as far as it will go.

- If the plug is not fully inserted, heat may be generated which could cause fire. If the plug is damaged or the wall socket plate is loose, they should not be used.

Do not handle the power cord plug with wet hands.

- Doing so may cause electric shocks.

Do not do anything that might damage the power cable. When disconnecting the power cable, hold the plug, not the cable.

- Do not make any modifications, place heavy objects on, place near hot objects, heat, bend, twist or forcefully pull the power cable. Doing so may cause damage to the power cable which can cause fire or electric shock. If damage to the cable is suspected, have it repaired at an Authorized Service Center.

If this Display will not be used for a long period of time, unplug the power cord from the wall outlet.

■ If problems occur during use

If a problem occurs (such as no picture or no sound), or if smoke or an abnormal odor is detected from this Display, unplug the power cord immediately.

- Continuous use of this Display under these conditions might cause fire or permanent damage to the unit. Have this Display evaluated at an Authorized Service Center. Services to this Display by any unauthorized personnel are strongly discouraged due to its high voltage dangerous nature.

If water or foreign objects get inside this Display, if this Display is dropped, or if the cabinet becomes damaged, disconnect the power cord plug immediately.

- A short may occur, which could cause fire. Contact an Authorized Service Center for any repairs that need to be made.

Maintenance

The front of this Display panel has been specially treated. Wipe the panel surface gently using only a cleaning cloth or a soft, lint-free cloth.

- If the surface is particularly dirty, wipe with a soft, lint-free cloth which has been soaked in pure water or water in which neutral detergent has been diluted 100 times, and then wipe it evenly with a dry cloth of the same type until the surface is dry.
- Do not scratch or hit the surface of the panel with fingernails or other hard objects, otherwise the surface may become damaged. Furthermore, avoid contact with volatile substances such as insect sprays, solvents and thinner, otherwise the quality of the surface may be adversely affected.

If the cabinet becomes dirty, wipe it with a soft, dry cloth.

- If the cabinet is particularly dirty, soak the cloth in water to which a small amount of neutral detergent has been added and then wring the cloth dry. Use this cloth to wipe the cabinet, and then wipe it dry with a dry cloth.
- Do not allow any detergent to come into direct contact with the surface of this Display. If water droplets get inside the unit, operating problems may result.
- Avoid contact with volatile substances such as insect sprays, solvents and thinner, otherwise the quality of the cabinet surface may be adversely affected or the coating may peel off. Furthermore, do not leave it for long periods in contact with articles made from rubber or PVC.

Usage of a chemical cloth

- Do not use a chemical cloth for the panel surface.
- Follow the instructions for the chemical cloth to use it for the cabinet.

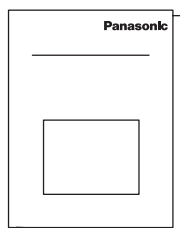
Accessories

Accessories Supplied

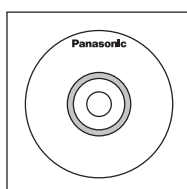
Check that you have the Accessories and items shown ☒

☐

Operation instruction book

☐

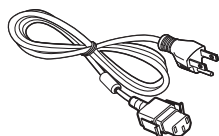
CD-ROM (Operation instruction)

☐

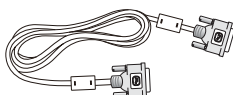
Warranty card (For Mexico only)

☐

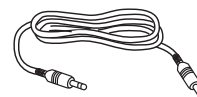
AC Power Cord

☐

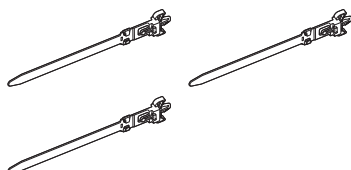
DVI cable

☐

Connector cable of remote control

☐

Wire clampers



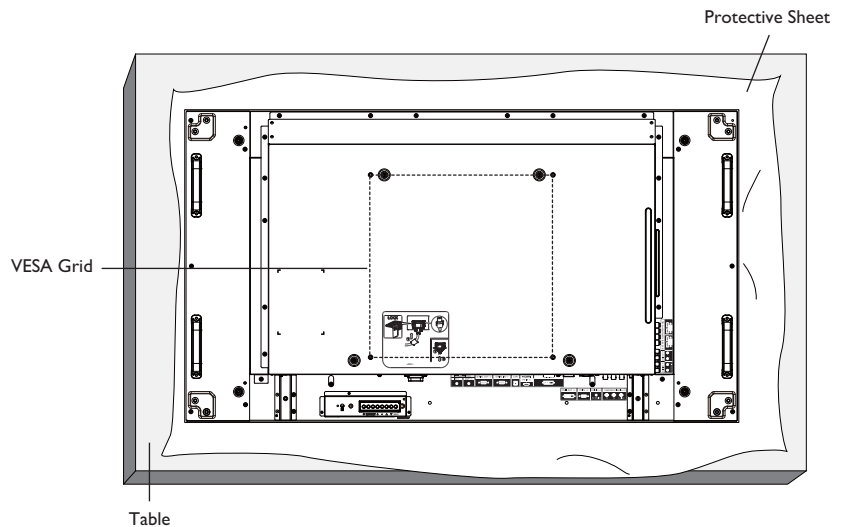
NOTE:

- The remote control is not supplied.

VESA Mounting

To mount this Display to a wall, you will have to obtain a standard wall-mounting kit (commercially available). We recommend using a mounting interface that complies with TUV-GS and/or UL1678 standard in North America.

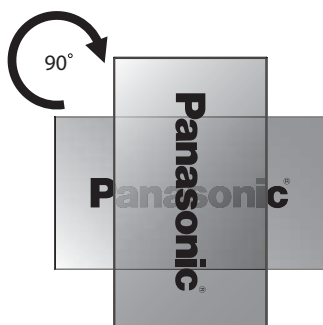
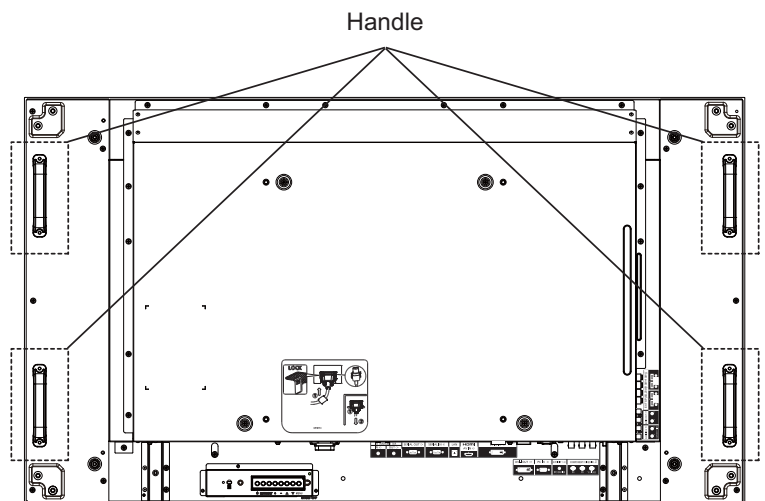
1. Lay a protective sheet on a table, which was wrapped around this Display when it was packaged, beneath the screen surface so as not to scratch the screen face.
2. Ensure you have all accessories for mounting this Display (wall mount, ceiling mount, etc).
3. Follow the instructions that come with the base mounting kit. Failure to follow correct mounting procedures could result in damage to the equipment or injury to the user or installer. Product warranty does not cover damage caused by improper installation.
4. For the wall-mounting kit, use M6 mounting screws (having a length 10 mm longer than the thickness of the mounting bracket) and tighten them securely.



Cautions when installing or moving

To prevent this Display from falling:

- Grab the handles when moving this Display.
- Do not touch any parts except the handles.
- Handle with care and with more than two persons when moving this Display. Keep in mind that this Display is easy to break from carelessness.
- For wall or ceiling installation, we recommend installing this Display with metal brackets which are commercially available. For detailed installation instructions, refer to the guide received with the respective bracket.
- To lessen the probability of injury and damage resulting from fall of this Display in case of earthquake or other natural disaster, be sure to consult the bracket manufacturer for installation location.
- For portrait installation, please turn this Display right.

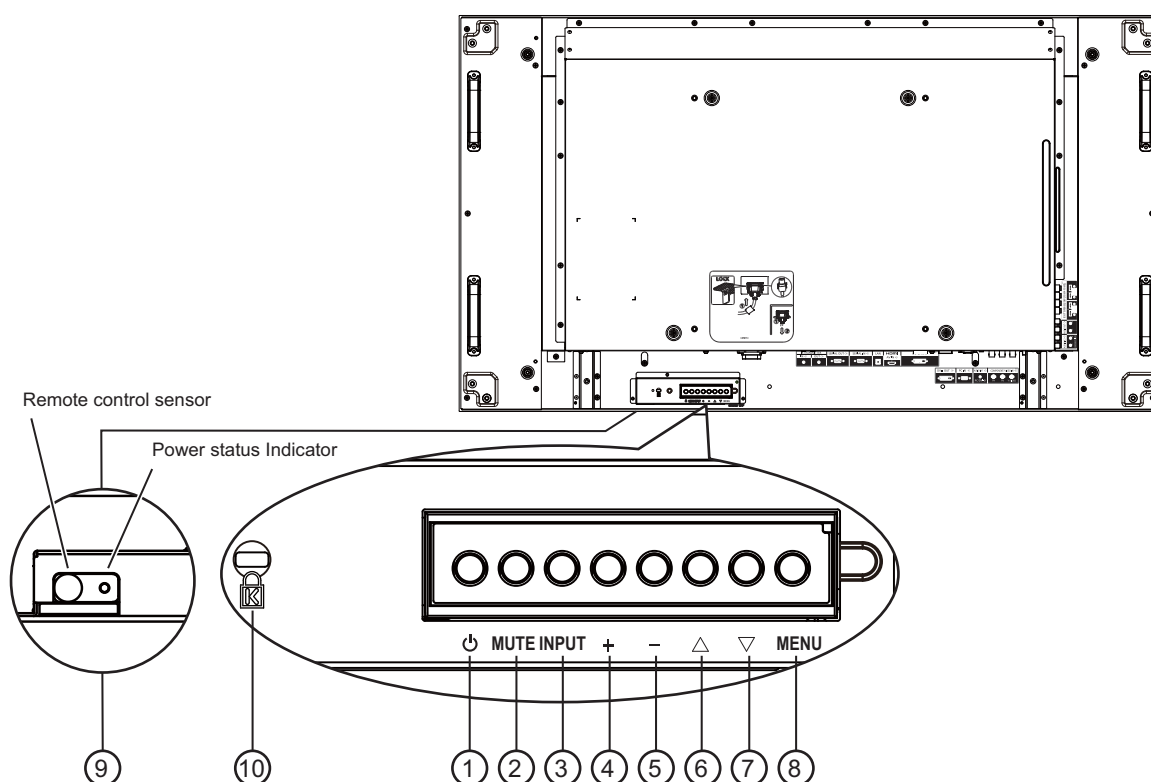


NOTE:

- Please do not rotate and use it for left-hand side.

Parts and Functions

Control Panel



① POWER button

Use this button to turn this Display on or put this Display to standby.

② MUTE button

Switch the audio mute ON/OFF.

③ INPUT button

Use this button to select the input source.

- Used as [SET] button in the On-Screen-Display menu.

④ [++] button

Increase the adjustment while OSD menu is on, or increase the audio output level while OSD menu is off.

⑤ [–] button

Decrease the adjustment while OSD menu is on, or decrease the audio output level while OSD menu is off.

⑥ [▲] button

Move the highlight bar up to adjust the selected item while OSD menu is on.

⑦ [▼] button

Move the highlight bar down to adjust the selected item while OSD menu is on.

⑧ MENU button

Press to activate the OSD menu when OSD menu is off. Press to return to previous menu while OSD menu is on.

⑨ Remote control sensor and power status indicator

- Receives command signals from the remote control.
- Indicates the operating status of this Display:
 - Lights green when this Display is turned on
 - Lights red when this Display is in standby mode
 - Lights amber when this Display enters “Power Save” mode
 - When {SCHEDULE} is enabled, the light blinks green and red
 - If the light blinks red, it indicates that a failure has been detected
 - Off when the main power of this Display is turned off

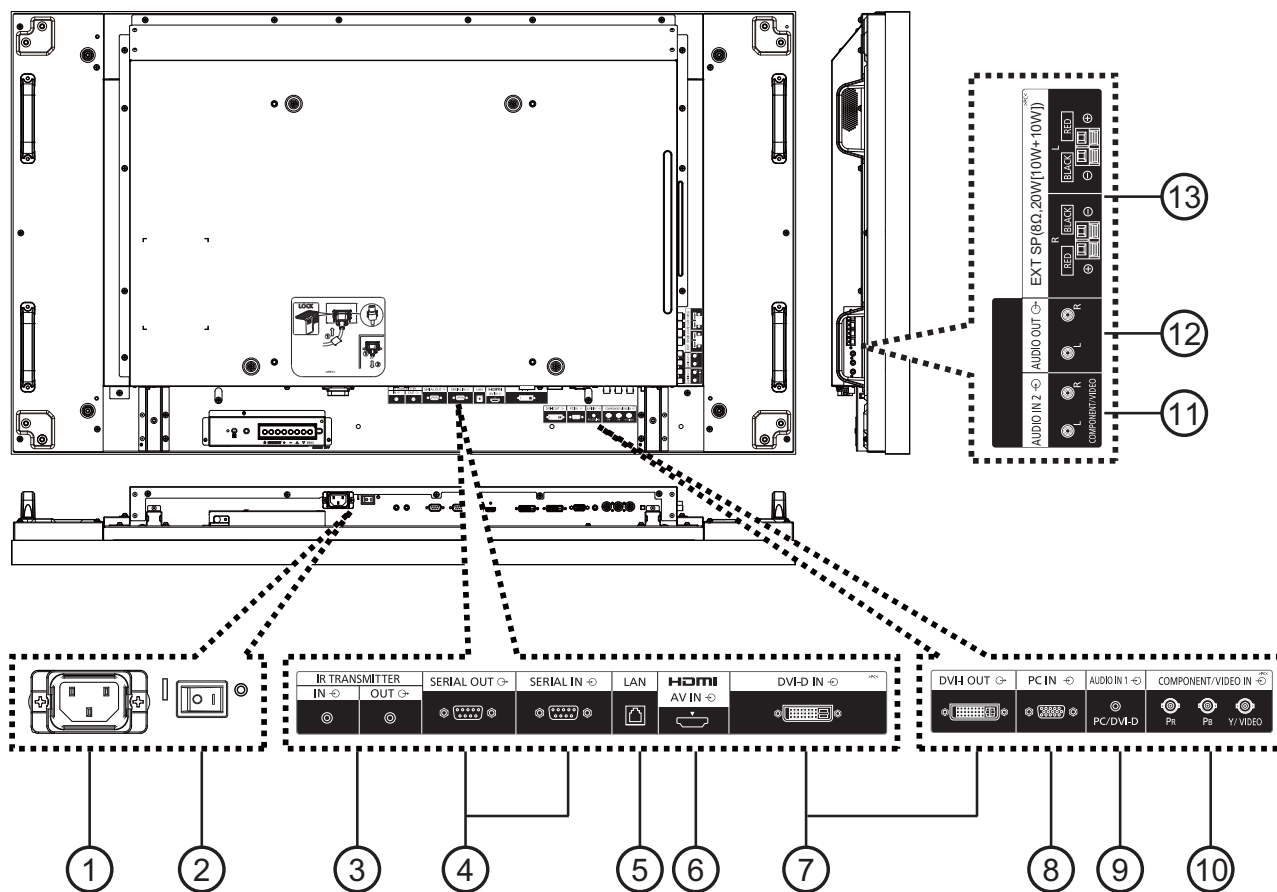
NOTE:

- The remote control sensor and power status indicator are arranged downward.

⑩ KENSINGTON LOCK

For security and theft prevention.

Input/Output Terminals

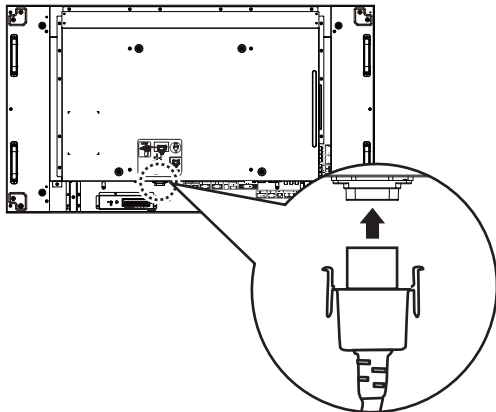


- ① **AC IN**
Connect the supplied power cord to the wall outlet.
- ② **MAIN POWER SWITCH**
Press to switch the main power on/off.
- ③ **IR TRANSMITTER IN / OUT**
Reserved for the wired connection of the IR control.
NOTE: If an optional IR receiver is connected to [IR TRANSMITTER IN], this Display's remote control sensor will stop working.
- ④ **SERIAL OUT / SERIAL IN**
RS232C network input/output connection for the use of loop-through function.
- ⑤ **LAN**
LAN control function for the use of remote control signal from control center.
- ⑥ **HDMI AV IN**
Input the HDMI source of an AV device, or the DVI-D output of a PC by using a DVI-HDMI cable.
- ⑦ **DVI-D IN / DVI-I OUT**
Digital video input and output connection.
- ⑧ **PC IN**
Input the PC source.
- ⑨ **AUDIO IN 1**
Input the PC audio source (3.5 mm stereo phone jack).
- ⑩ **COMPONENT/VIDEO IN (BNC)**
Input the component YPbPr source from external AV device.
For CVBS input, connect with CVBS cable from the video output of your AV device to this Display's Y input (an after-market BNC-RCA adapter will be needed).
- ⑪ **AUDIO IN 2 (RCA)**
Input the audio source from external AV device.
- ⑫ **AUDIO OUT (RCA)**
Output the audio source connected from the AUDIO IN jack to an external AV device.
- ⑬ **SPEAKER OUT R/L -> EXT SP (8 Ω)**
Output the audio to your external speakers.

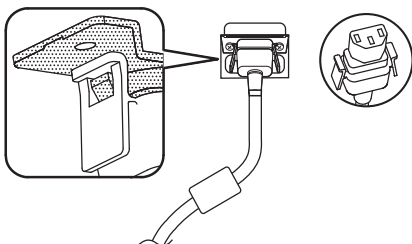
Connections

AC Cord Connection

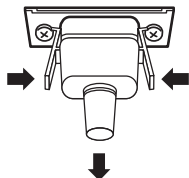
1. Plug the AC cord into this Display.



2. Plug the AC cord firmly until it clicks into position. Make sure the AC cord is locked on both the left and right sides.



3. To unplug the AC cord, press the two knobs and pull.



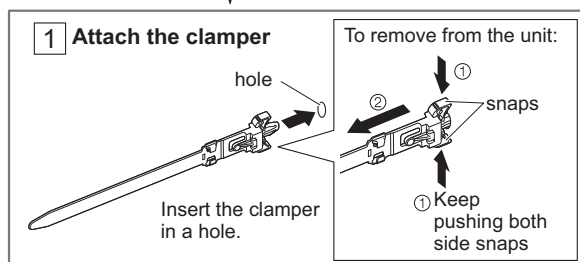
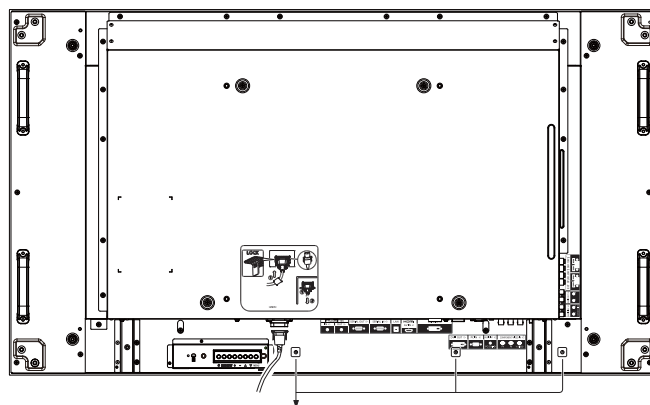
NOTE:

- When disconnecting the AC cord, be absolutely sure to disconnect the AC cord plug at the socket outlet first.

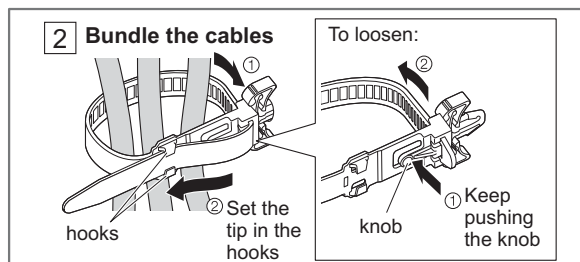
Cable Securing

There are three clampers supplied to secure cables at three positions.

1. Attach the clamber.



2. Bundle the cables.



Technical Specifications

Display:

Item	Specifications
Screen Size	55" LCD
Active Screen Size	54.64 inches (1387.80 mm) diagonal
Aspect Ratio	16:9
Number of pixels	1920 (H) x 1080 (V)
Pixel Pitch	0.630 (H) x 0.630 (V) [mm], 0.0248 (H) x 0.0248 (V) [inch]
Displayable Colors	10 Bit (D), 1.06 Billion colors
Brightness (typical)	800 cd/m2
Contrast Ratio (typical)	1400:1
Viewing Angle	Up 89 / Down 89 / Left 89 / Right 89 (typ) @ CR > 10

In/Out Terminals:

Item		Specifications
Speaker Output	External Speaker	10 W + 10 W (8 Ω)
Audio Input	RCA Jack x 2 3.5 mm Stereo x 1	0.5 V [rms] (Normal) / 2 Channel (L+R)
Audio Output	RCA Jack x 2	0.5 V [rms] (Normal) / 2 Channel (L+R)
RS232C	D-Sub Jack x 2 (9 pin)	TXD + RXD (1:1)
RJ-45	RJ-45 Jack x 1 (8 pin)	10/100 LAN Port
HDMI Input	HDMI Jack x 1 (Type A) (18 pin)	Video : 480i, 480p, 720p, 1080i, 1080p Audio: 32 kHz, 44.1 kHz, 48 kHz / 2 Channel (L+R) Supports LPCM only
DVI-D Input	DVI-D jack	MAX: 1920 x 1080 / 60 Hz (WUXGA)
DVI-I Output	DVI-I jack	Pass-through from DVI-D Input
PC Input	D-Sub Jack x 1 (15 pin)	Analog RGB: 0.7 V [p-p] (75 Ω), H/CS/V: TTL (2.2 kΩ), SOG: 1 V [p-p] (75 Ω) MAX: 1920 x 1080 / 60 Hz (WUXGA)
Component Input	BNC Jack x 3	Y: 1 V [p-p] (75 Ω), Pb: 0.7 V [p-p] (75Ω), Pr: 0.7 V [p-p] (75 Ω) MAX: 480i, 576i, 480p, 576p, 720p, 1080i, 1080p
Composite Input	BNC Jack x 1 (shared with Component-Y)	Video: 1 V [p-p] (75 Ω) MAX: 480i, 576i

General:

Item	Specifications
Power Supply	110 - 127 V AC, 50/60 Hz
Power Consumption (Max)	320 W
Power Consumption (Standby)	< 0.5 W
Power Consumption (Saving)	< 2 W
Dimensions [W x H x D]	1215.5 x 686.3 x 121.2 mm, 47.85" x 27.02" x 4.77"
Weight	36 kg, 79.3 lbs
Gross Weight	48 kg, 105.82 lbs

Operating Condition:

Item	Specifications
Temperature	0 ~ 40 °C, 32 ~ 104 °F
Humidity	5 ~ 90% RH (No condensation)
Altitude	0 ~ 2,000 m

(for the U.S.A and Puerto Rico)

Panasonic Solutions Company
Unit of Panasonic Corporation of
North America
Three Panasonic Way 2F-5
Secaucus, NJ 07094

**Panasonic Professional Flat Panel Display
Limited Warranty**

Panasonic Solutions Company. (referred to as “the Warrantor”) will repair this product and all included accessories with new or refurbished parts, free of charge in the USA or Puerto Rico, of the original purchase in the event of a defect in materials or workmanship as follows:

Models or Parts	Part Warranty	Labor Warranty
Professional Flat Panel Display	2 Years	2 Years

On-site or carry-in service in the **USA and Puerto Rico** may be obtained during the warranty period by contacting Panasonic Solutions Company Service toll free at 1-800-973-4390.

This warranty is extended only to the original purchaser and is non transferable. A purchase receipt or other proof of date of original purchase will be required before warranty service is rendered.

This warranty only covers failures due to defects in materials or workmanship, which occur during normal use. The warranty does not cover damage which occur in shipment, or failures which are caused by products not supplied by the warrantor, or failures which result from improper installation, set-up adjustments, improper

antenna, inadequate signal pickup, maladjustment of consumer controls, improper operation, power line surge, improper voltage supply, lighting damage, or service by anyone other than an authorized repair facility, or damage that is attributable to acts of God.

LIMITS AND EXCLUSIONS

There are no express warranties except as listed above.

THE WARRANTOR SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES (INCLUDING, WITHOUT LIMITATION, DAMAGE TO DISCS) RESULTING FROM THE USE OF THIS PRODUCT, OR ARISING OUT OF ANY BREACH OF THE WARRANTY. ALL EXPRESS AND IMPLIED WARRANTIES, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSE, ARE LIMITED TO THE APPLICABLE WARRANTY PERIOD SET FORTH ABOVE.

Some states do not allow the exclusion or limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above exclusions or limitations may not apply to you. This warranty gives you specific legal rights and you may other rights, which vary from state to state.

If you have a problem with this product that is not handled to your satisfaction, then write the Consumer Affairs Department at the Company address indicated above.

In the USA and Puerto Rico
FOR SERVICE
CALL TOLL FREE
1-800-973-4390

(for Canada)

Panasonic Canada Inc.
5770 Ambler Drive, Mississauga, Ontario L4W 2T3
LIMITED WARRANTY STATEMENT

Panasonic Canada Inc. (also known as PCI) warrants this product to be free of defects in material and workmanship under normal use during the applicable warranty coverage period described below. PCI agrees to repair, or at its option, exchange, any part that becomes defective. However, the product must be purchased and serviced in Canada. The product or part that shows evidence of defect must be delivered prepaid or carried in to an authorized Panasonic Broadcast Service Center. This warranty does not cover shipping costs.

The warranty coverage period is one year for both parts and labour beginning with the date of original end user purchase, subject to the exceptions as stated below. Repaired or replacement parts supplied during the warranty coverage period carry the unexpired portion of the original warranty coverage period. Proof of product purchase is a condition of warranty service. The owner must produce the product purchase receipt or other satisfactory evidence of date of original purchase.

This warranty does not apply to external appearance items, such as handles, knobs, safety windows, etc. This warranty does not apply to any part, or parts, of the product, installed, altered, repaired or misused in any way that, in the opinion of PCI, affects the reliability of or detracts from the performance of the product.

For products requiring routine preventive maintenance, that maintenance must be performed in order to maintain warranty coverage.

Serial numbers that have been altered, defaced or removed void this warranty. This warranty does not cover replacements or repairs necessitated by loss or damage resulting from any cause beyond the control of PCI.

Marking or retained images (sometimes called "burn-in") resulting from the display of fixed images on video display products are not defects and are not covered under this warranty.

THIS EXPRESS, LIMITED WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT WILL PANASONIC CANADA INC. BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES.

In certain instances, some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, or the exclusion of implied warranties, so the above limitations and exclusions may not be applicable.

WARRANTY COVERAGE PERIOD EXCEPTIONS

Item	Parts	Labour
Video Tape	30 days—Replacement only (content not covered)	N/A
P2/SD Cards	(Content not covered)	N/A
Video Heads	1 year or 2,000 hrs. (prorated) Whichever comes first	1 year or 2,000 hrs. Whichever comes first
D5 Video heads	1 year or 1,000 hrs. Whichever comes first	1 year or 1,000 hrs. Whichever comes first
Maintenance Items	90 days	90 days
Colour Camera CCD Imaging Block	2 years	2 years
BT-H Series LCD Monitors	2 years	2 years
* DLP™ Projectors	3 years or 17,000 hrs. Whichever comes first	3 years or 17,000 hrs. Whichever comes first
* LCD Projectors above 2,500 ANSI Lumens	3 years or 2,500 hrs. Whichever comes first	3 years or 2,500 hrs. Whichever comes first.
* LCD Projectors below 2,500 ANSI Lumens	3 years or 1,500 hrs. Whichever comes first	3 years or 1,500 hrs. Whichever comes first
Projector Lamps	50% of the rated lamp life or 1 year. Whichever comes first	50% of the rated lamp life or 1 year. Whichever comes first.
All Plasma displays	2 years (burn-in not covered)	2 years
103 inch Plasma displays	3 years (burn-in not covered)	3 years
Hard Drive Disk Unit	1 year plus balance (if any) of the original Manufacturer's Limited Warranty. (Content not covered)	1 year

- * Dust, smoke, rental/staging environment and twenty-four/seven operation, dramatically decreases the interval between performances of routine preventive maintenance required to maintain this warranty coverage.

Warranty Service

If the product needs to be shipped for service, carefully pack (preferably in the original carton) and enclose a letter, detailing the complaint. Send prepaid and adequately insured to the local authorized Panasonic Service Centre in your area or to Panasonic Technical Support and Product Services Department, 5770 Ambler Drive, Mississauga, Ontario, L4W 2T3. Shipping to the latter location requires a return authorization before shipment. No liability is assumed for loss or damage to the product while in transit.

Customer Service

Customer Service Directory

Obtain information products and operative assistant; localize the closer distributor or Service Center; buy spare parts and accessories by our web site to Latin American:

<http://www.lar.panasonic.com>

Also you may contact us directly by our Contact Center:

Panama	800-PANA (800-7262)
Colombia	1-8000-94PANA (1-8000-947262) - National Line 635-PANA (635-7262) - Bogota Line
Ecuador	1800-PANASONIC (1800-726276)
Costa Rica	800-PANA737 (800-7262737)
El Salvador	800-PANA (800-7262)
Guatemala	1-801-811-PANA (1-801-811-7262)
Chile	800-260602 From a cell phone: 245-2520
Venezuela	800-PANA-800 (800-7262-800)
Uruguay	0-800-PANA (0800-7262)

Mexico Service

To obtain information in the Republic of Mexico contact us at:

[email: atencion.clientes@mx.panasonic.com](mailto:atencion.clientes@mx.panasonic.com)

Or you may contact us in the next following phones numbers:

01800-VIP-PANA (01800-847-7262) - Interior
(55) 5000-1200 - Mexico D.F. and Metropolitan Area

USA Only:

Disposal may be regulated in your community due to environmental considerations. For disposal or recycling information, please visit Panasonic website: <http://www.panasonic.com/environmental> or call 1-888-769-0149.

Customer's Record

The model number and serial number of this product can be found on its back cover. You should note this serial number in the space provided below and retain this book, plus your purchase receipt, as a permanent record of your purchase to aid in identification in the event of theft or loss, and for Warranty Service purposes.

Model Number _____

Serial Number _____

© Panasonic Corporation 2012

Panasonic Solutions Company

Unit of Panasonic Corporation of North America

Executive Office :

Three Panasonic Way 2F-5, Secaucus, NJ 07094

Panasonic Canada Inc.

5770 Ambler Drive

Mississauga, Ontario

L4W 2T3

Printed in China