

VIERA

Panasonic®

Operating Instructions LCD Television

Model No. **TX-32LZD80F**
TX-37LZD80F



Contents

Be Sure to Read

- Safety Precautions 4
(Warning / Caution)
- Notes 5
- Maintenance 5

Quick Start Guide

- Accessories / Options 6
- Identifying Controls 7
- Basic Connection 8
- Auto Setup 10
- How to Use Menu Functions... 12

VIERA
Link

Q-Link

DVB®

DOLBY
DIGITAL

BBE.ViVA
HD3D Sound

SD
CG

FULL
HD
1920x1080p

HD
ready
1080p

HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

Please read these instructions before operating your set and retain them for future reference.

The images shown in this manual are for illustrative purposes only.

Please refer to Pan European Guarantee Card if you need to contact your local Panasonic dealer for assistance.

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

To view the Operating Instructions on the CD-ROM, you need a computer equipped with a CD-ROM drive, and Adobe® Reader® (Version 7.0 or later is recommended) installed on your computer.

Depending on the operating system or settings on your computer, the Operating Instructions may not start automatically.

In this case, open the PDF file under \MANUAL\PDF manually to view the instructions.

English



TQB0E0571U-G

Turn your own living room into a movie theatre!

Experience an amazing level of multi-

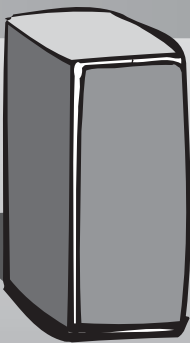
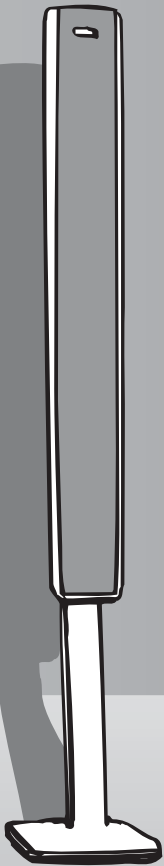
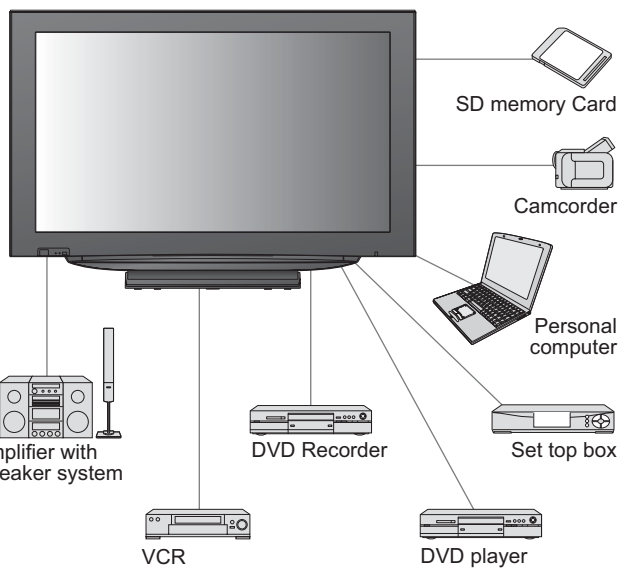


Notice for DVB functions

- Any functions related to DVB (Digital Video Broadcasting) will work in areas where DVB-T (MPEG2) digital terrestrial broadcasting are received. Consult your local Panasonic dealer with coverage areas.
- DVB functions may not be available in some countries.
- Some functions may not be available in some countries.
- This TV has the capability for DVB specifications. But future DVB services cannot be guaranteed.

media excitement

Enjoy rich multi-media



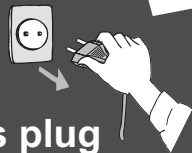
Safety Precautions

Warning

Handling the mains plug and lead

- Insert the mains plug fully into the socket outlet. (If the mains plug is loose, it could generate heat and cause fire.)
- Ensure that the mains plug is easily accessible.
- Do not touch the mains plug with a wet hand. (This may cause electrical shock.)
- Do not damage the mains lead. (A damaged lead may cause fire or electrical shock.)
 - Do not move the TV with the lead plugged in the socket outlet.
 - Do not place a heavy object on the lead or place the lead near a high-temperature object.
 - Do not twist the lead, bend it excessively, or stretch it.
 - Do not pull on the lead. Hold onto the mains plug body when disconnecting lead.
 - Do not use a damaged mains plug or socket outlet.

If you find any abnormality, remove the mains plug immediately!



AC 220-240 V
50 / 60 Hz



Power source

- This TV is designed to operate on 220-240 V, 50 / 60 Hz AC.

Do not remove covers NEVER modify the TV yourself

(High-voltage components may cause serious electrical shock.)

- Have the TV checked, adjusted, or repaired at your local Panasonic dealer.

Keep liquids away from the TV

- To prevent damage which may result in fire or shock hazard, do not expose this appliance to dripping or splashing.
- Do not place containers with water (flower vase, cups, cosmetics, etc.) above the TV. (including on shelves above, etc.)

Do not expose to direct sunlight and other sources of heat

- Avoid exposing the TV to direct sunlight and other sources of heat. To prevent fire never place any type of candle or naked flame on top or near the TV.

Do not place foreign objects inside the TV

- Do not allow any objects to drop into the TV through the air vents (fire or electrical shock may result).

Do not place the TV on sloped or unstable surfaces

- The TV may fall off or tip over.

Use only the dedicated pedestals / mounting equipment

- Using an unapproved pedestal or other fixtures may make the TV unstable, risking injury. Be sure to ask your local Panasonic dealer to perform setup.
- Use approved pedestals / mounts (p. 6).

Do not allow children to handle SD Card

- As with a small object, SD Card can be swallowed by young children. Please remove SD Card immediately after use.

Notes

Caution

When cleaning the TV, remove the mains plug

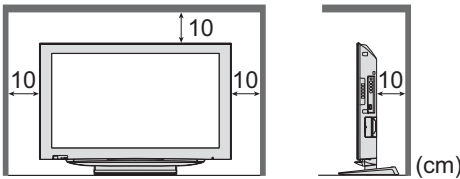
- Cleaning an energized TV may cause electrical shock.

When the TV is not going to be used for a long period of time, remove the mains plug

- This TV will still consume some power even in the Off mode, as long as the mains plug is still connected to a live socket outlet.

Allow sufficient space around the TV for radiated heat

Minimum distance



- When using the pedestal, keep the space between the bottom of the TV and the floor surface.
- In case of using Wall-hanging bracket, follow the manual of it.

Do not block the rear air vents

- Blocked ventilation by newspapers, table cloths, curtains, etc. may cause overheating, fire or electrical shock.

Do not expose your ears to excessive volume from the headphones

- Irreversible damage can be caused.

Auto power standby function

- If no signal is received and no operation is performed in Analogue TV mode for 30 minutes, the TV will automatically go to standby mode.

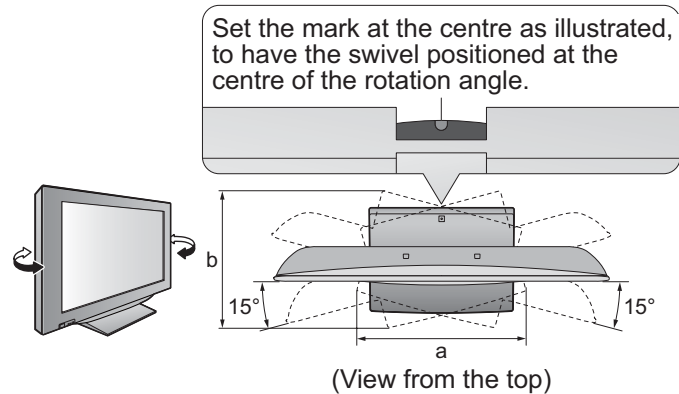
Keep the TV away from these types of equipment

- Electronic equipment
In particular, do not place video equipment near the TV (electromagnetic interference may distort images / sound).
- Equipment with an infrared sensor
This TV also emits infrared rays (this may affect operation of other equipment).

Transport only in upright position

Adjust the LCD panel to your desired angle

- Ensure that the pedestal does not hang over the edge of the base even if the TV swivels to the full rotation range.
- Do not place any objects or hands within the full rotation range.



- TX-32LZD80F
a: 407 mm / b: 303 mm
- TX-37LZD80F
a: 463.5 mm / b: 380 mm

Maintenance

First, remove the mains plug from the socket outlet.

Display panel

Regular care: Gently wipe the surface clean of dirt by using a soft cloth.

Major contamination: Wipe the surface clean using a soft cloth dampened with clean water or diluted neutral detergent (1 part detergent to 100 parts water). Then, using a soft dry cloth, evenly wipe the surface clean until it is dry.

Caution

- The surface of the display panel has been specially treated and may be easily damaged. Do not tap or scratch the surface with your fingernail or other hard object.
- Take care not to subject the surface to insect repellent, solvent, thinner, or other volatile substances (this may degrade surface quality).

Cabinet, Pedestal

Regular care: Wipe the surface clean using a soft dry cloth.

Major contamination: Dampen a soft cloth with clean water or water containing a small amount of neutral detergent. Then, wring the cloth and wipe the surface clean with it. Finally, wipe the surface clean with a dry cloth.

Caution

- Take care not to subject the TV's surfaces to detergent. (A liquid inside the TV could lead to product failure.)
- Take care not to subject surfaces to insect repellent, solvent, thinner, or other volatile substances (this may deteriorate the surface by peeling the paint).
- Do not allow the cabinet and pedestal to make contact with a rubber or PVC substance for a long time.

Mains plug

Wipe the mains plug with a dry cloth at regular intervals. (Moisture and dust may lead to fire or electrical shock.)

Accessories / Options

Standard accessories

- Remote Control
- N2QAYB000239

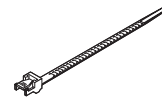


Check that you have the accessories and items shown

- Batteries for the Remote Control (2)
- R6 (UM3)



- Clamper



- Cleaning cloth

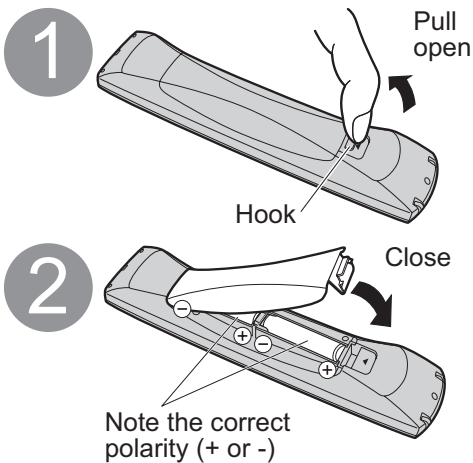


- Operating Instructions

- Pan European Guarantee Card

- This product contains possibly dangerous parts (such as plastic bags), that can be breathed in or swallowed by young children accidentally. Keep these parts out of reach of young children.

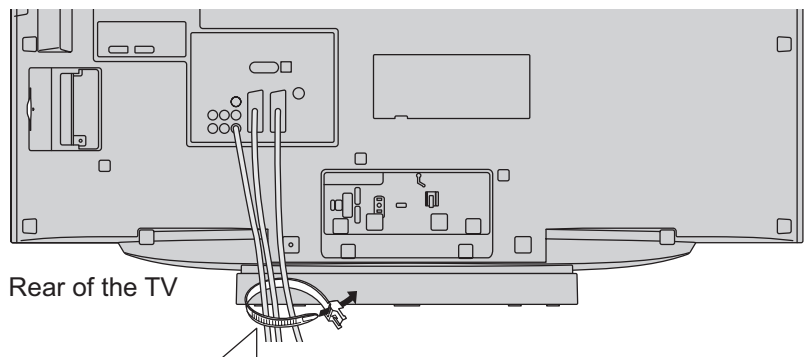
Installing remote's batteries



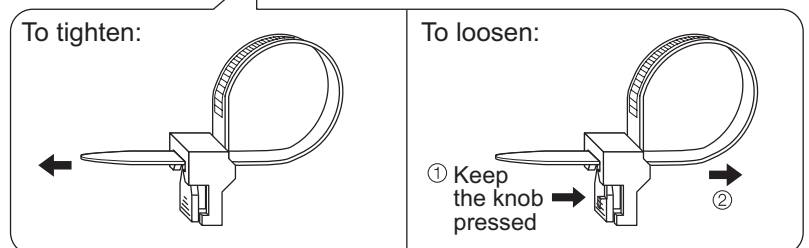
Caution

- Incorrect installation may cause battery leakage and corrosion, resulting in damage to the remote control.
- Do not mix old and new batteries.
- Do not mix different battery types (such as alkaline and manganese batteries).
- Do not use rechargeable (Ni-Cd) batteries.
- Do not burn or breakup batteries. Batteries must not be exposed to excessive heat such as sunshine, fire or the like.

Using the clamper



Rear of the TV

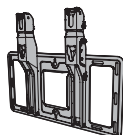


- Do not bundle the RF cable and mains lead together (could cause distorted image).
- Fix cables with clampers as necessary.
- When using the optional accessory, follow the option's assembly manual to fix cables.

Optional accessories

Wall-hanging bracket

- TY-WK32LR2W



WARNING!

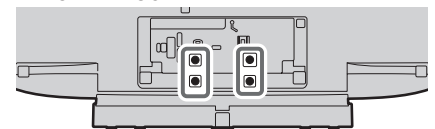
- Failure to use a Panasonic bracket or choosing to mount the unit yourself will be done at the risk of the consumer. Any damage resulting from not having a professional installer mount your unit will void your warranty.
- Always be sure to ask a qualified technician to carry out set-up. Incorrect fitting may cause equipment to fall, resulting in injury and product damage.
- Do not mount the unit directly below ceiling lights (such as spotlights, floodlights or halogen lights) which typically give off high heat. Doing so may warp or damage plastic cabinet parts.
- Take care when fixing wall brackets to the wall. Always ensure that there are no electrical cables or pipes in the wall before hanging bracket.

Please contact your nearest Panasonic dealer to purchase the recommended wall-hanging bracket. For additional details, please refer to the wall-hanging bracket installation manual.

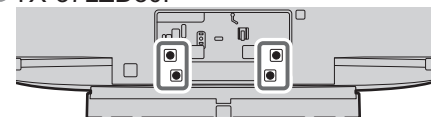
How to remove the Pedestal

Remove four screws.

- TX-32LZD80F

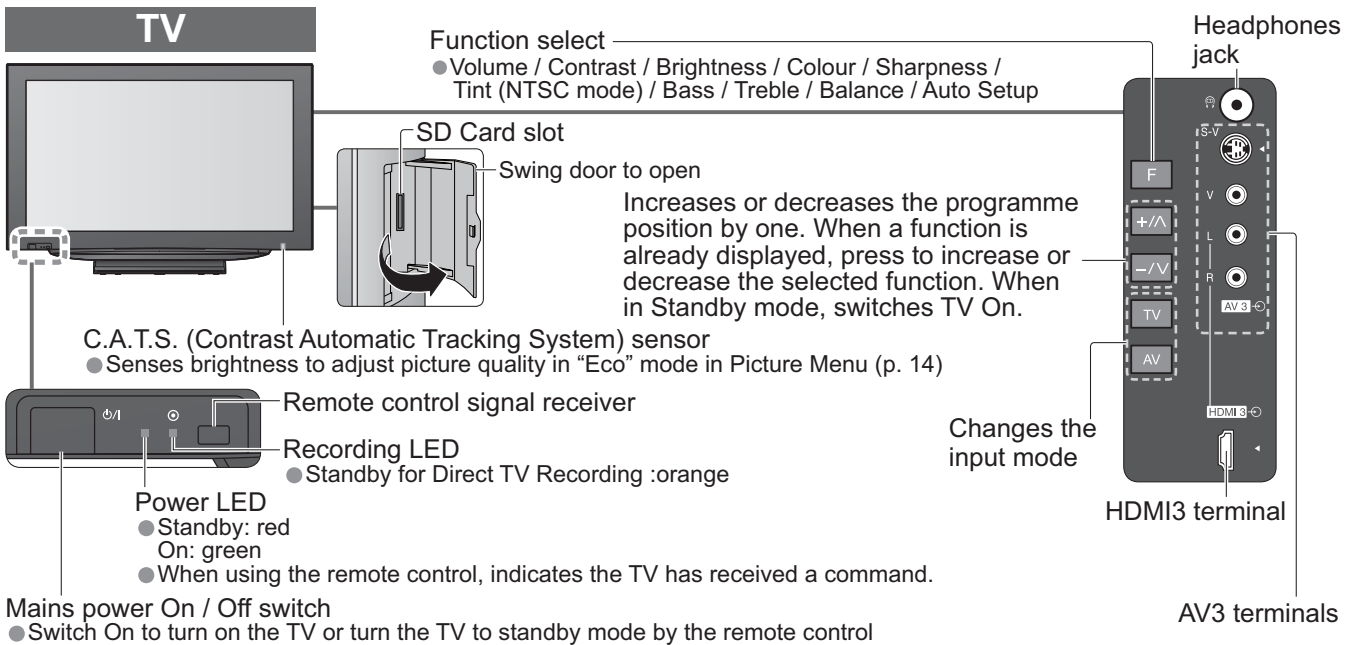


- TX-37LZD80F



Rear of the TV

Identifying Controls



Remote Control



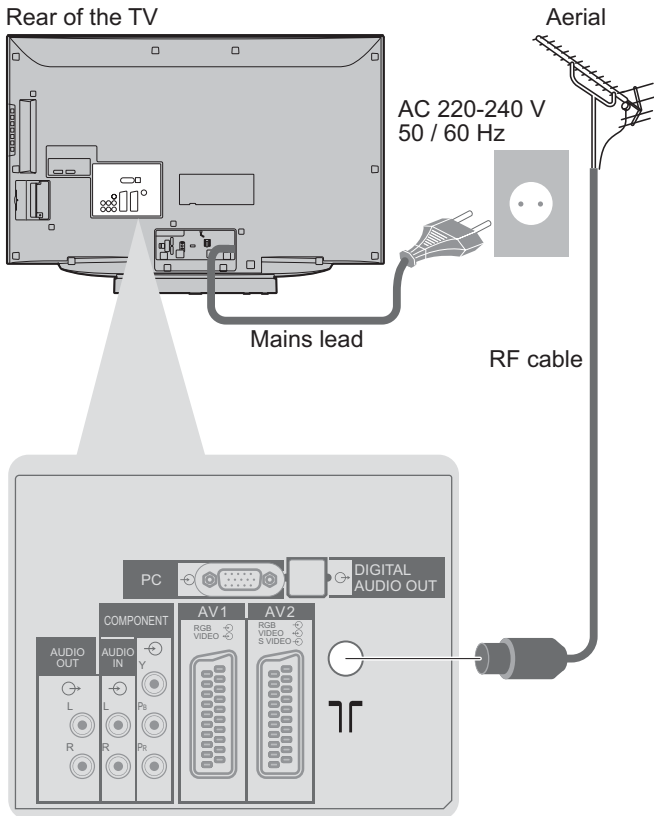
● Identifying Controls
 ● Accessories / Options

Basic Connection

External equipment and cables shown are not supplied with this TV.
Please ensure that the unit is disconnected from the mains socket before attaching or disconnecting any leads.

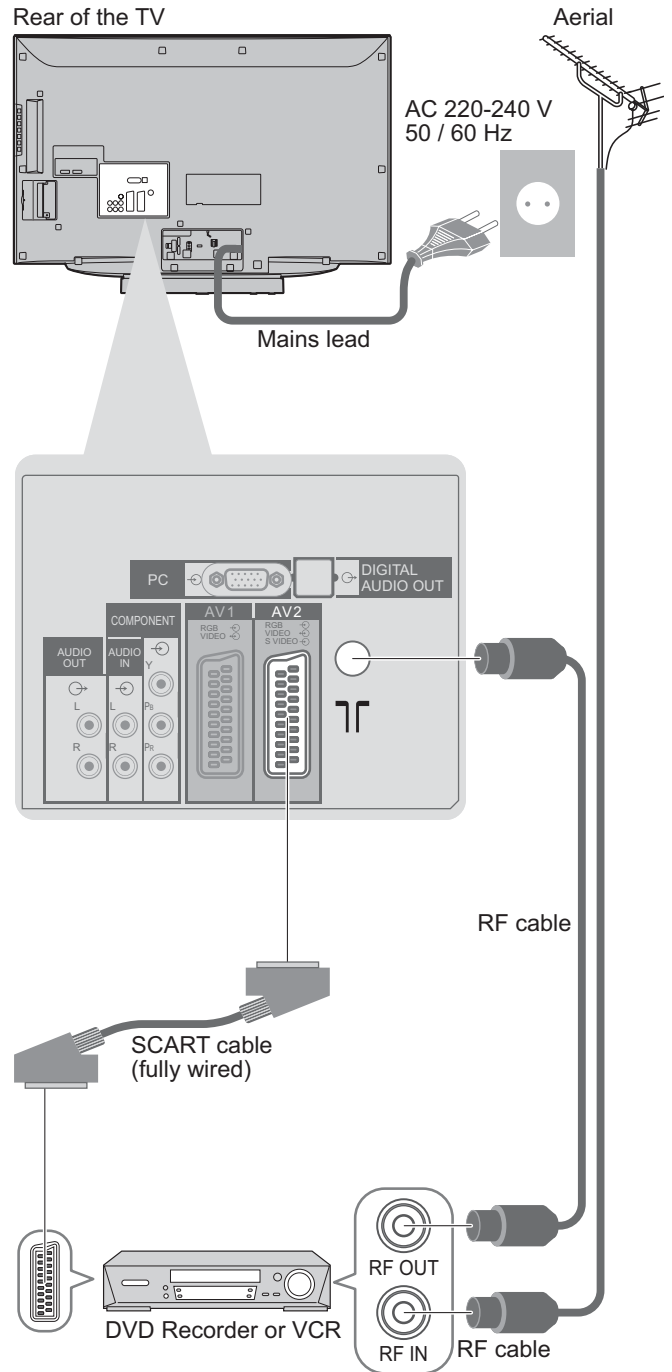
Example 1 Connecting aerial

TV only



Example 2 Connecting DVD Recorder / VCR

TV, DVD Recorder or VCR



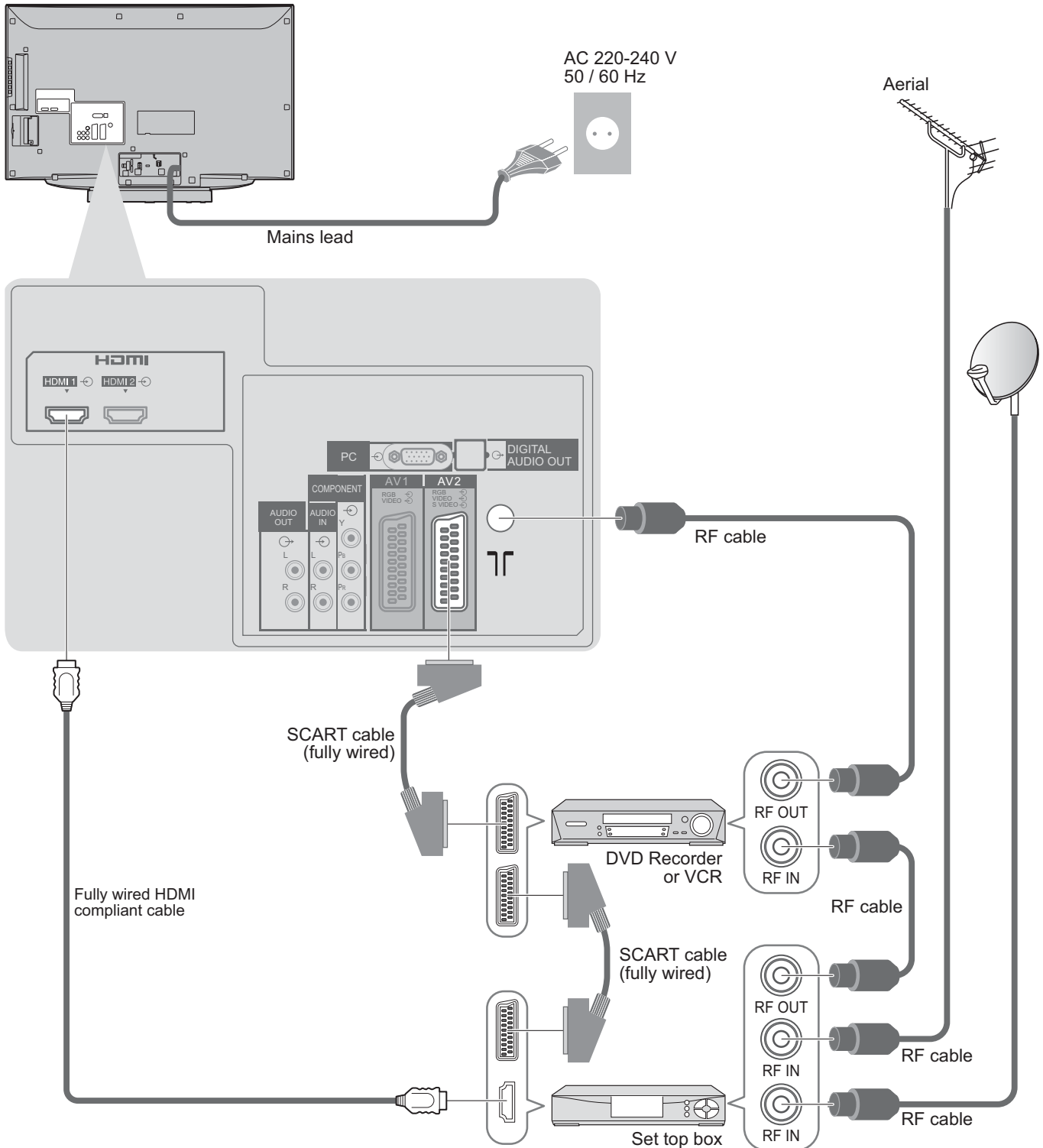
Note

- Connect to AV1 / AV2 for a DVD Recorder / VCR supporting Q-Link.
- For HDMI-compatible equipment, possible to connect to HDMI terminals (HDMI1 / HDMI2 / HDMI3) by using HDMI cable.
- Read the manual of the equipment too.

Example 3 Connecting DVD Recorder / VCR and Set top box

TV, DVD Recorder / VCR and Set top box

Rear of the TV



Auto Setup

Search and store TV programmes automatically.

These steps are not necessary if the setup has been completed by your local dealer.



1 Plug the TV into mains socket and switch On
(Takes a few seconds to be displayed)



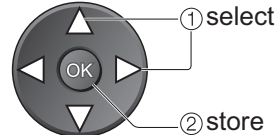
- You can now use the remote control to turn On the TV or turn the TV to standby mode. (Power LED: On)



2

Select the language

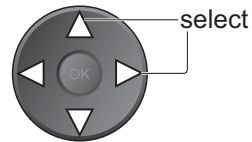
Menüsprache			
Deutsch	Dansk	Polski	Srpski
English	Svenska	čeština	Hrvatski
Français	Norsk	Magyar	Slovenščina
Italiano	Suomi	Slovenčina	Latviešu
Español	Türkçe	Български	eesti keel
Português	Ελληνικά	Română	Lietuvių
Nederlands			



3

Select your country

Country		
Germany	Denmark	Poland
Austria	Sweden	Czech
France	Norway	Hungary
Italy	Finland	Slovakia
Spain	Luxembourg	E.Eu
Portugal	Belgium	
Switzerland	Netherlands	
Malta	Turkey	
Andorra	Greece	



- Depending on the selected countries, you may also be required to select the region.

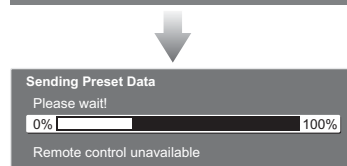
4

Start Auto Setup



Auto Setup - Digital and Analogue			
Digital Scan	51		699
Analogue Scan	21	781	411
This will take about 5 minutes.			
Channel	Service Name	Type	Quality
62	CBBC Channel	Free TV	10
62	BBC Radio Wales	Free TV	10
62	E4	Free TV	10
62	Cartoon Nwk	Free TV	10
29		Analogue	-
33	BBC1	Analogue	-
Free TV: 4	Play TV: -	Radio: -	Data: -
Searching			

- Auto Setup will start to search for TV programmes and store them. The sorted programme order depends upon the TV signal, the broadcasting system and reception conditions.



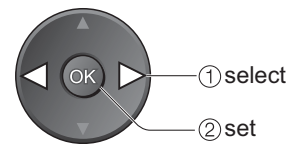
- If Q-Link, VIERA Link or similar technology, compatible recorder is connected, programme, language, country / region settings are automatically downloaded to the recorder.

5

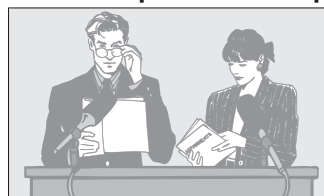
Select the picture setting

Please select your viewing environment.
Home Shop

- "Shop" and "Home" are equal to "Dynamic" and "Normal" respectively - "Viewing Mode" in "Picture Menu" (p. 14)









Auto Setup is now complete and your TV is ready for viewing.

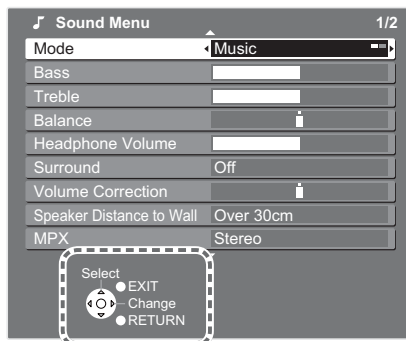


Many features available on this TV can be accessed via the On Screen Display menu.

■ **How to use remote control**

-  MENU
Open the main menu
-  Move the cursor / select the menu
-  Move the cursor / adjust levels / select from a range of options
-  OK
Access the menu / store settings after adjustments have been made or options have been set
-  RETURN
Return to the previous menu
-  EXIT
Exit the menu system and return to the normal viewing screen

■ **ON SCREEN HELP Instructions box**
(example: Sound Menu)



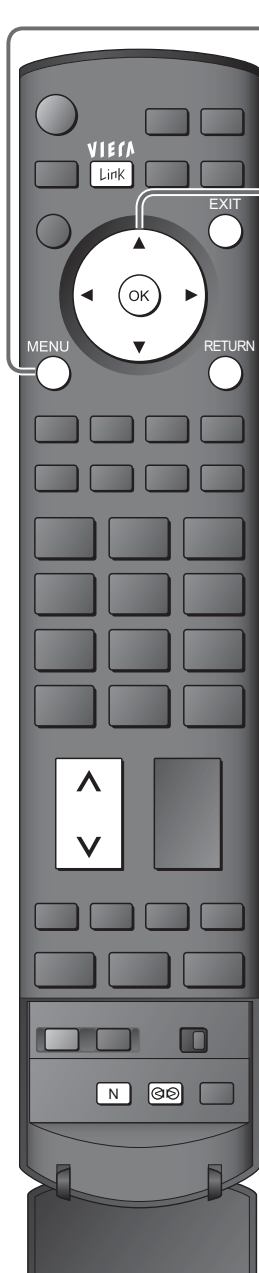
On-screen operation guide will help you.

Note

- If tuning has failed → “Auto Setup” (p. 15)
- If downloading has failed → “Download” (p. 15)
- To initialize all settings → “Shipping Condition” (p. 15)
- If you turned the TV Off during Standby mode last time, the TV will be in Standby mode when you turn the TV On with Mains power On / Off switch.

How to Use Menu Functions

Various menus allow you to make settings for the picture, sound, and other functions.



1

Display the menu

MENU



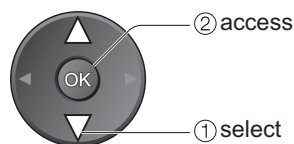
- Displays the functions that can be set (varies according to the input signal)

2

Select the menu

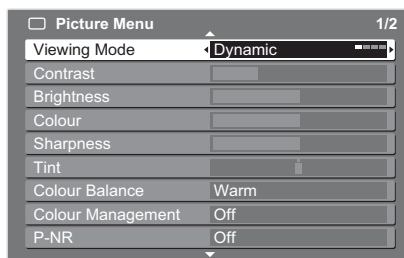


(example: Picture Menu)



3

Select the item

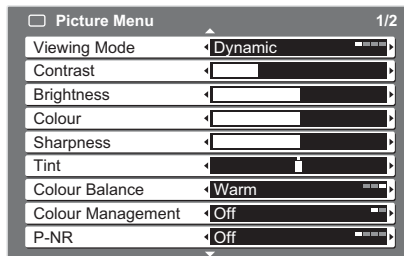


(example: Picture Menu)

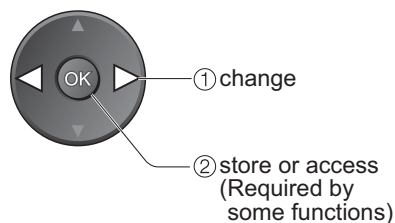


4

Adjust or select



(example: Picture Menu)



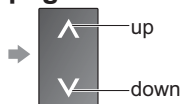
■ To return to TV at any time



■ To return to the previous screen



■ To change menu pages



■ Choose from among alternatives

Number and positions of alternatives



Changed

■ Adjust using the slide bar



Moved

■ Go to the next screen



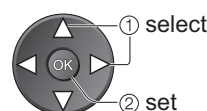
Displays the next screen

■ Enter characters by free input menu

You can enter names or numbers freely for some items.



Set characters

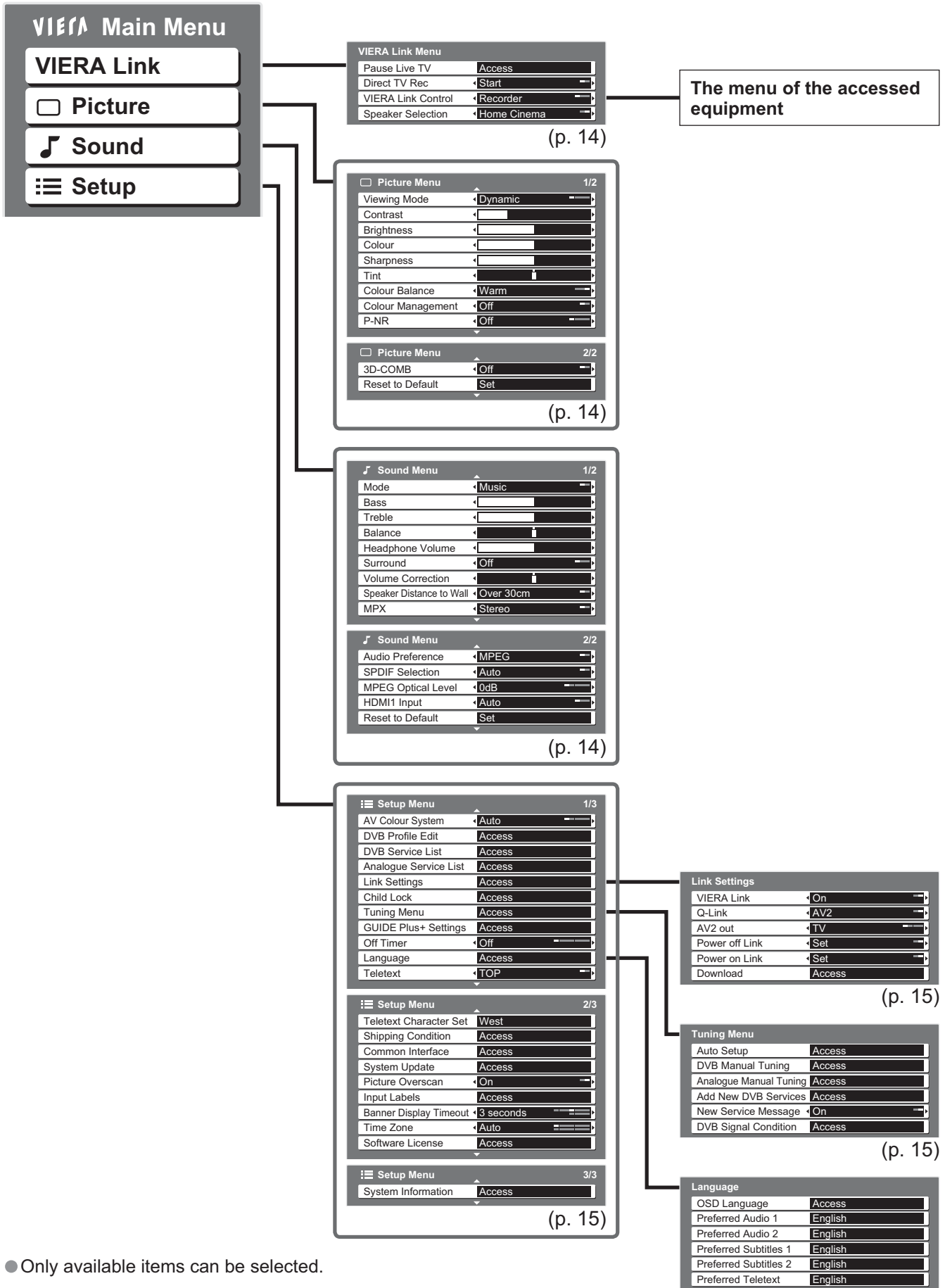


Store

RETURN



■ Overview



● Only available items can be selected.

How to Use Menu Functions

■ Menu list

Menu	Item	Adjustments / Configurations (alternatives)
VIERA Link	Pause Live TV	Controls the connected equipment with VIERA Link function, and enables various convenient recording, playback, etc. ● You can also access VIERA Link Menu directly using the VIERA Link button on the remote control.
	Direct TV Rec	
	VIERA Link Control	
	Speaker Selection	
Picture	Viewing Mode	Basic picture mode (Dynamic / Normal / Cinema / Eco) Dynamic: Provides enhanced picture contrast and sharpness when viewing in a bright room Normal: Recommended for viewing under normal ambient room lighting conditions Cinema: For watching movies in a darkened room producing a cinema-like picture Eco: Adjusts picture settings automatically dependent on ambient lighting conditions ● Set for each input signal
	Contrast, Brightness, Colour, Sharpness	Increases or decreases the levels of these options according to your personal preference
	Tint	With an NTSC signal source connected to the TV, the picture hue can be adjusted to suit your taste ● For NTSC signal reception only
	Colour Balance	Allows you to set the overall colour tone of the picture (Cool / Normal / Warm)
	Colour Management	Automatically adjusts colours to vivid ones (Off / On) ● Not valid on PC signal
	P-NR	Picture Noise Reduction Automatically reduces unwanted picture noise and flicker noise in the contoured parts of a picture (Off / Min / Mid / Max) ● Not valid on PC signal
	3D-COMB	Occasionally, whilst viewing still or slow moving pictures, colour patterning may be seen Set to "On" to display sharper and more accurate colours (Off / On) ● For PAL or NTSC signal reception only ● Not valid on RGB, S-Video, Component, PC, HDMI and SD Card
	Reset to Default	Press the OK button to reset the present Picture Mode to the default settings
Sound	Mode	Basic sound mode (Music / Speech)
	Bass	Increases or decreases level to enhance or minimise lower, deeper sound output
	Treble	Increases or decreases level to enhance or minimise sharper, higher sound output
	Balance	Adjusts volume level of right and left speakers
	Headphone Volume	Adjusts the volume of the headphones
	Surround	Surround sound settings (Off / Simulated Surround / BBE ViVA) Simulated Surround: Provides a dynamic enhancer to simulate improved spatial effects BBE ViVA: BBE ViVA HD3D (High Definition 3D) Sound provides musically accurate natural 3D image with Hi-Fi sound. The clarity of the sound is improved by BBE while the width, depth and height of sound image are expanded by BBE's proprietary 3D sound process. BBE ViVA HD3D Sound is compatible with all TV programmes including news, music, dramas, movies, sports and electronic games. ● Switching is also possible by the Surround button on the remote control.
	Volume Correction	Adjusts volume of individual programme or input mode
	Speaker Distance to Wall	Adjusts the low frequency sound (Over 30cm / Up to 30cm) ● If the back space between the TV and wall is over 30 cm, "Over 30cm" is recommended. ● If the back space between the TV and wall is within 30 cm, "Up to 30cm" is recommended.
	MPX	Select stereo / monaural (Mono / Stereo) ● Normally: Stereo ● Stereo signal cannot be received: Mono ● M1 / M2: Available while mono signal is transmitted ● Analogue mode only
	Audio Preference	Selects the initial setting for Audio tracks (Dolby Digital / MPEG) If programme has both Dolby Digital and MPEG audio tracks, priority is given to what you select Dolby Digital: A method of coding digital signals developed by Dolby Laboratories. Apart from stereo (2ch) audio, these signals can also be multi-channel audio. MPEG: An audio compression method that compresses audio to small size without any considerable loss of audio quality. ● DVB mode only
	SPDIF Selection	Selects the initial setting for digital audio output signal from DIGITAL AUDIO OUT terminal (Auto / PCM) Auto: Dolby Digital is output as Dolby Digital Bitstream. MPEG is output as PCM. PCM: Dolby Digital is output as PCM. MPEG is output as PCM. ● DVB mode only
	MPEG Optical Level	Normally, MPEG sound is larger than Dolby Digital one You can adjust the audio level of MPEG output from DIGITAL AUDIO OUT terminal as the initial setting ● 0dB to -12dB in -2dB reductions ● DVB mode only
	HDMI1 / 3 Input	Select to fit the input signal (Auto / Digital / Analogue) Auto: Automatic detection of digital or analogue sound source Digital: HDMI cable connection Analogue: HDMI-DVI adapter cable connection ● HDMI input mode only ● HDMI2 terminal is for digital signal only ● No setting for HDMI2 available
	Reset to Default	Press the OK button to reset the present Sound Mode to the default settings

Menu list

Menu	Item	Adjustments / Configurations (alternatives)	
Setup	AV Colour System	Selects optional colour system based on video signals in AV mode (Auto / PAL / SECAM / M.NTSC / NTSC)	
	DVB Profile Edit	Creates list of favourite programmes	
	DVB Service List	Skips the unwanted DVB programmes	
	Analogue Service List	Skips the unwanted Analogue programmes or edits Analogue programmes	
	Link Settings	VIERA Link	Sets to use VIERA Link functions (Off / On)
		Q-Link	Selects which AV terminal is to be used for data communication between this TV and a compatible recorder (AV1 / AV2) ● Select the connected terminal to the recorder even it is not compatible with Q-Link.
		AV1 / AV2 out	Chooses the signal to be transmitted from the TV to Q-Link (TV / AV1 / AV2 / AV3 / Monitor) ● Monitor: Image displayed on screen ● Component, PC and HDMI signals cannot be outputted.
		Power off Link	Sets to use Power off Link function (No / Set)
		Power on Link	Sets to use Power on Link function (No / Set)
		Download	Downloads programme, language, country / region settings to a Q-Link or VIERA Link compatible equipment connected to the TV
	Child Lock	Locks a programme / AV input to prevent access to it	
	Tuning Menu	Auto Setup	Automatically sets the programmes received in the area
		DVB Manual Tuning	Sets the DVB programmes manually
		Analogue Manual Tuning	Sets the Analogue programmes manually
		Add New DVB Services	Adds new DVB services
		New Service Message	Selects whether to give a notification message when a new DVB service is found
		DVB Signal Condition	Checks the DVB signal condition
	GUIDE Plus+ Settings	Update	Performs the update of the GUIDE Plus+ schedule and advertising informations for GUIDE Plus+ system
		Postcode	Sets your postcode for using GUIDE Plus+ system
		System Information	Displays the system information of GUIDE Plus+
	Off Timer	Sets the time the TV automatically turns Off (Off / 15 / 30 / 45 / 60 / 75 / 90 minutes)	
	Language	OSD Language	Changes language for on-screen displays
		Preferred Audio 1 / 2	Selects the preferred language for DVB multi audio (depending on the broadcaster)
		Preferred Subtitles 1 / 2	Selects the preferred language for DVB subtitles (depending on the broadcaster)
		Preferred Teletext	Selects the preferred language for DVB teletext service (depending on the broadcaster)
	Teletext	Teletext display mode (TOP (FLOF) / List)	
	Teletext Character Set	Selects teletext language (West / East1 / East2) ● West: English, French, German, Greek, Italian, Spanish, Swedish, Turkish, etc. ● East1: Czech, English, Estonian, Lettish, Rumanian, Russian, Ukrainian, etc. ● East2: Czech, Hungarian, Lettish, Polish, Rumanian, etc.	
	Shipping Condition	Resets all settings, for example, when moving house	
	Common Interface	Uses include to watch pay-TV	
	System Update	Downloads new software to TV	
	Picture Overscan	Selects the screen area displaying the image (Off / On) On : Enlarged the image to hide the edge of the image. Off : Displayed the image in the original size. ● Set to "On" if noise is generated on the edge of the screen. ● This function is available when aspect is set to Auto (16:9 signal only) or 16:9. ● This function can be memorized separately for SD (Standard definition) and HD (High definition) signals.	
	Input Labels	Labels or skips each input terminal	
	Banner Display Timeout	Sets how long the information banner stays on screen ● 0 (No display) to 10 sec. in 1-sec. increments	
	Time Zone	Adjusts the time data	
	Software License	Displays the software licence information	
	System Information	Displays the system information of this TV	

- A different menu will be displayed while PC or SD Card is used.
- Only available items can be selected.

Information on Disposal for Users of Waste Electrical & Electronic Equipment (private households)



This symbol on the products and/or accompanying documents means that used electrical and electronic products should not be mixed with general household waste.

For proper treatment, recovery and recycling, please take these products to designated collection points, where they will be accepted on a free of charge basis. Alternatively, in some countries you may be able to return your products to your local retailer upon the purchase of an equivalent new product.

Disposing of this product correctly will help to save valuable resources and prevent any potential negative effects on human health and the environment which could otherwise arise from inappropriate waste handling. Please contact your local authority for further details of your nearest designated collection point. Penalties may be applicable for incorrect disposal of this waste, in accordance with national legislation.

For business users in the European Union

If you wish to discard electrical and electronic equipment, please contact your dealer or supplier for further information.

Information on Disposal in other Countries outside the European Union

This symbol is only valid in the European Union.

If you wish to discard this product, please contact your local authorities or dealer and ask for the correct method of disposal.

		TX-32LZD80F	TX-37LZD80F
Power Source		AC 220-240 V, 50 / 60 Hz	
Power Consumption	Average use	150 W	190 W
	Standby condition	0.3 W (Without monitor out recording) 19 W (With monitor out recording)	

- This equipment complies with the EMC standards listed below.
EN55013, EN61000-3-2, EN61000-3-3, EN55020, EN55022, EN55024.

Customer's Record

The model number and serial number of this product may be found on its rear panel. 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 _____

Matsushita Electric Industrial Co., Ltd.

Web Site : <http://www.panasonic-europe.com>

© 2008 Matsushita Electric Industrial Co., Ltd. All Rights Reserved.