

JVC

ENGLISH
DEUTSCH
FRANÇAIS
NEDERLANDS
CASTELLANO
ITALIANO
PORTUGUÊS

LT-37M60BU LT-37M60ZU

WIDE LCD PANEL TV

16:9 LCD TV

TELEVISEUR A ECRAN LCD PANORAMIQUE

BREEDBEELD LCD TV

TELEVISOR CON PANEL LCD PANORÁMICO

TV LCD WIDESCREEN

TELEVISOR COM ECRÃ PANORÂMICO DE

CRISTAL LÍQUIDO

INSTRUCTIONS

BEDIENUNGSANLEITUNG

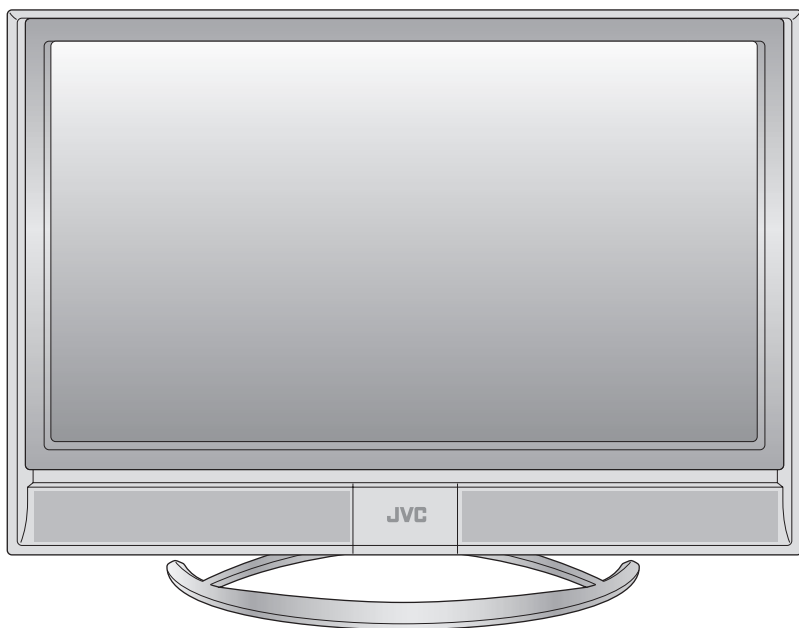
MANUEL D'INSTRUCTIONS

GEBRUIKSAANWIJZING

MANUAL DE INSTRUCCIONES

ISTRUZIONI

INSTRUÇÕES



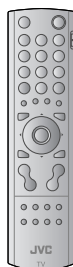
HD
ready

DynaPiX
Powered by D.L.S.T.

InteriArt

HDMI
HIGH-DEFINITION MULTIMEDIA INTERFACE

T-V LINK



LCT1952-001A-U

Expanding the world of



beautiful images

Contents

First things first!

- Warning 3

Getting started

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Let's try it out

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 - TV / Teletext / Video / etc.
- Watching TV 17
- Viewing teletext 19
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- Using a media card 23

Try the advanced features

- Useful functions 27
 - Take a snapshot
 - View and search in multi-picture mode
 - Sleep timer / Child lock

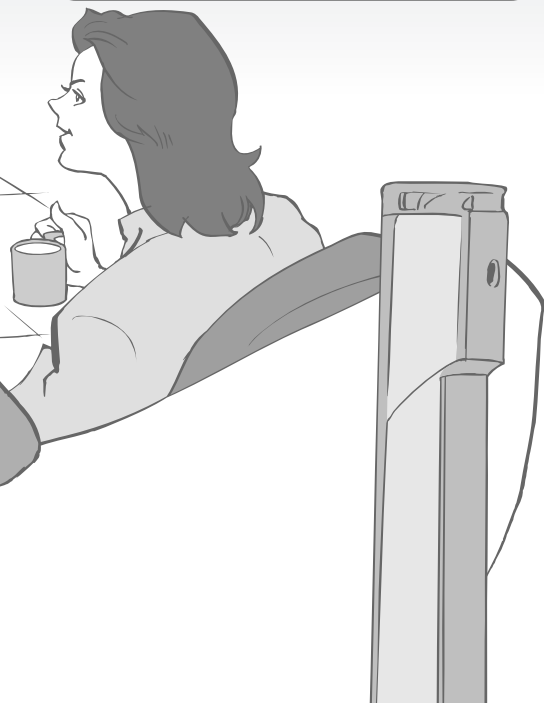
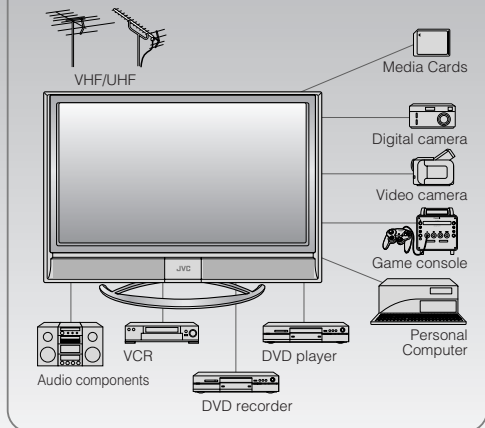
Just the way you like it

- Customising your TV 29
- Advanced picture adjustment 31
 - Reduce noise / Watch a more natural picture
 - Set the aspect ratio, etc.

When you have trouble

- Troubleshooting 33
- Technical information 36
- CH/CC List 37
- Specifications 38

Enjoy rich multi-media with JVC

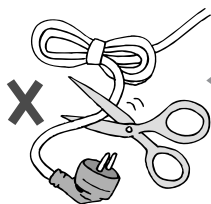


Warning

Please follow all the guidelines below

Never cut or damage the power cord!

- If the AC plug is not the right shape, or the power cord is not long enough, use an appropriate plug adapter or extension cable. (Consult your retailer.)



Never try to repair the TV yourself!

→ If the problem cannot be solved in "Troubleshooting" (P. 33), unplug the power cord and contact your retailer.

Never place anything on the TV!

- Placing liquids, naked flames, cloths, paper, etc. on the TV may cause a fire.

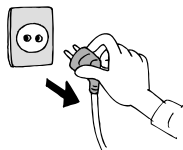


Follow this manual regarding setup!

- Connect only to a 110-240V, 50/60Hz AC outlet.

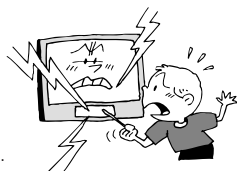
Unplug the power cord when going out!

- The power buttons on the remote control and the TV unit cannot completely turn off the TV. (Make appropriate arrangements for bedridden people.)



Never insert objects into the cabinet openings!

- It may cause a fatal electric shock. Take care when children are near.



■ For more details on installation, usage and safety → Consult your retailer

Never expose to rain or moisture!

- To prevent fire or electric shock, never allow liquids to enter the unit.



Do not allow the TV to fall!

- Do not rest your elbows on, or allow children to hang from the TV. There is a risk that the TV will fall and cause injuries.

Hold the TV so as not to scratch the screen!

- Do not touch the screen when carrying the TV.

Do not carry the TV on your own!

- In order to prevent accidents, ensure that the TV is carried by two or more people.



If the TV is damaged or behaving strangely, stop using it at once!

→ Unplug the power cord and contact your retailer.

When attaching the TV to the wall, use the optional JVC wall mounting unit!

- Consult a qualified technician.
- See the included manual on mounting procedures.
- JVC assumes no responsibility for damage due to improper mounting.

Never dismantle the rear panel!

- It may cause an electric shock.

Never obstruct the ventilation holes!

- It may cause overheating or a fire.

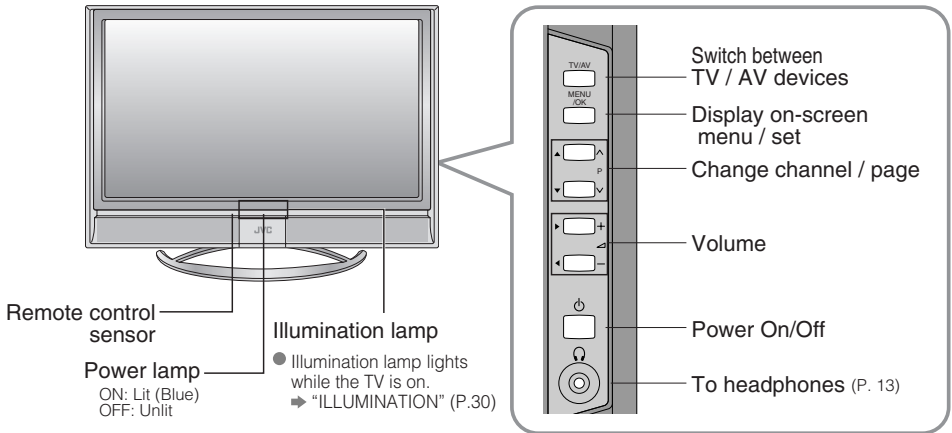
Handle LCD panel with care!

- Use a soft, dry cloth when cleaning.

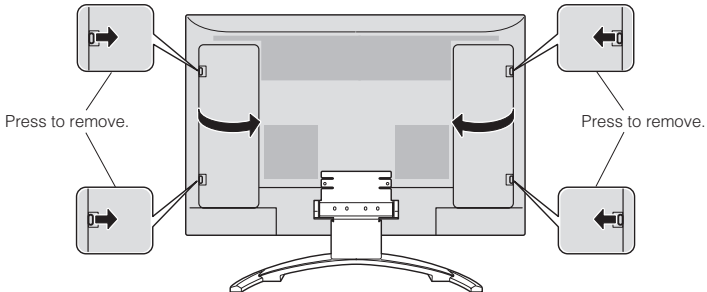
Never listen to headphones at high volume!

- It may damage your hearing.

Names of all the parts

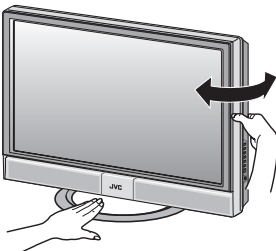


Remove the terminal covers

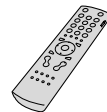


- If the cover cannot be closed due to the cables being in the way
➔ Do not force the cover to close (leave it open).
- Connecting terminals on the back of the TV ➔ Connecting External devices (P. 13)

Change the direction of TV



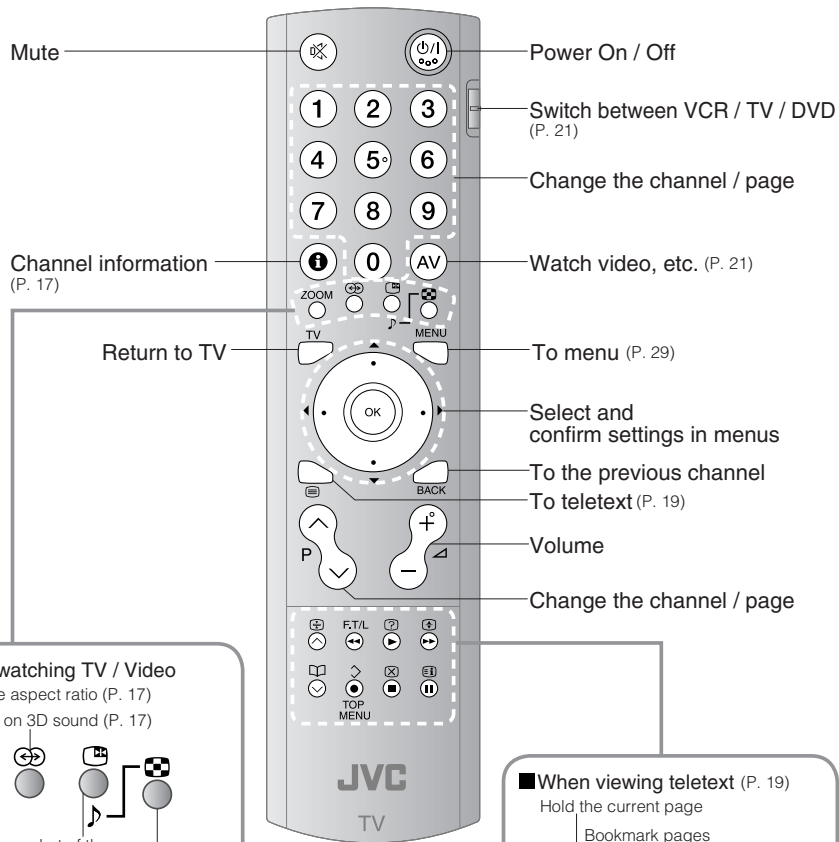
Check accessories



Remote control
(RM-C1811H)



AA/R6 Batteries
(For confirming the TV works)



■ When watching TV / Video
 Change the aspect ratio (P. 17)
 Turn on 3D sound (P. 17)

Take a snapshot of the screen (P. 27)

View in multi-picture mode (P. 27)

■ When viewing teletext (P. 19)

■ Insert the batteries
 Use two AA/R6 dry cell batteries.
 Insert the batteries from the ⊖ end, making sure the ⊕ and ⊖ polarities are correct.

■ When viewing teletext (P. 19)
 Hold the current page

Bookmark pages

Reveal hidden pages

Enlarge the text

Switch briefly between teletext and TV

To index page

■ When watching TV (P. 17)

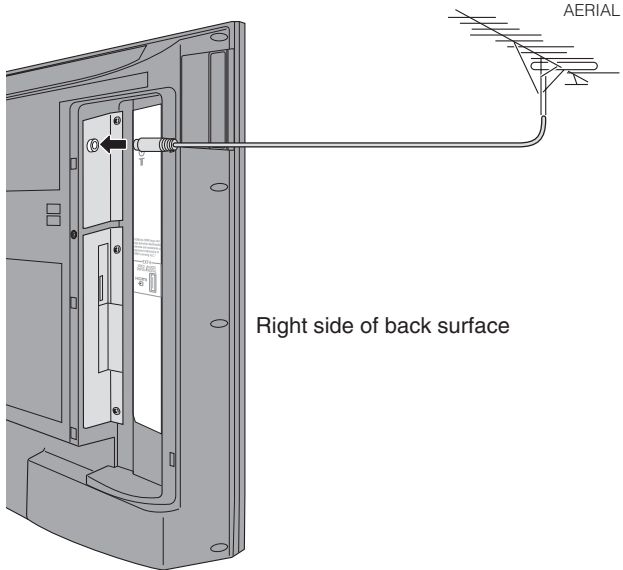
■ When operating a JVC VCR or DVD (P. 21)

Basic connections

Please read the user manuals of each device carefully before setup.
It is necessary to connect an aerial to watch TV.

■ Connect with other devices ➔ "Connecting external devices" (P. 13)

Connect the aerial



- After all the connections have been made, insert the plug into an AC outlet.

Care when setting

■ Power requirements

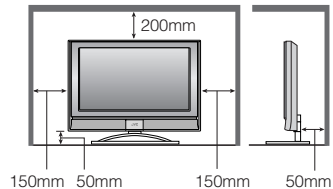
- Connect the power cord only to a 110-240V, 50/60Hz AC outlet.

■ When attaching the TV to the wall, use the optional JVC wall mounting unit

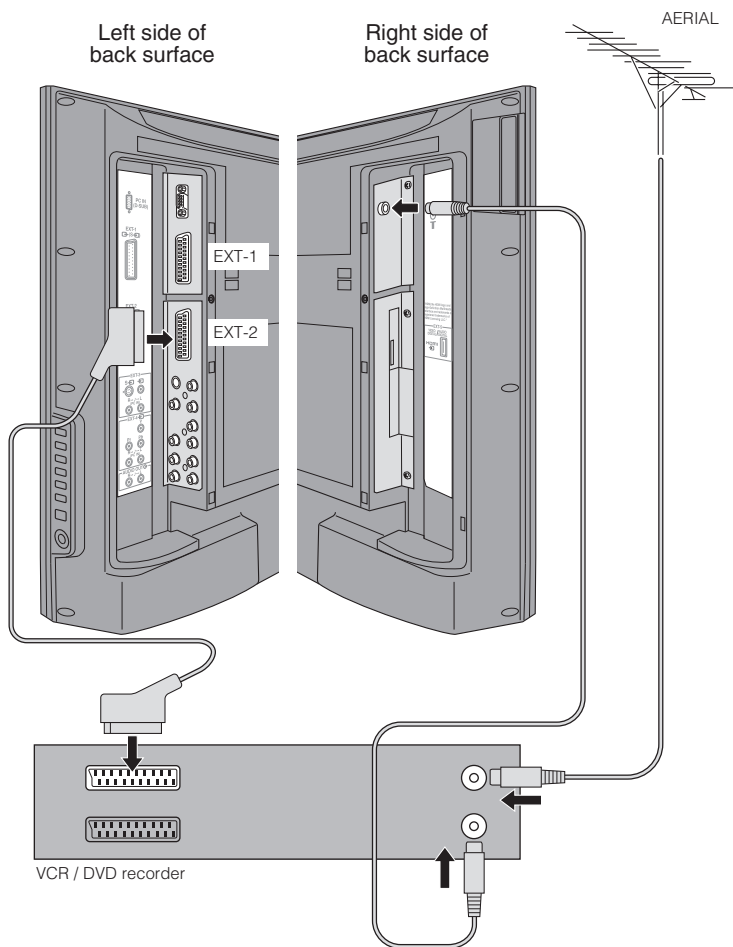
- Consult a qualified technician.
- See the included manual on mounting procedures.
- JVC assumes no responsibility for damage due to improper mounting.

■ Installation requirements

- To avoid overheating, ensure the unit has ample room.



Connect a VCR / DVD recorder



- After all the connections have been made, insert the plug into an AC outlet.
- Connect T-V LINK compatible recording device to EXT-2.
- T-V LINK → "What is T-V LINK?" (P. 9)


Initial settings


Set the menu language, installation location and automatically register the TV channels.

These channels can be edited later in "Editing channels" (P. 11).

(Channel data on the TV can be sent to a connected recording device that is compatible with T-V LINK.)



■ To the previous screen →  BACK

■ Exit →  TV

■ If the "JVC" logo does not appear or if you wish to make changes later
→ "LANGUAGE" and "AUTO PROGRAM" (P. 30)

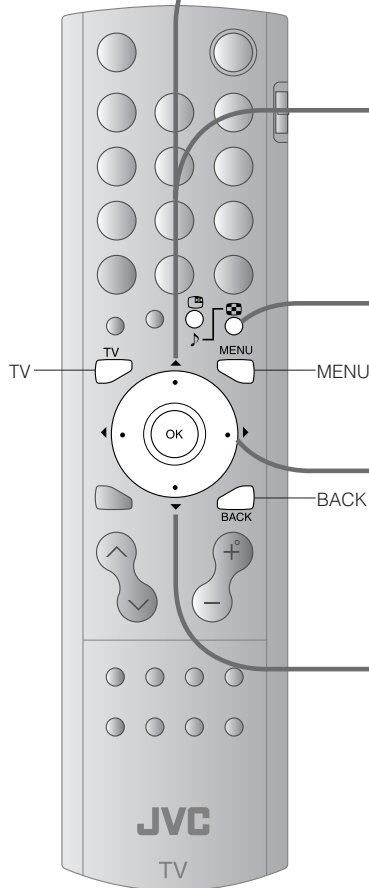
What is "T-V LINK"?

Connecting the TV to a T-V LINK compatible device allows :

- Channels on the TV to be instantly registered on the device.
- The "DIRECT REC" function to be used.
→ "Technical information" (P. 36)

■ T-V LINK variations

"T-V LINK" (JVC) "Q-LINK" (Panasonic)
"Megalogic" (Grundig) "Data Logic" (Metz)
"SMARTLINK" (Sony) "Easy Link" (Philips)



1

Begin



- Shown only when powering on for the first time.
- The power on the remote control can also be used.

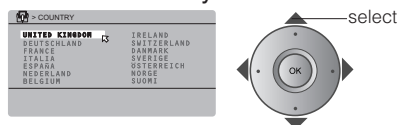
2

Select a language



3

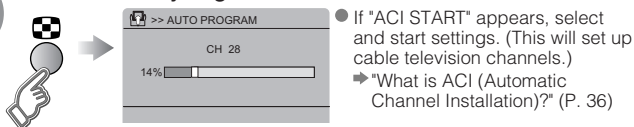
Select the country of installation



- For the next page ➡ ● (Yellow)

4

Automatically register channels



- If "ACI START" appears, select and start settings. (This will set up cable television channels.)
- ➔ "What is ACI (Automatic Channel Installation)?" (P. 36)

5

Check what was registered

PR	FD	CH/CC
01	BBC1	CH 21
02		CH 22
03		CH 23
04		CH 24
05		CH 25
06		CC 02
07		CC 03
08		CC 04
09		CC 05

■ Edit channels

- ➔ 4 in "Editing channels" (P. 11)

■ Confirm

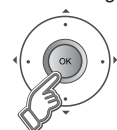


6

Finish



■ When using T-V LINK



- If "FEATURE NOT AVAILABLE" appears :
 - ➔ Is the T-V LINK compatible device connected to EXT-2?
 - ➔ Is the device turned on?

■ When not using T-V LINK



Editing channels

Edit the channels registered with "AUTO PROGRAM" in "Initial settings" (P. 9).

When coming from "Initial settings" (P. 9), skip to ④.



①

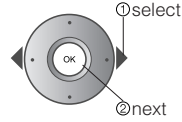
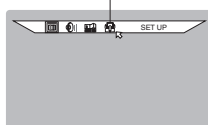
Display the menu bar

MENU



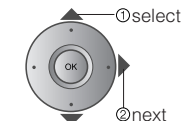
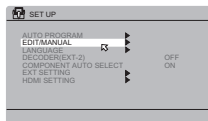
②

Select "SET UP"



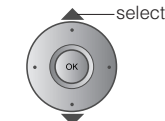
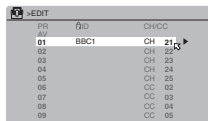
③

Select "EDIT / MANUAL"



④

Select a row



⑤

Edit

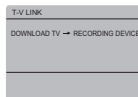
⑥

Confirm settings

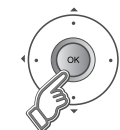


⑦

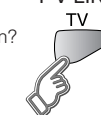
Finish



■ When using T-V LINK



■ When not using T-V LINK



- If "FEATURE NOT AVAILABLE" appears :
 - ➔ Is the T-V LINK compatible device connected to EXT-2?
 - ➔ Is the device turned on?
- T-V LINK ➔ (P. 9)

Move a channel's position

MOVE

Edit a channel name

ID

Insert a channel

INSERT

Delete a channel

DELETE

Register a new channel

MANUAL

■ To the previous screen



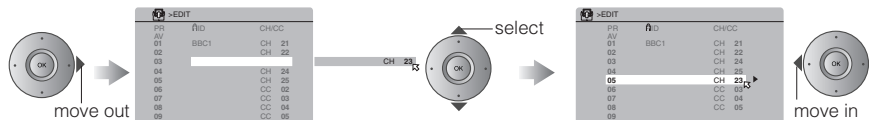
■ Exit



① Begin

② Select a destination

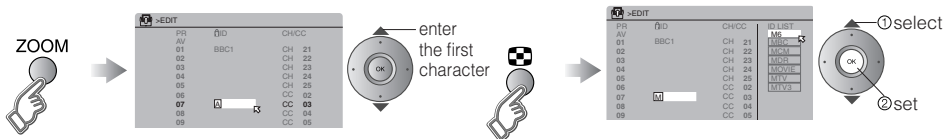
③ Finish



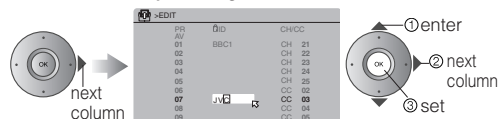
① Begin

② Enter a channel name

■ When selecting a preset name from the ID LIST



■ When manually naming a channel

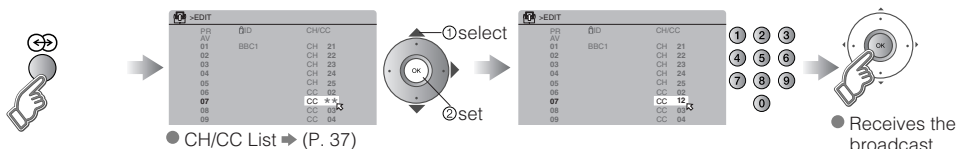


① Begin

② Select a CH / CC

③ Enter a number

④ Set



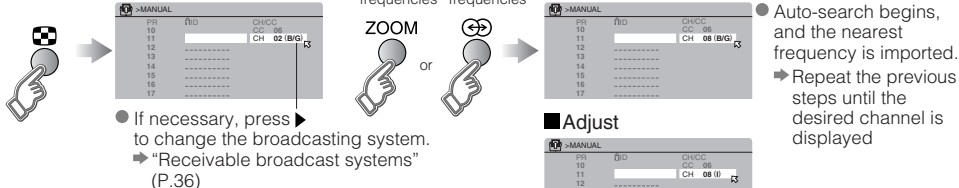
① Delete



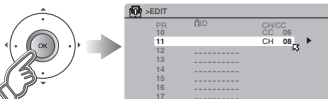
① Begin

② Beginning channel search

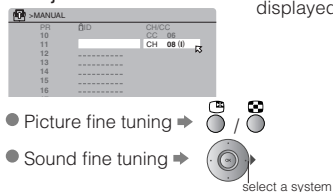
From high frequencies or From low frequencies



③ Set

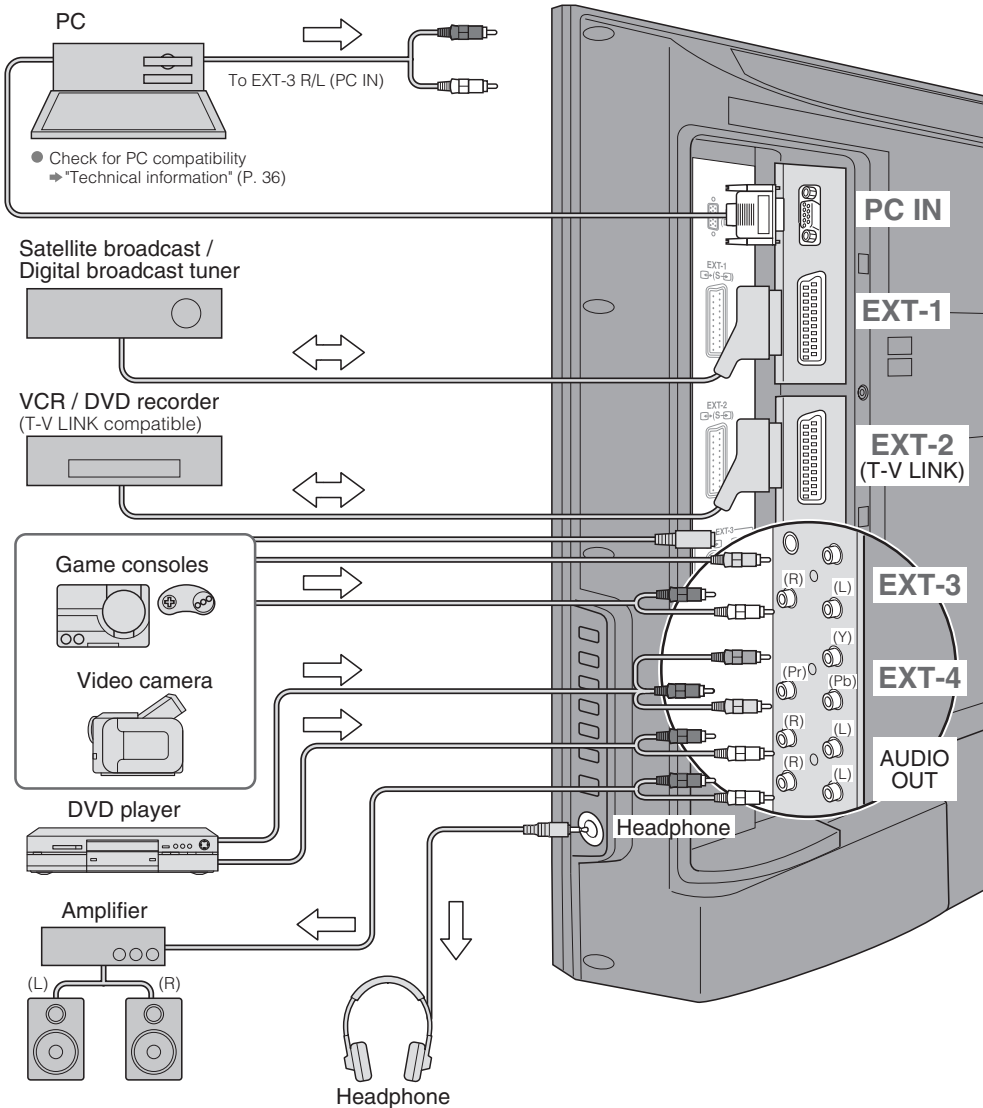


■ Adjust



Connecting external devices

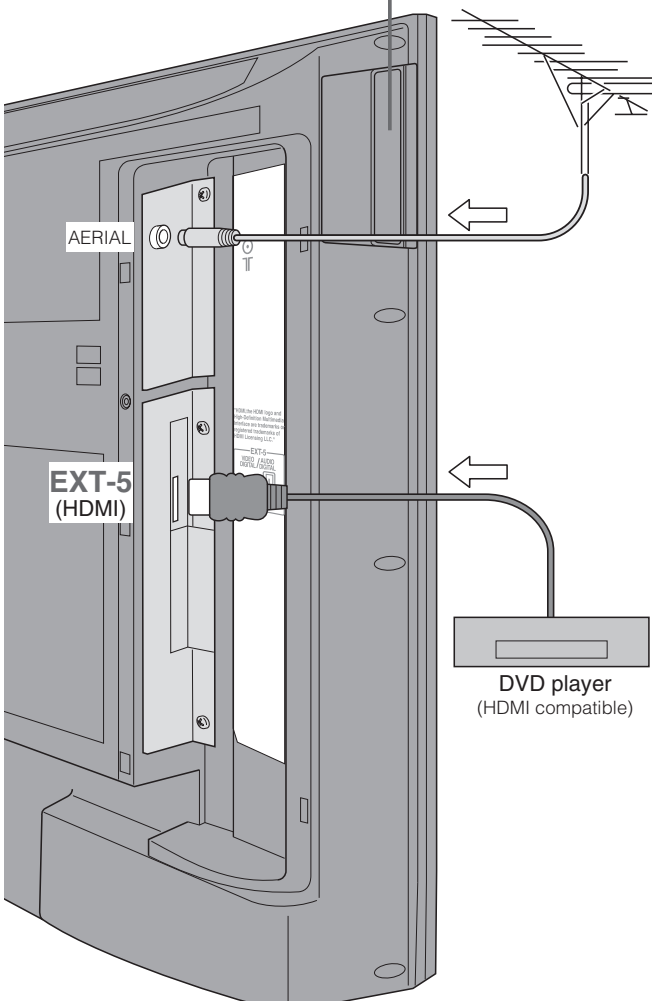
You can connect many different devices to the rear panel of the TV.
Please read the user manuals of each device before setting up.
(Connecting cables are not supplied with this TV.)



VCR / DVD / other devices

➡ : signal direction

Media Card slot
("Using a media card" P.23)



■ Connect DVI devices

➔ (P. 36)

■ T-V LINK ➔ (P. 9)

EXT-1 Watching videos

Output ↑	Input ↓
· Composite signal	· Composite signal / RGB / S-VIDEO
· Sound L / R	· Sound L / R

● Use S-VIDEO ➔ "S-IN" (P. 22)

EXT-2 Dubbing videos Using T-V LINK

Output ↑	Input ↓
· Composite signal	· Composite signal / RGB / S-VIDEO
· Sound L / R	· Sound L / R
· T-V LINK	

- Use S-VIDEO ➔ "S-IN" (P. 22)
- Select dubbing sources
➔ "DUBBING" (P. 22)
- Connect a decoder
➔ "DECODER (EXT-2)" (P. 30)

EXT-3 Watching videos

Output ↑	Input ↓
/	
	· Composite signal / S-VIDEO
	· Sound L / R

EXT-4 Watching DVDs

Output ↓	Input ↑
/	
	· Component signal (P. 38)
	· Sound L / R

● COMPONENT AUTO SELECT ➔ (P. 30)

EXT-5 Connecting HDMI devices

Output ↑	Input ↓
/	
	· HDMI signal (P. 38)

● HDMI SETTING ➔ (P. 30)

AUDIO OUT

Listening to the TV on external speakers

Output ↓
· Sound L / R

Enjoying your new TV!

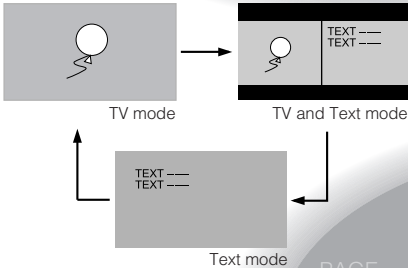
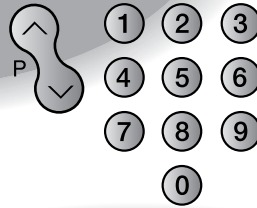
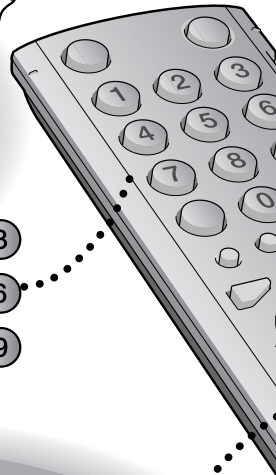
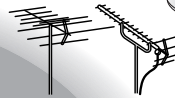
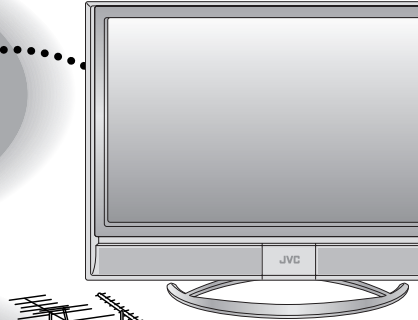
PAGE
23 Using a media card

- View photos
- Watch videos



PAGE
17 Watching TV

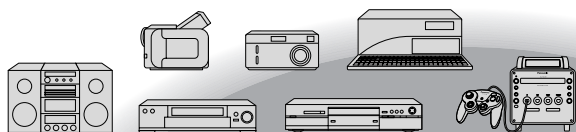
- View channel information
- Change the aspect ratio
- Enjoy 3D sound
- Register your favourite channels



PAGE
19 Viewing teletext

- Enlarge the text
- To the index page
- Hold the current page
- Switch briefly between teletext and TV
- Bookmark your favourite pages





PAGE
21 **Watching videos / DVDs**

- Watch high quality video (S-VIDEO)
- Name connected devices
- Dub videos

AV

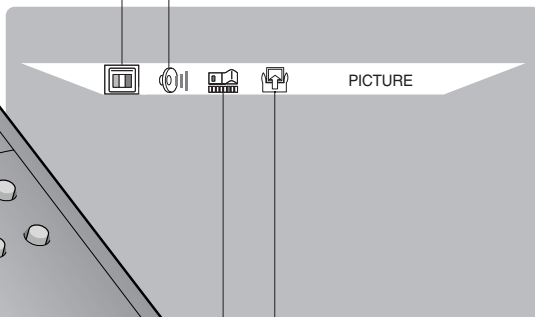
PAGE

29

Personal preferences

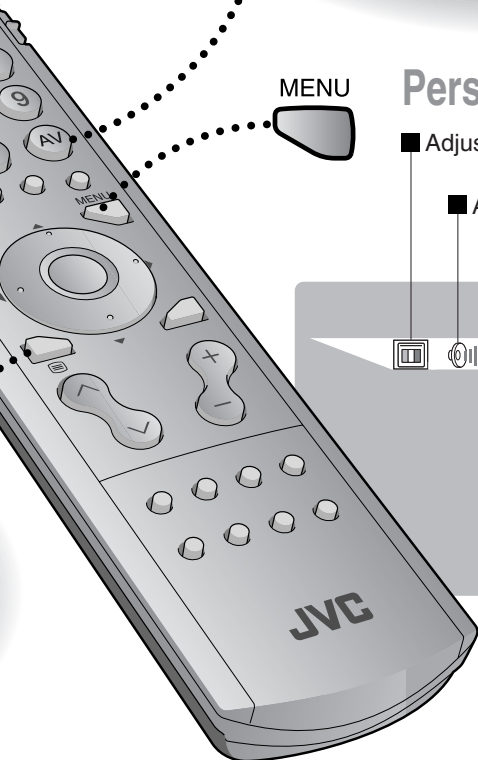
MENU

- Adjust the picture
- Adjust the sound



- Basic settings
(channel settings / anti-burn, etc.)

- Advanced settings
(sleep-timer / child lock, etc.)



Watching TV

1 Power on

The blue power lamp on the TV lights

- Press again to turn the screen off and put the TV into standby mode.

2 Select a channel

1 2 3
4 5 6
7 8 9
0

■ Move up or down a channel

up
down

■ Switch between stereo / mono / bilingual broadcasting

→ "STEREO / I · II " (P. 30)

■ To the previous channel

→ BACK

Note

- To completely turn off the TV, unplug the AC plug.

■ Mute

■ Volume

Channel information and clock

INFORMATION

Change the aspect ratio

ZOOM

Enjoy ambient sound

3D SOUND

Register a channel to a button


FAVOURITE CHANNEL

Basic operations using the side buttons

1 Power on

2 Change the channel

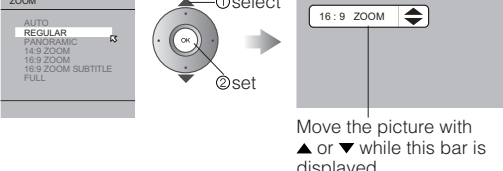
■ Volume



PR LIST

- Channels registered in "Initial settings" will appear here.
- Channel information: 1 BBC1
- Time (in case of having viewed teletext): 12:00
- (No indication)

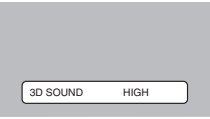
- Select a page →
- Select and view a channel →



ZOOM

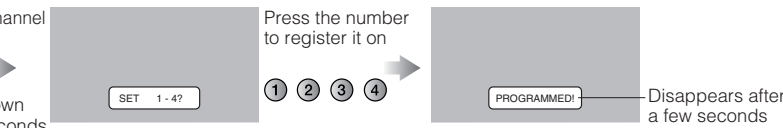
- When set to AUTO, the aspect ratio will turn to the ratio obtained from the information the TV received. Without receiving aspect information, it will be the setting in "4:3 AUTO ASPECT" (P.31)
- Not available in PC mode / 1080i (1125i) / 720p (750p) signals.

Move the picture with ▲ or ▼ while this bar is displayed



3D SOUND HIGH

- HIGH** : For stereo sound
- LOW** : For stereo sound (when the sound distorts in HIGH mode)
- MONO** : For mono sound (emulates a stereo-like sound)
- OFF** : Turns off 3D SOUND



While the channel is displayed

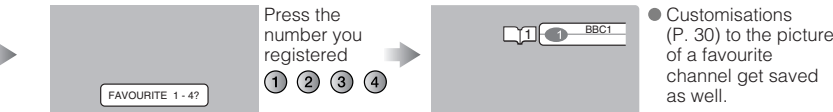
Hold down for 3 seconds

Press the number to register it on

PROGRAMMED!

Disappears after a few seconds

■ Recall the favourite channel



Press the number you registered

1 2 3 4

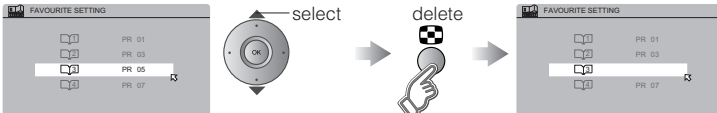
1 1 BBC1

- Customisations (P. 30) to the picture of a favourite channel get saved as well.

■ Check your favourite channels → Press and confirm that the channels you have registered have a beside them

■ Delete a favourite channel

→ MENU → → "FEATURES" → "FAVOURITE SETTING"



FAVOURITE SETTING

PR 01

PR 03

PR 05

PR 07

select

delete

FAVOURITE SETTING

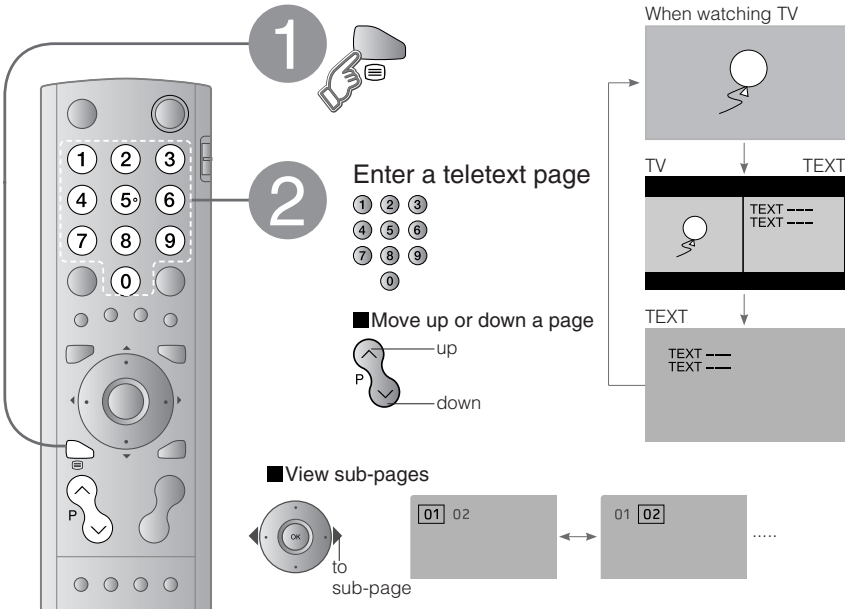
PR 01

PR 03

PR 07

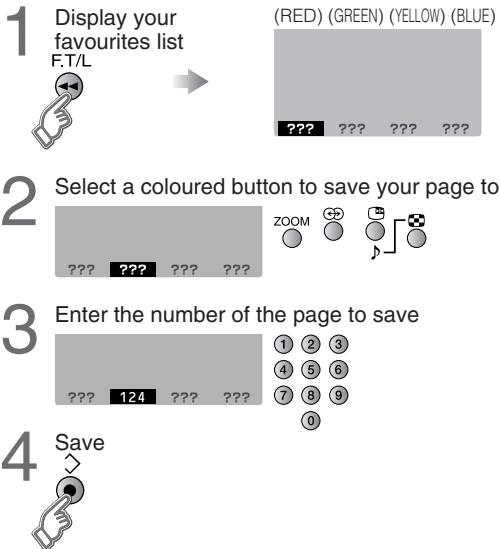
Viewing teletext

This TV can display TV broadcasts and teletext on the same channel in two windows.

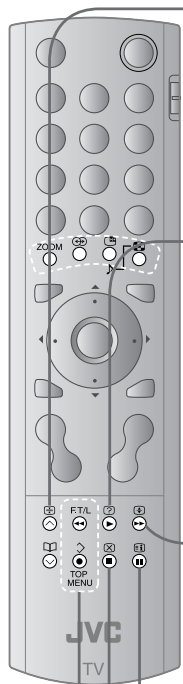


Bookmark your favourite page

LIST MODE



■ Recall your favourite page → Press the coloured button as in step 2



Hold the current page
HOLD

Hold the current page

■ Release → Press again

Reveal hidden pages
REVEAL

Display hidden information (answers to quizzes, etc)

$$\begin{array}{r} 1 + 2 = \\ 2 \times 3 = \end{array} \leftrightarrow \begin{array}{r} 1 + 2 = 3 \\ 2 \times 3 = 6 \end{array}$$

Enlarge the text
SIZE

Double the size of the displayed text

$$\begin{array}{|c|} \hline \text{TEXT} \\ \hline \text{SIZE} \\ \hline \end{array} \rightarrow \begin{array}{|c|} \hline \text{TEXT} \\ \hline \text{SIZE} \\ \hline \end{array}$$

To the index page
INDEX

Returns to page "100" or a previously designated page

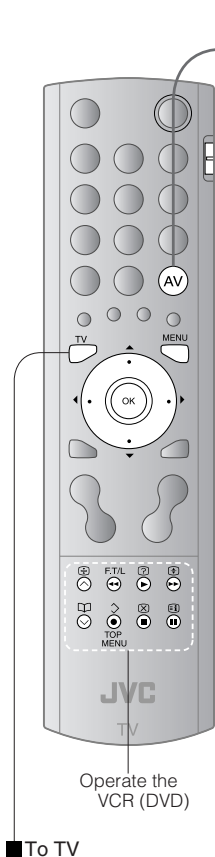
Switch briefly from teletext to TV
CANCEL

Leave the current page open, while you switch to watch TV

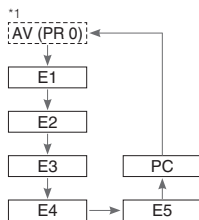
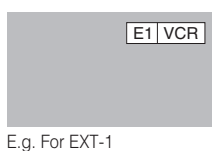
$$\begin{array}{|c|} \hline \text{P233} \\ \hline \text{TEXT ---} \\ \hline \text{TEXT ---} \\ \hline \end{array} \leftrightarrow \begin{array}{|c|} \hline \text{P233} \\ \hline \text{TV} \\ \hline \end{array}$$

● Useful when running a page search.

Watching videos / DVDs



1 Select the video source

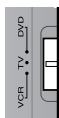


2 Operate the connected device and play a video

*1 : Only appears when AV has been registered as a channel.

Operate JVC VCRs and other devices

1



DVD players

VCRs and DVD recorders

2



Turn on the device

3



Select a channel (VCR mode)

F.T/L ? [Right Arrow] — Rewind / Playback / Fast-forward

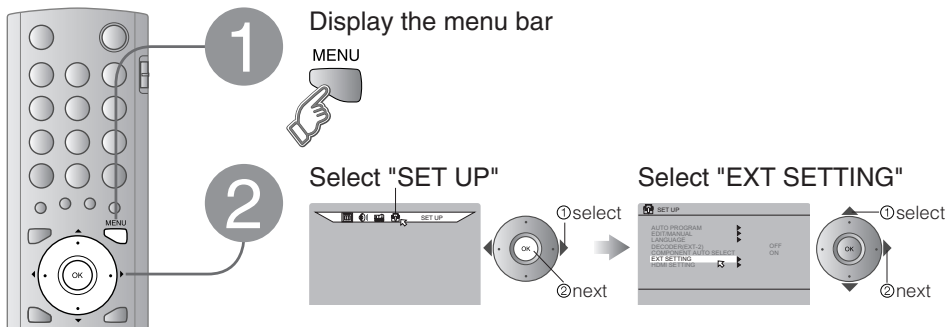
[Stop] [Pause] — Stop / Pause

TOP MENU — Record / Display DVD top menu

Select a chapter (DVD mode)

● Some models of JVC devices cannot be operated with this remote control.

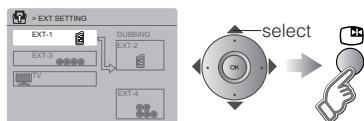
Advanced functions



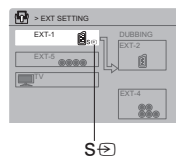
Switch to S-VIDEO input

S-IN

① Select the EXT connected to S-VIDEO



② Set the S-VIDEO mode



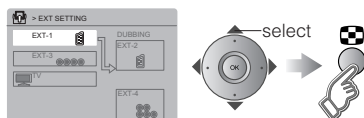
● The device selection display will change from E1 to S1.

■ Cancel this mode → Press in again

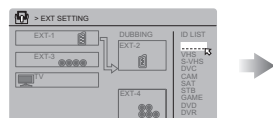
Edit names of connected devices

ID LIST

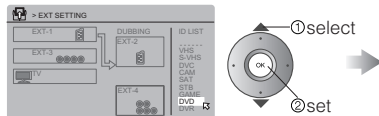
① Select an EXT to assign a name to



② Show the name list



③ Select a name from the list

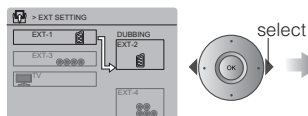


■ Clear the name → Select the blank space in ③

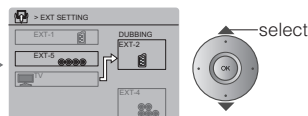
Set up dubbing on EXT-2

DUBBING

① Select the arrow



② Select the dubbing source



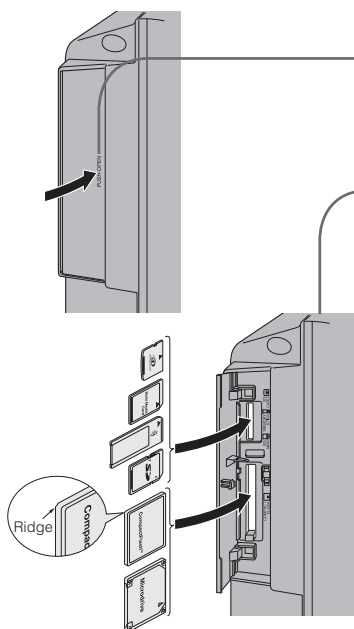
Using a media card

By inserting a media card into the TV, you can easily view photos taken with a digital camera or videos taken with a JVC digital media camera "Everio".

■ Readable Media Cards:

SD Memory Card, MultiMediaCard, Memory Stick (Memory Stick PRO is not supported), xD-Picture Card, CompactFlash and Microdrive Hard Disk for JVC digital media camera "Everio".

- Do not use any media card that is not specified. Otherwise, it may cause a malfunction.
- Please read the instruction in this chapter carefully. Improper handling may destroy the data on a card or cause other problems to the TV and the card. JVC will not be responsible for any problems due to improper handling.
- Operation can not be guaranteed if a card conversion adapter is used.



1

Open the door.

Push "PUSH-OPEN".

2

Insert the media card.

Follow the illustration exactly when inserting the card. When it cannot be inserted smoothly, do not force it but check the card direction again.

- The message will appear on the screen.

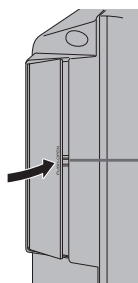
PLEASE CLOSE THE DOOR.

Operation Confirmed Cards

Microdrive Hard Disk (*1)	Hitachi	2GB, 4GB
SD Memory Card	Panasonic	128MB, 256MB, 512MB, 1GB
	LEXAR	128MB
CompactFlash	SanDisk	32MB, 64MB, 128MB, 256MB
	LEXAR	512MB, 1GB
xD-Picture Card	OLYMPUS	256MB
	Fujifilm	32MB, 64MB, 128MB
Memory Stick	SONY	64MB, 128MB

*1: Only Microdrive Hard Disk usable for JVC digital media camera "Everio" has been confirmed.

- Cards that are not listed above may not be operable or the data may be erased.
- The above operation confirmed cards are not fully guaranteed to work with this TV.
- Products and company names included in this instruction manual are trademarks and/or registered trademarks of their respective holders.



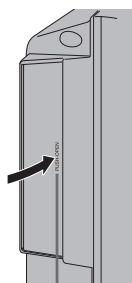
3

Close the door.

- MEDIA CARD VIEWER will start up.



- Recognition of the card can take significantly more time if the card contains a large number of files.
- When a message "NO MEDIA DETECTED" appears, insert the card again.



4

Operate MEDIA CARD VIEWER according to the explanation on page 25.

5

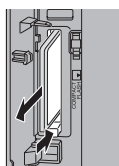
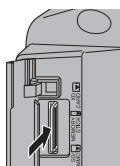
Stop MEDIA CARD VIEWER.



6

Open the door.

Push "PUSH-OPEN".

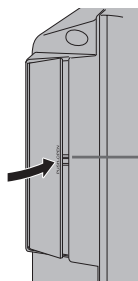


7

Remove the media card.

Caution

Do not remove the card before stopping "MEDIA CARD VIEWER". Otherwise, the TV may not operate properly or the data on the card may be destroyed.



8

Close the door.

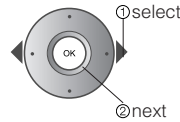
Using a media card

Never unplug the power cord when using Media Card Viewer, the data on the card may be erased. If Media Card Viewer is behaving strangely, remove the card and unplug the power cord, then plug it in again.

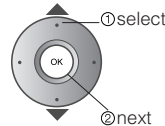
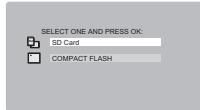


1

Select an item.



■ When two cards are inserted:
Select a card.



■ When no file can be read.

NO FILE IN THIS MODE

2

Stop MEDIA CARD VIEWER.



TV screen will resume.

■ To the previous screen



- Remove the media card. (Step 7 of P. 24)
- Start up MEDIA CARD VIEWER once again.
 - ➔ "MENU" ➔ " " ➔ "FEATURES"
 - ➔ "MEDIA CARD VIEWER" (P. 30)

Compatible File Formats

The file formats that are not listed below are not compatible with this TV. Even if they are listed below, they are not fully guaranteed to work correctly.

	File Formats	Standard	Codec	Size (pixels) / Rate	Extension
Photo	JPEG	Exif 2.0, JFIF, DCF 2.0	JPEG	160 x 120 to 2560 x 1920	JPG, jpg JPEG, jpeg
Video	MPEG-2-PS (*1)	SD-VIDEO	Video: MPEG-2-PS MP/ML Audio: Dolby Digital (*2)	720 x 576 / PAL, 352 x 288 / PAL, 720 x 480 / NTSC, 352 x 240 / NTSC	MOD, mod
	MPEG-4 (*3)	SD-VIDEO ASF	Video: MPEG-4 Simple profile Audio: G.726	352 x 288 / 30 frames, 240 x 176 / 15 frames, 160 x 120 / 5 frames	ASF, asf

*1: MPEG-2-PS files can only be read in slot for the Microdrive Hard Disk and CompactFlash.

Only MPEG-2-PS recorded by JVC digital media camera "Everio" can be played back.

*2: Audio must be Dolby Digital enable to playback the sound data.

*3: MPEG-4 files may not be detected or played back correctly.

● Manufactured under license from Dolby Laboratories. "Dolby", and the double-D symbol are trademarks of Dolby Laboratories.

View photos



Watch videos



Find files



How to use MEDIA CARD VIEWER

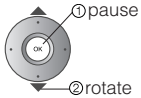
① Select a photo



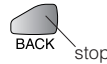
Photos are shown in the form of a slide show.

■ Rotate a photo

During slide show



- Photos are shown in alphabetical order of the file names.
- Screen size is automatically adjusted. (Zoom function is not available.)
- The slide-show interval cannot be changed.
- Rotated-photo's data cannot be saved (overwritten) to the card.



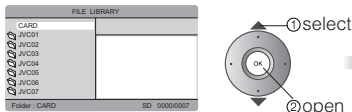
① Select a video



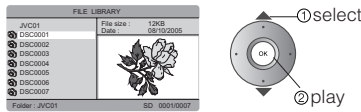
- Videos are played in alphabetical order of the file names.
- Screen size depends on the recorded picture size. (Zoom function is not available.)



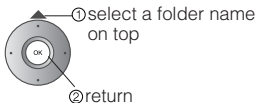
① Open a folder



② Play photos and videos



■ Return to previous folder



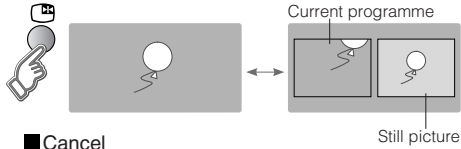
- Photos and videos are played in alphabetical order of the file names.
- Operations other than play/pause/stop can not be made.
- When different types of file format is placed under the same folder, files may not be played back correctly. Be sure to place the files into a separate folders for each format.

- Displaying interval of photos may vary depending on the size of the file.
- Noise may appear during the slideshow.
- When each file uses a different recording format, the screen is temporarily disturbed.
- Only the first 8 characters of the FOLDER or FILE name are displayed. Double-byte characters cannot be displayed.
- Folders and files are displayed in alphabetical order.
- The date will not be displayed when there is no information in the file.
- Motion JPEG is not compatible with this TV.
- Files edited or saved on your PC may not be played back correctly.

Useful functions

Take snapshots of the screen

FREEZE

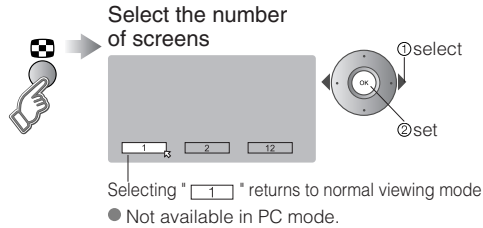


■ Cancel

- ➔ Press again, or change the channel
- Not available when the SUB-PICTURE is displayed, or when in PC mode.
- You cannot save or export the snapshot.

Watch in multi-picture mode

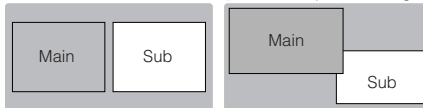
MULTI-PICTURE



■ Watch in dual-picture mode

E.g. You can watch TV and video at the same time.

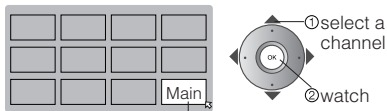
(For wide aspect ratio signals)



- Switch between the sound sources
➔
- Change the channel
➔ (Main)
➔ (Sub)

■ Select a channel in 12-screen mode

All registered channels are displayed as still images.





Only the selected frame has a moving picture.

- Move up or down a page ➔
- Not available for EXT-5 input.

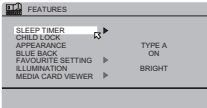


Set a time for the TV to turn itself off

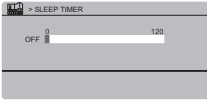
SLEEP TIMER

- 
- 

select "FEATURES"

next
- 

select "SLEEP TIMER"

next
- 

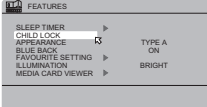
select a time in minutes

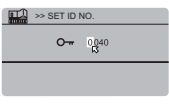
set

■ Cancel → Set the time to "0" in step 4

■ Remaining time → You can confirm the remaining time at step 4, after repeating this process.

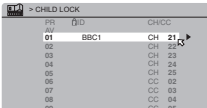
● After steps 1 and 2 above


- 

select "CHILD LOCK"
- 


enter an "ID NO." (a secret number of your choice)

to the next column



set
- 

select a channel to lock
- 

Lock more channels

Repeat steps 5 and 6
- 

■ Release a channel → Press  again in step 6

■ View a locked channel → Use the numerical buttons to enter the channel number. When  appears, press  and enter your "ID NO.". (If you forget your "ID NO.", check it in step 4.)

Stop children from watching specific channels

CHILD LOCK

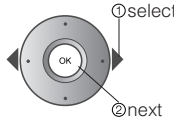
Customising your TV



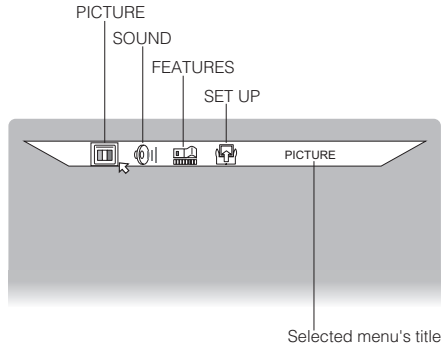
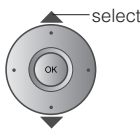
1 Display the menu bar



2 Select a menu



3 Select an item



■ To the previous screen

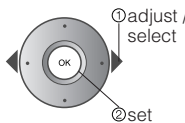


■ Exit MENU

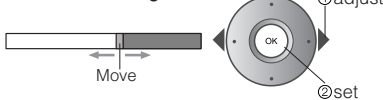


● The menu disappears after one minute of inactivity.

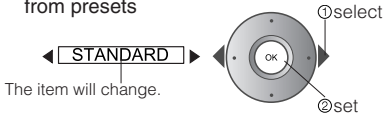
4 Adjust / Configure



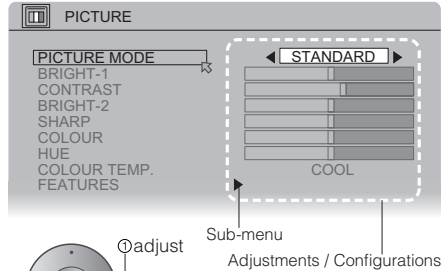
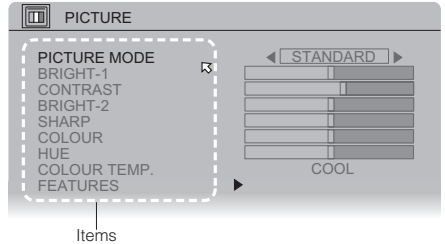
■ When adjusting with the sliding-bar







■ When selecting from presets



● Some items have a sub-menu.



Menu	Item	Adjustments / Configurations
 PICTURE	PICTURE MODE	Picture mode (BRIGHT / STANDARD / SOFT)
	BRIGHT-1	Backlight brightness (Darker ↔ Brighter)
	CONTRAST	Contrast (Lower ↔ Higher)
	BRIGHT-2	Brightness (Darker ↔ Brighter)
	SHARP	Sharpness (Softer ↔ Sharper)
	COLOUR	Colour (Lighter ↔ Deeper)
	HUE	Tint (Reddish ↔ Greenish)
	COLOUR TEMP.	Colour temperature (WARM / NORMAL / COOL)
 SOUND	FEATURES	Finer picture adjustments (P. 31)
	STEREO / I · II	Mode / Language (⊙ : STEREO / ○ : MONO / I : SUB1 / II : SUB2)
	BASS	Low tones (Weaker ↔ Stronger)
	TREBLE	High tones (Weaker ↔ Stronger)
	BALANCE	Speaker balance (Left Stronger ↔ Right Stronger)
	3D SOUND	Ambience level (HIGH / LOW / MONO / OFF)
	A.H.B.	Emphasize the bass sound (ON / OFF)
 FEATURES	BBE *1	Sound enhancement technology (ON / OFF)
	SLEEP TIMER	Timer for turning off the TV (P. 28)
	CHILD LOCK	Stops children from watching specific channels (P. 28)
	APPEARANCE	Format for displaying the channel number (TYPE A / TYPE B / TYPE C / TYPE D)
	BLUE BACK	Displays a blue screen and mute the sound when the signal is weak or absent (ON / OFF)
	FAVOURITE SETTING	Clear favourite channel settings (P. 17)
	ILLUMINATION	Lights illumination lamp (P.5) while the TV is on (BRIGHT / SOFT / OFF)
 SET UP	MEDIA CARD VIEWER	Display photos or videos recorded on the media card (P. 25) · If a card is not inserted, message "NO MEDIA DETECTED" will appear on the display.
	AUTO PROGRAM	Select a country, it automatically registers channels (P. 10, ③)
	EDIT / MANUAL	Change registered channels or add new ones (P. 11)
	LANGUAGE	Select a language for on-screen menus (P. 10, ②)
	DECODER(EXT-2)	For when connected to VCR with T-V LINK (ON / OFF)
	COMPONENT AUTO SELECT	Changes the TV input to EXT-4 when a component signal is input to EXT-4 (ON / OFF) (Not available when viewing PC)
	EXT SETTING	For use with video players and other devices (P. 22)
	HDMI SETTING	SIZE (AUTO / 1 / 2) AUDIO (AUTO / ANALOGUE / DIGITAL)

● Other settings : Change the aspect ratio ➔ "ZOOM" (P. 17)
· Turn on 3D SOUND ➔ "3D SOUND" (P. 17)

*1 BBE license ➔ (P. 36)

Advanced picture adjustment

By default, the TV automatically adjusts itself for the best picture.



1 Display the menu bar

MENU

2 Select "PICTURE"

3 Select "FEATURES"

4 Select an item

E.g. DIGITAL VNR

5 Change settings

E.g. DIGITAL VNR

6 Finish

■ To the previous screen



■ Exit



● The menu disappears after one minute of inactivity.

DIGITAL VNR

Super DigiPure

MOVIE THEATRE

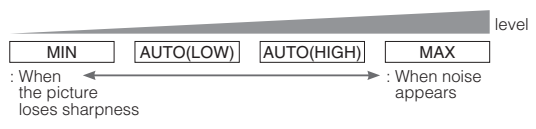
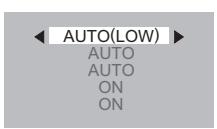
COLOUR MANAGEMENT

PICTURE MANAGEMENT

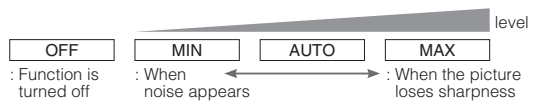
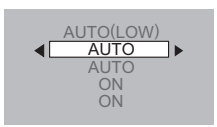
COLOUR SYSTEM

4:3 AUTO ASPECT

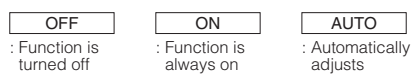
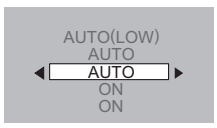
To reduce noise



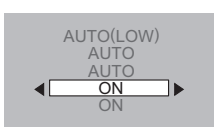
For natural-looking outlines



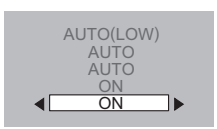
For smooth cinema film



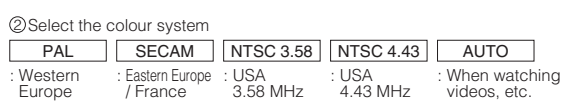
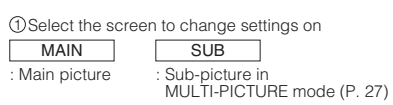
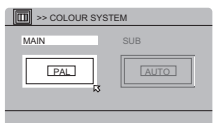
For natural-looking pictures



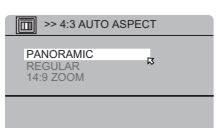
Fix bright / dark pictures



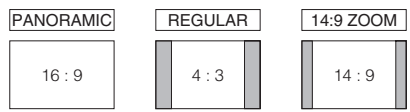
When there is no colour



Set a default aspect ratio



Select a default aspect ratio for AUTO in "ZOOM" (P.17)



Troubleshooting

Severe noise or snow



- Is the TV connected correctly to the aerial?
- Change the direction of the aerial.
- Is the aerial or its cable damaged?
 - ➔ Consult your retailer

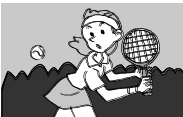
Patterns, stripes or noise



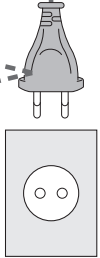
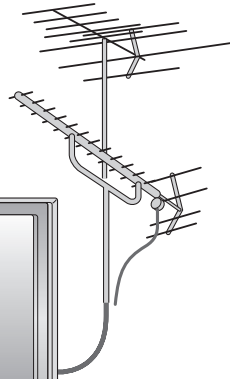
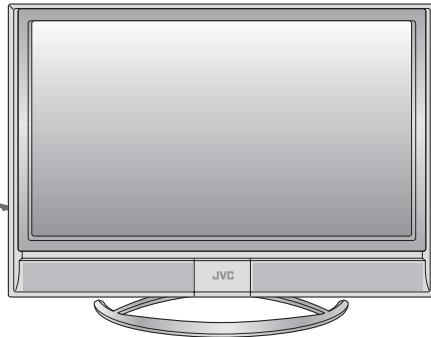
- Is the aerial receiving interference from high-voltage power lines or wireless transmitters?
 - ➔ Consult your retailer
- Are connected devices too close to the TV?
 - ➔ Insert the minimum distance between the aerial and the cause of interference until no interference

Ghosting

(Doubling of images)



- Are you receiving interference from signals reflected off mountains or buildings?
 - ➔ Adjust the direction of your aerial, or change to a good-quality directional aerial

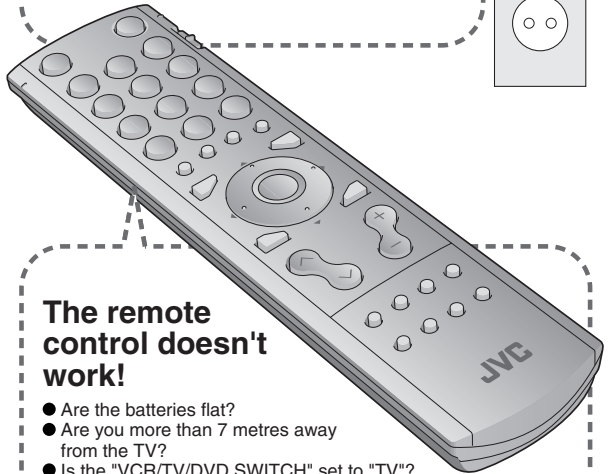



I can't turn it on!

- Is the power cord connected to the AC outlet correctly?

The remote control doesn't work!

- Are the batteries flat?
- Are you more than 7 metres away from the TV?
- Is the "VCR/TV/DVD SWITCH" set to "TV"?
- When viewing teletext, the TV menu bar does not appear.
- Depending on the stability of the signal, there may be a time lag when changing channels.



	Problem	Actions	page
Basics	Remote control stops working	<ul style="list-style-type: none"> When a media card is inserted into the TV, remove the card first. Then, unplug TV, several minutes later plug it in again. 	—
	Aspect ratio changes unintentionally	<ul style="list-style-type: none"> Press ZOOM  to return to your settings. 	17
Screen	Black or white dots appear on the screen	<ul style="list-style-type: none"> LCD panels use fine dots ("pixels") to display images. While more than 99.99% of these pixels function properly, a very small number of pixels may not light, or may light all the time. Please understand that this is not a malfunction. 	—
	Poor picture quality	<ul style="list-style-type: none"> Unnatural colour >>> Adjust COLOUR and BRIGHT-1. Check your COLOUR SYSTEM. 30 32 Noise >>> Set to the following functions. 30 31 31 <ul style="list-style-type: none"> PICTURE MODE : STANDARD DIGITAL VNR : AUTO (HIGH) Super DigiPure : MIN Dull picture >>> Set to the following functions. 30 31 31 <ul style="list-style-type: none"> PICTURE MODE : BRIGHT DIGITAL VNR : MIN Super DigiPure : MAX 	
Picture	Strange picture when using an external device	<ul style="list-style-type: none"> If you connected S-Video output device, check the "S-IN" setting. 22 If the top of the image is distorted, check the video signal quality itself. — If movement appears unnatural when receiving a signal from a DVD player, etc. with 625p (progressive-scanning), change the output setting of the external device to 625i (interlace-scanning). — 	

Troubleshooting (continued)

Problem		Actions	page
Sound	Poor sound	<ul style="list-style-type: none"> ● Adjust the BASS and TREBLE. ● If receiving a poor signal in "STEREO / I · II", switch to MONO. ● Adjust the channel reception using "MANUAL". 	30 30 11
	Wrong screen size	<ul style="list-style-type: none"> ● Switch SIZE in HDMI SETTING to "1" or "2". 	30
HDMI	No sound	<ul style="list-style-type: none"> ● Switch AUDIO in HDMI SETTING to ANALOGUE or DIGITAL. 	30
	Green and distorted screen	<ul style="list-style-type: none"> ● Wait a little for the signal to stabilize when switching the signal format for an HDMI device. 	—
Functions	Some functions do not work	<ul style="list-style-type: none"> ● It is not a malfunction. Some functions (dark background) in the menu do not work depending on the situation. 	—
	Some inputs cannot be selected in the sub-picture	<ul style="list-style-type: none"> ● EXT-4, EXT-5 inputs and PC mode cannot be selected in the sub-picture. 	—
Display	"FEATURE NOT AVAILABLE" appears	<ul style="list-style-type: none"> ● Is the T-V LINK compatible device connected to EXT-2? ● Is the SCART CABLE "Fully Wired"? ● Is the T-V LINK compatible device turned on? <p>After confirming all the conditions above, press "OK" button again.</p>	36 36 —
	"ACI ERROR" appears	<ul style="list-style-type: none"> ● Press ◀ to start ACI again. <p>If you still receive the "ACI ERROR" after numerous tries, press ▶ to cancel ACI.</p>	—

Technical information

What is T-V LINK?

T-V LINK allows the TV to share information easily with a connected T-V LINK compatible device. By using T-V LINK :

- You can send the channel information programmed on the TV to the T-V LINK compatible device, so that both the TV and the external device have the same channel settings. When connecting a new external device, channel information is loaded into it, allowing channel setup to be completed very quickly. For more details, refer to the external device's manual.
- You can easily record the TV programme you are viewing on a T-V LINK compatible device by using the "DIRECT REC" feature. For more details, refer to the external device's manual.

What is ACI (Automatic Channel Installation)?

Some cable companies transmit a signal called ACI which contains information that allows TV channels to be registered automatically on your TV. When an ACI signal is received, "ACI START / ACI SKIP" appears in the "AUTO PROGRAM" screen.

Receivable broadcast systems

Depending on the country selected during "AUTO PROGRAM", the receivable broadcast system differs.

- UNITED KINGDOM: Receive only PAL-I.
- FRANCE: Can receive SECAM-L.

To receive SECAM-L in countries other than France:

- 1) Change the "COUNTRY" to "FRANCE" in "AUTO PROGRAM".
- 2) Press the "BACK" button to return to the menu and enter the channel using "INSERT" or "MANUAL".

PC Signals that can be displayed

Macintosh computers are not supported. (Macintosh is a registered trademark of Apple Computer, Inc.)

- If the signal doesn't appear, check that the vertical frequency on the PC is set to 60Hz.

Resolution	640 x 480 (VGA)	1024 x 768 (XGA)
Vertical frequency (Hz)	60.0	60.0
Horizontal frequency (kHz)	31.5	42.0

Connect DVI devices

Connect a DVI device to EXT-5 (HDMI) using DVI-HDMI conversion cable. Connect analogue sound output of the DVI device to L and R terminals in EXT-4.

- Set AUDIO in HDMI SETTING to Analogue or AUTO ➔ (P. 30)

Licence

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CH/CC List

To use the INSERT function (P. 11), find the CH/CC number corresponding to the TV's Channel number from this table.

● When the COUNTRY setting is "FRANCE", select a three-digit CH/CC number.

CH	Channel
CH 02/CH 202	E2, R1
CH 03/CH 203	E3, ITALY A
CH 04/CH 204	E4, ITALY B, R2
CH 05/CH 205	E5, ITALY D, R6
CH 06/CH 206	E6, ITALY E, R7
CH 07/CH 207	E7, ITALY F, R8
CH 08/CH 208	E8, R9
CH 09/CH 209	E9, ITALY G
CH 10/CH 210	E10, ITALY H, R10
CH 11/CH 211	E11, ITALY H+1, R11
CH 12/CH 212	E12, ITALY H+2, R12
CH 21/CH 221	E21, R21
CH 22/CH 222	E22, R22
CH 23/CH 223	E23, R23
CH 24/CH 224	E24, R24
CH 25/CH 225	E25, R25
CH 26/CH 226	E26, R26
CH 27/CH 227	E27, R27
CH 28/CH 228	E28, R28
CH 29/CH 229	E29, R29
CH 30/CH 230	E30, R30
CH 31/CH 231	E31, R31
CH 32/CH 232	E32, R32
CH 33/CH 233	E33, R33
CH 34/CH 234	E34, R34
CH 35/CH 235	E35, R35
CH 36/CH 236	E36, R36
CH 37/CH 237	E37, R37
CH 38/CH 238	E38, R38
CH 39/CH 239	E39, R39

CH	Channel
CH 40/CH 240	E40, R40
CH 41/CH 241	E41, R41
CH 42/CH 242	E42, R42
CH 43/CH 243	E43, R43
CH 44/CH 244	E44, R44
CH 45/CH 245	E45, R45
CH 46/CH 246	E46, R46
CH 47/CH 247	E47, R47
CH 48/CH 248	E48, R48
CH 49/CH 249	E49, R49
CH 50/CH 250	E50, R50
CH 51/CH 251	E51, R51
CH 52/CH 252	E52, R52
CH 53/CH 253	E53, R53
CH 54/CH 254	E54, R54
CH 55/CH 255	E55, R55
CH 56/CH 256	E56, R56
CH 57/CH 257	E57, R57
CH 58/CH 258	E58, R58
CH 59/CH 259	E59, R59
CH 60/CH 260	E60, R60
CH 61/CH 261	E61, R61
CH 62/CH 262	E62, R62
CH 63/CH 263	E63, R63
CH 64/CH 264	E64, R64
CH 65/CH 265	E65, R65
CH 66/CH 266	E66, R66
CH 67/CH 267	E67, R67
CH 68/CH 268	E68, R68
CH 69/CH 269	E69, R69

CC	Channel
CC 01/CC 201	S1
CC 02/CC 202	S2
CC 03/CC 203	S3
CC 04/CC 204	S4
CC 05/CC 205	S5
CC 06/CC 206	S6
CC 07/CC 207	S7
CC 08/CC 208	S8
CC 09/CC 209	S9
CC 10/CC 210	S10
CC 11/CC 211	S11
CC 12/CC 212	S12
CC 13/CC 213	S13
CC 14/CC 214	S14
CC 15/CC 215	S15
CC 16/CC 216	S16
CC 17/CC 217	S17
CC 18/CC 218	S18
CC 19/CC 219	S19
CC 20/CC 220	S20
CC 21/CC 221	S21
CC 22/CC 222	S22
CC 23/CC 223	S23
CC 24/CC 224	S24
CC 25/CC 225	S25
CC 26/CC 226	S26
CC 27/CC 227	S27
CC 28/CC 228	S28
CC 29/CC 229	S29
CC 30/CC 230	S30

CC	Channel
CC 31/CC 231	S31
CC 32/CC 232	S32
CC 33/CC 233	S33
CC 34/CC 234	S34
CC 35/CC 235	S35
CC 36/CC 236	S36
CC 37/CC 237	S37
CC 38/CC 238	S36
CC 39/CC 239	S39
CC 40/CC 240	S40
CC 41/CC 241	S41
CC 75/CC 275	X
CC 76/CC 276	Y, R3
CC 77/CC 277	Z, ITALY C, R4
CC 78/CC 278	Z+1, R5
CC 79/CC 279	Z+2

CH	Channel
CH 102	F2
CH 103	F3
CH 104	F4
CH 105	F5
CH 106	F6
CH 107	F7
CH 108	F8
CH 109	F9
CH 110	F10
CH 121	F21
CH 122	F22
CH 123	F23
CH 124	F24
CH 125	F25
CH 126	F26
CH 127	F27
CH 128	F28
CH 129	F29
CH 130	F30
CH 131	F31
CH 132	F32
CH 133	F33
CH 134	F34
CH 135	F35
CH 136	F36
CH 137	F37
CH 138	F38
CH 139	F39
CH 140	F40

CH	Channel
CH 141	F41
CH 142	F42
CH 143	F43
CH 144	F44
CH 145	F45
CH 146	F46
CH 147	F47
CH 148	F48
CH 149	F49
CH 150	F50
CH 151	F51
CH 152	F52
CH 153	F53
CH 154	F54
CH 155	F55
CH 156	F56
CH 157	F57
CH 158	F58
CH 159	F59
CH 160	F60
CH 161	F61
CH 162	F62
CH 163	F63
CH 164	F64
CH 165	F65
CH 166	F66
CH 167	F67
CH 168	F68
CH 169	F69

CC	Frequency (MHz)
CC 110	116-124
CC 111	124-132
CC 112	132-140
CC 113	140-148
CC 114	148-156
CC 115	156-164
CC 116	164-172
CC 123	220-228
CC 124	228-236
CC 125	236-244
CC 126	244-252
CC 127	252-260
CC 128	260-268
CC 129	268-276
CC 130	276-284
CC 131	284-292
CC 132	292-300
CC 133	300-306
CC 141	306-311
CC 142	311-319
CC 143	319-327
CC 144	327-335
CC 145	335-343
CC 146	343-351
CC 147	351-359
CC 148	359-367
CC 149	367-375
CC 150	375-383
CC 151	383-391

CC	Frequency (MHz)
CC 152	391-399
CC 153	399-407
CC 154	407-415
CC 155	415-423
CC 156	423-431
CC 157	431-439
CC 158	439-447
CC 159	447-455
CC 160	455-463
CC 161	463-469

Specifications

Main unit

Model	LT-37M60BU/LT-37M60ZU
Broadcasting systems	CCIR I / B / G / D / K / L (See "Technical information", P. 36)
Colour systems	TV broadcast : PAL, SECAM External input : PAL, SECAM, NTSC 3.58/4.43 MHz
Channels and frequencies	E2-E12 / E21-E69, F2-F10 / F21-F69, IR A-IR J, ITALY A-H / H+1 / H+2, R1-R12 / R21-R69, S1-S41, X / Y / Z / Z+1 / Z+2, French cable channels (Frequency : 116-172 MHz / 220-469 MHz)
Sound-multiplex systems	NICAM (I / B / G / D / K / L), A2 (B / G / D / K)
Teletext systems	FLOF (Fastext), TOP, WST (standard system)
Power requirements	AC 110 V - 240 V, 50/60 Hz
Audio output (Rated power output)	10 W + 10 W
Speakers	6.6 cm round x 2
Power consumption [standby]	173 W [2.6 W]
Screen size (visible area size measured diagonally)	94 cm
Dimensions (W x H x D: mm) [without stand]	926 x 689.5 x 297 [926 x 631.5 x 108.5]
Weights [without stand]	26.2 kg [20.7 kg]
Accessories	(See "Check accessories", P. 5)

Terminals / Connectors / Slots

Terminal name	Terminal type	Signal type (IN)	Signal type (OUT)	Notes
Input / Output terminals	EXT-1	Euroconnector x1 (SCART connector)	Composite video, S-video, Analog RGB AUDIO L / R	TV out
	EXT-2	Euroconnector x1 (SCART connector)	Composite video, S-video, Analog RGB AUDIO L / R	Dubbing out T-V LINK compatible
Input terminals	EXT-3	RCA connectors x 3, S-VIDEO connector x 1	Composite video, S-video AUDIO L / R	
	EXT-4	RCA connectors x 5	Analogue component (576i (625i) / 480i (525i), Progressive : 576p (625p) / 480p (525p), HD : 1080i (1125i), 720p (750p)) AUDIO L / R	
	EXT-5	HDMI connector x 1	HDMI (576i (625i) / 480i (525i) / 576p (625p) / 480p (525p), 1080i (1125i), 720p (750p))	
	PC INPUT	D-SUB (15 pins) x 1	Analogue PC signal (P. 36)	
Output terminals	AUDIO OUT	RCA connectors x 2		Audio L / R
	Headphone	Stereo mini-jack x 1 (3.5 mm in diameter)		Headphone output
Media Card Slots	Slot (Small) Slot (Large)	(See "Using a Media card", P. 23-26)		

● We may change the design and specifications without notice.

JVC