

JVC

ENGLISH
中文

LT-42GZ78 LT-47GZ78

WIDE LCD PANEL TV INSTRUCTIONS

JVC



DynaPiX **HD**
Powered by D.L.S.T.

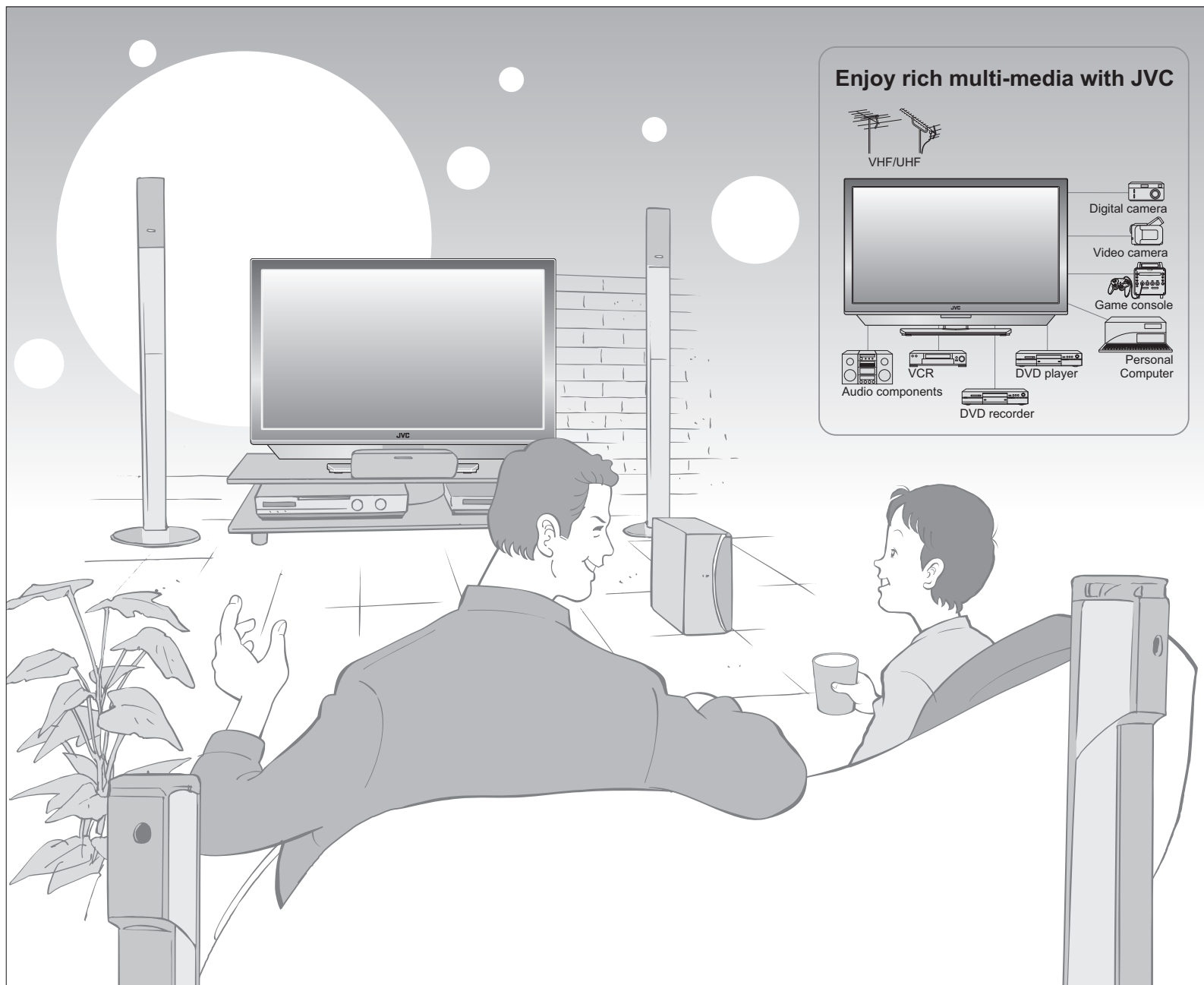
HDMITM
HIGH-DEFINITION MULTIMEDIA INTERFACE

MAXX[®]
Audio

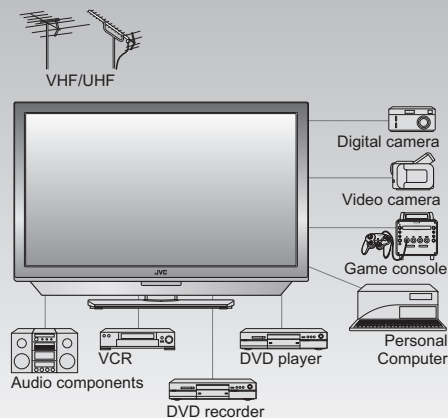
100Hz/120Hz
Clear Motion
Drive II



Expanding the world of beautiful images



Enjoy rich multi-media with JVC



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Warning

Please follow all the guidelines below

Follow this manual regarding setup!

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

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.

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 place anything on the TV!

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



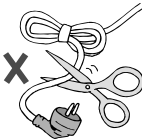
Make enough room for inserting and removing the power plug!

Place the TV as close to the outlet as possible!

- The main power supply for this TV is controlled by inserting or removing the power plug.

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. 37), unplug the power cord and contact your retailer.

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

- ➔ Unplug the power cord and contact your retailer.

Never expose to rain or moisture!

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



Never insert objects into the cabinet openings!

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

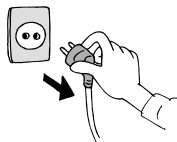


Never listen to headphones at high volume!

- It may damage your hearing.

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 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.

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!

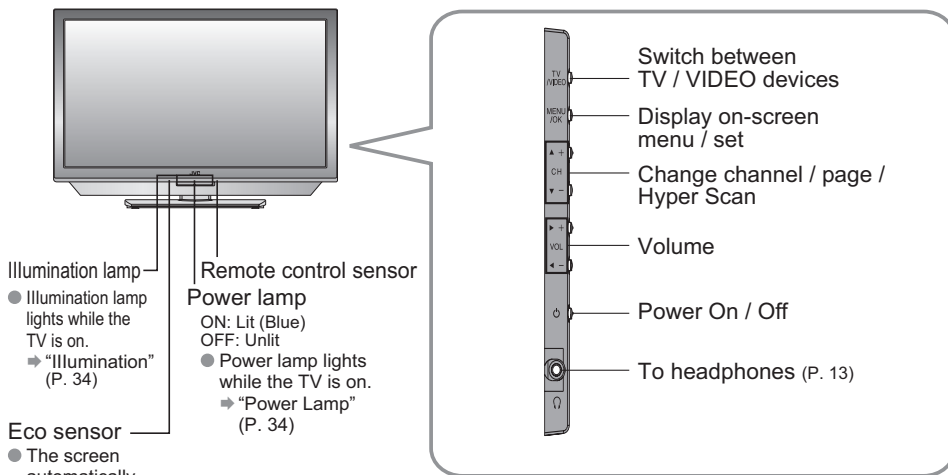
- In order to prevent accidents, ensure that the TV is carried by two or more people.



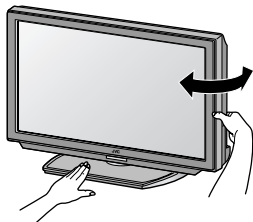
■ For more details on installation, usage and safety ➔ Consult your retailer

Names of all the parts

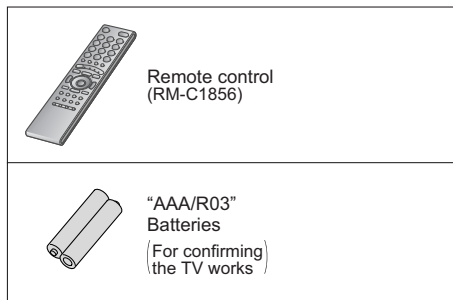
ENGLISH



Change the direction of TV

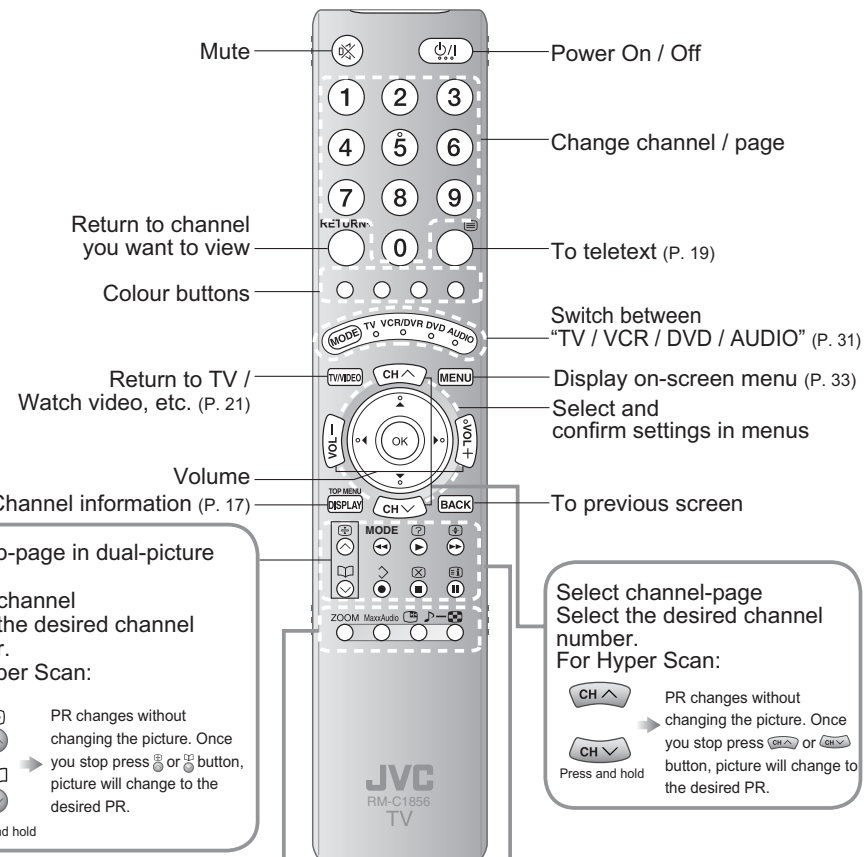
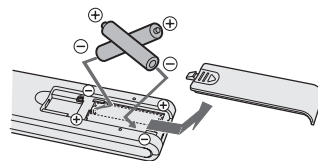


Check accessories



Insert the batteries

Use two "AAA/R03" dry cell batteries. Insert the batteries from the ⊖ end, making sure the ⊕ and ⊖ polarities are correct.



For Sub-page in dual-picture mode:
Select channel
Select the desired channel number.
For Hyper Scan:

- PR changes without changing the picture. Once you stop press or , picture will change to the desired PR.
- Press and hold

Select channel-page
Select the desired channel number.
For Hyper Scan:

- PR changes without changing the picture. Once you stop press or , picture will change to the desired PR.
- Press and hold

■ **When watching TV / Video**
Change the aspect ratio (P. 17)
Turn on "MaxxAudio" (P. 29)

ZOOM MaxxAudio

Take a snapshot of the screen (P. 23)
View in multi-picture mode (P. 23)

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

Bookmark pages
Reveal hidden pages
Enlarge the text

MODE

Switch briefly between teletext and TV
To index page

ENGLISH

IMPORTANT!

PREPARE

USE

SETTINGS

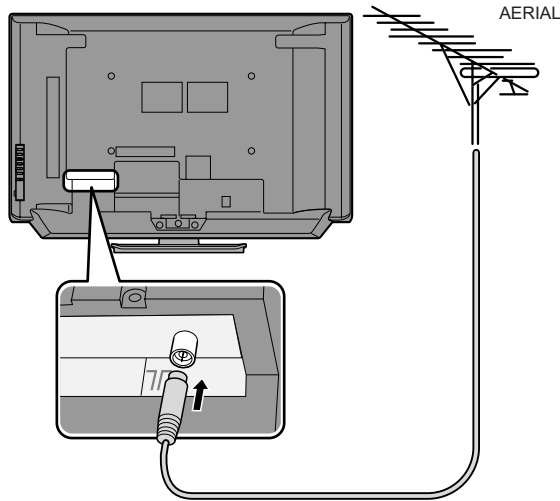
TROUBLE?

Basic connections

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

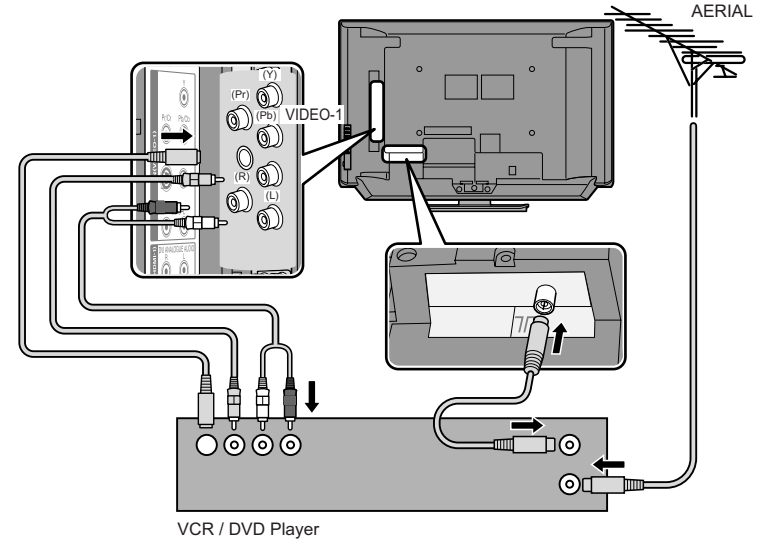
■ Connect with other devices → "Connecting external devices" (P. 13)

Connect the aerial



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

Connect a VCR / DVD Player



- After all the connections have been made, insert the plug into an AC outlet.
- If both composite and S-VIDEO cables are connected, S-VIDEO will be enable.

Care when setting

■ Power requirements

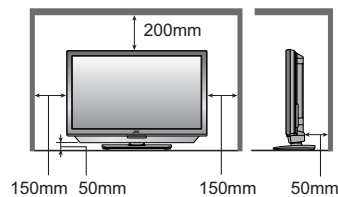
- Connect the power cord only to a 110-240V, 50/60Hz AC outlet.

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

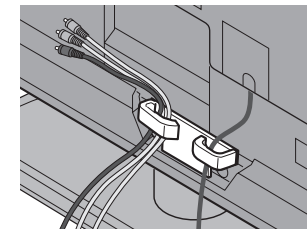
- Consult a qualified technician.
- See the included manual on mounting procedures.
- JVC assumes no responsibility for damage due to improper mounting.
- 200mm × 200mm mount which conforms to VESA standards.

■ Installation requirements

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



Tidying the cables



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).

1 Begin

→

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

2 Select a language

① select
② set

3 Select the teletext language group

select

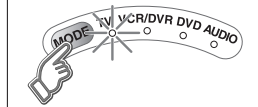
4 Automatically register channels

→

5 Check what was registered

6 Confirm

■ The remote control doesn't work



- Confirm the mode is set to "TV".

- For the teletext language group
 - ➔ "Language group for teletext" (P. 40)
- If the characters are unreadable.
 - ➔ "Language group for teletext" (P. 40)

■ To the previous screen → **BACK**

■ Exit → **MENU**

■ If the "JVC" logo does not appear or if you wish to make changes later
 ➔ "Language", "Teletext language" and "Auto Program" (P. 34)

■ Edit channels
 ➔ 4 in "Editing channels" (P. 11)

Editing channels

Edit the channels registered with "Auto Program" in "Initial settings" (P. 9).

ENGLISH



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

- ① Display the menu bar
- ② Select "Set Up"
- ③ Select "Edit / Manual"
- ④ Select a row
- ⑤ Edit
- ⑥ Finish

■ To the previous screen
 → **BACK**

■ Exit
 → **MENU**

Move a channel's position

MOVE

Edit a channel name

ID

Insert a channel

INSERT

Delete a channel

DELETE

Register a new channel

MANUAL

① Begin

move out

② Select a destination

PR	ID	CH/CC
01		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

select

③ Finish

move in

① Begin

② Enter a channel name

PR	ID	CH/CC
01		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

① enter the first character

② next column

set

① Begin

② Select a "CH / CC"

PR	ID	CH/CC
01		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

select

③ Enter a number

PR	ID	CH/CC
01		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

● Receives the broadcast signal.

● "CH/CC" List → (P. 43)

① Delete

PR	ID	CH/CC
01		CH 21
02		CH 23
03		CH 24
04		CH 25
05		CC 02
06		CC 03
07		CC 04

① Begin

② Beginning channel search

From high frequencies (red) or From low frequencies (green)

PR	ID	CH/CC
10		CC 06
11		CH 08 (B/C)
12	
13	
14	
15	
16	
17	

● Auto-search begins, and the nearest frequency is imported.
 → Repeat the previous steps until the desired channel is displayed

Adjust

PR	ID	CH/CC
10		CC 06
11		CH 08 (I)
12	
13	
14	
15	
16	

● Channel fine tuning → (yellow) / (blue)

● If the picture or sound is unnatural → select a system

③ Set

PR	ID	CH/CC
10		CC 06
11		CH 08 (I)
12	
13	
14	
15	
16	
17	

ENGLISH

IMPORTANT!

PREPARE

USE

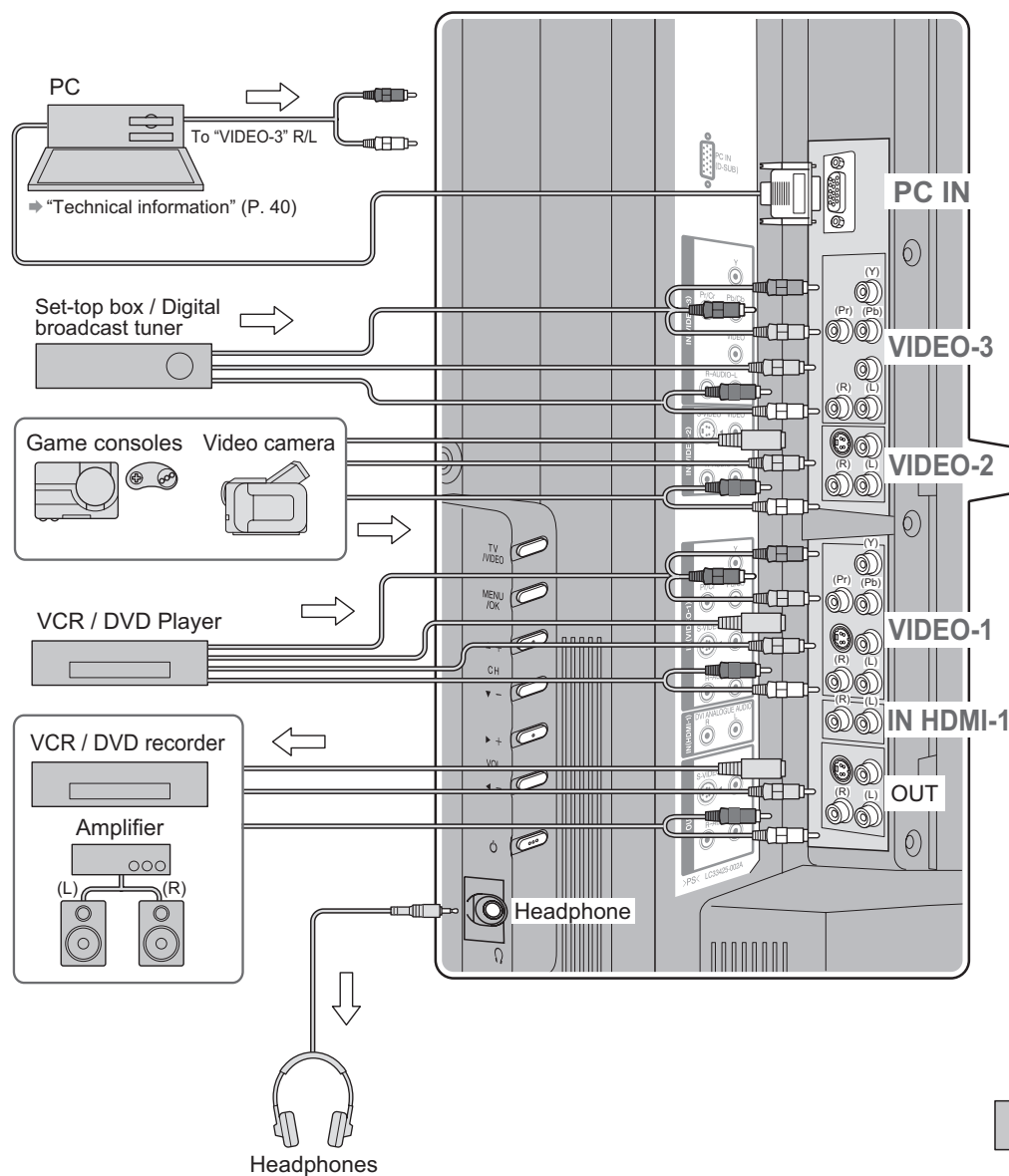
SETTINGS

TROUBLE?

Connecting external devices

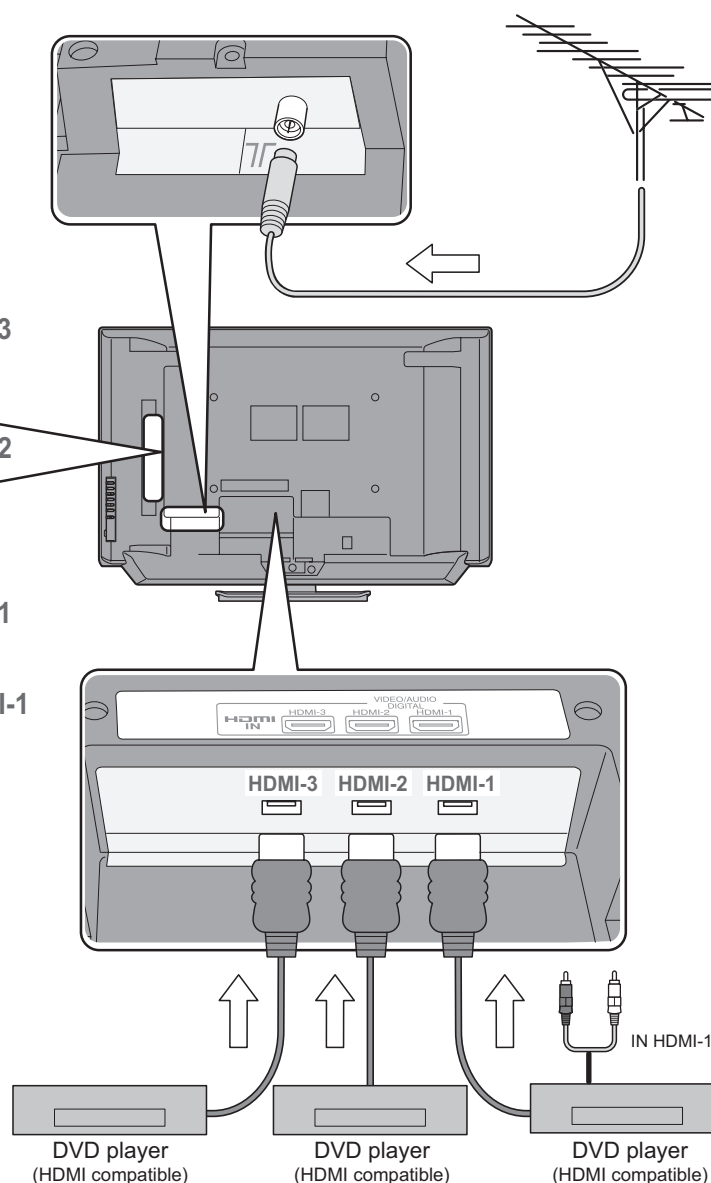
You can connect many different devices to the rear panel of the TV.
Please read the user manuals of each device before setup.
(Connecting cables are not supplied with this TV.)

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VCR / DVD / other devices

⇒ : signal direction



VIDEO-1 Watching videos

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

- Use Component signal
⇒ "Switch between video and component signal" (P. 22)
- Use S-VIDEO
⇒ "Using S-VIDEO" (P. 22)

VIDEO-2 Watching videos

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

- Use S-VIDEO
⇒ "Using S-VIDEO" (P. 22)

VIDEO-3 Watching DVDs

Output ↑	Input ↓
	· Composite signal / Component signal · Sound L / R

- Use Component signal
⇒ "Switch between video and component signal" (P. 22)

HDMI-1 HDMI-2 HDMI-3 Connecting HDMI devices

Output ↑	Input ↓
	· HDMI signal (P. 40)

- "HDMI Setting" ⇒ (P. 34)
- HDMI-2 and HDMI-3 input does not support analogue sound.
- Use HDMI CEC
⇒ "What is "HDMI CEC"?" (P. 41)

OUT

Video and sound signal of a TV channel you are viewing outputs from this terminal

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

- "Using OUT terminal" ⇒ (P. 22)

■ Connect a "DVI" device to "HDMI-1" ⇒ (P. 40)

ENGLISH

IMPORTANT!

PREPARE

USE

SETTINGS

TROUBLE?

Enjoying your new TV!

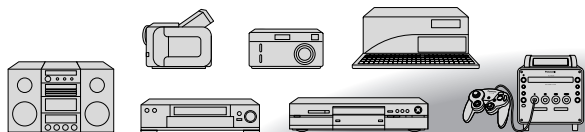
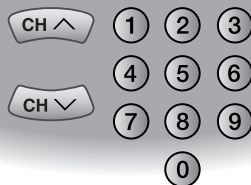
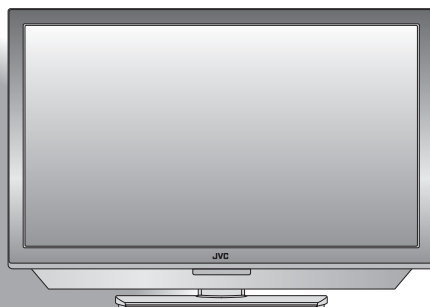
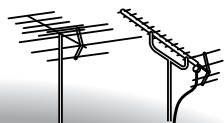
ENGLISH

ENGLISH

Watching TV

PAGE
17

- View channel information
- Change the aspect ratio
- Register your favourite channels

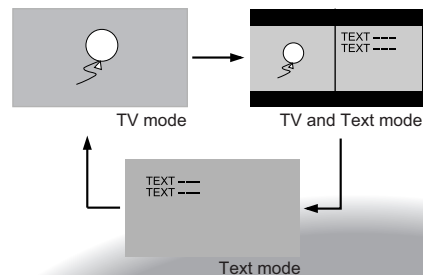


Watching videos / DVDs

PAGE
21

- Watch high quality video (S-VIDEO)
- Switch between video and component signal
- PC position adjustment

TV/VIDEO



Viewing teletext

PAGE
19

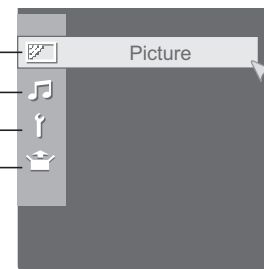
- Enlarge the text
- To the index page
- Hold the current page
- Switch briefly between teletext and TV
- Bookmark your favourite pages
- Reveal hidden pages

MENU

Customising your TV

PAGE
33

- Adjust the picture
- Adjust the sound
- Advanced settings (timer / channel guard, etc.)
- Basic settings (channel settings, etc.)



IMPORTANT!

PREPARE

USE

SETTINGS

TROUBLE?

Watching TV

ENGLISH

1 Set to "TV"
MODE TV VCR/DVR DVD AUDIO

2 Power on
The blue power lamp on the TV lights
● Press again to turn the screen off and put the TV into standby mode.

3 Select a channel
E.g.
1: 0 → 1
15: 1 → 5
● Move up or down a channel
CH ^ up
CH v down
■ Switch between mono / stereo / bilingual broadcasting
→ "Stereo / I-II" (P. 34)

Note
● To completely turn off the TV, unplug the AC plug.

■ Mute

■ Volume

Basic operations using the side buttons

1 Power on

2 Change the channel

■ Volume

Channel information

DISPLAY

TOP MENU DISPLAY → PR List → Channel information

● Channels registered in "Initial settings" will appear here.

(No indication)

■ Select a page → select

■ Select and view a channel → ① select, ② view

Change the aspect ratio

ZOOM

ZOOM → Zoom menu → ① select, ② set → 16:9 Zoom

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

- Using "Auto" → "Auto in "Zoom"" (P. 41)
- When 720p (750p) or 1080i (1125i) or 1080p (1125p) signal is received, the signal will be displayed as "Full or Full Native". The zoom menu will not be displayed.
- In PC mode, "Regular" or "Full" can be selected.

Always return to the channel you want to view

RETURN PLUS

■ Registered as return channel
While the channel is displayed → RETURN+ (Hold down for 3 seconds) → Return Plus Programmed!

■ Cancel
While the channel is displayed → RETURN+ (Hold down for 3 seconds) → Return Plus Canceled!

■ Recall the return channel → RETURN+

Return to the last channel you were viewing

RETURN

RETURN+ → Current channel (23) ↔ Last channel (24)

ENGLISH

IMPORTANT!

PREPARE

USE

SETTINGS

TROUBLE?

Viewing teletext

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

ENGLISH

1 Hold the current page

2 Enter a teletext page

1 2 3
4 5 6
7 8 9
0

■ Move up or down a page
CH ^ up
CH v down

■ View sub-pages
to sub-page

When watching TV

TV TEXT

TEXT TEXT

TEXT TEXT

01 02

01 02

Bookmark your favourite page

LIST MODE

1 Display your favourites list
MODE

?? ? ? ? ? ? ?
(RED) (GREEN) (YELLOW) (BLUE)

2 Select a coloured button to save your page to
(red) (green) (yellow) (blue)

?? ? ? ? ? ? ?

3 Enter the number of the page to save

?? ? 124 ? ? ? ? ? ?
1 2 3
4 5 6
7 8 9
0

4 Save

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

Hold the current page
HOLD

■ Release → Press "OK" again

Reveal hidden pages
REVEAL

Display hidden information (answers to quizzes, etc.)

$1 + 2 =$ $1 + 2 = 3$
 $2 \times 3 =$ $2 \times 3 = 6$

Enlarge the text
SIZE

Double the size of the displayed text

TEXT SIZE

TEXT SIZE

TEXT SIZE

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

P233
TEXT ---
TEXT ---

P233

● Useful when running a page search.

ENGLISH

IMPORTANT!

PREPARE

USE

SETTINGS

TROUBLE?

Watching videos / DVDs

ENGLISH

1 Select the video source

2 Operate the connected device and play a video

■ Operate JVC recorders and other devices (P. 31)

Select the video source using the side buttons

- 1** TV/VIDEO Select the video source by move down.
- 2** CHANNEL +/- Select the video source or MENU/OK
- 3** MENU/OK

Note : TV/VIDEO button select the video source by move down.

Switch between video and component signal

1 Display the menu bar

2 Select "Set Up"

3 Select "Video-1 Setting" or "Video-3 Setting"

4 Change settings

Video : For normal video signal
Component : For component video signal

Using S-VIDEO

- If both composite and S-VIDEO cables are connected, S-VIDEO will be enable.

Using OUT terminal

- Component and PC signals does not output from this terminal.
- When you are viewing video signal, no signal will output through the S-VIDEO terminal.
- HDMI-1, HDMI-2 and HDMI-3 inputs does not output from this terminal.

PC position adjustment

1 Display the menu bar

2 Select "Set Up" and "PC Position"

3 Adjust and set PC position

● Shown only when "PC" is selected.

● Reset position → (blue)

ENGLISH

IMPORTANT!

PREPARE

USE

SETTINGS

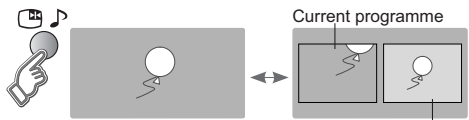
TROUBLE?

Useful functions

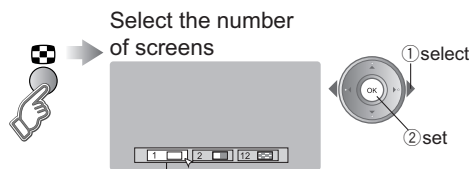
ENGLISH

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.



- Selecting “1” returns to normal viewing mode
- Not available in PC mode.

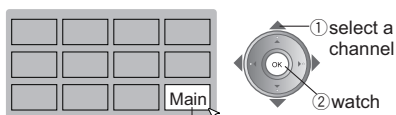
- **Watch in dual-picture mode**
E.g. You can watch TV and video at the same time.

(For wide aspect ratio signals)

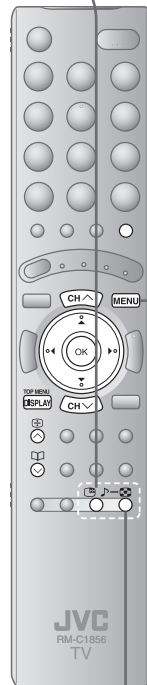


- Switch between the sound sources
 - ➔
- Change the channel
 - ➔ (Main)
 - ➔ (Sub)

- **Select a channel in 12-screen mode**
All registered channels are displayed as still images.



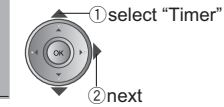
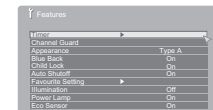
- Only the selected frame has a moving picture.
- Move up or down a page ➔
- Not available for HDMI-1, HDMI-2 or HDMI-3 input.



Set a time for the TV to turn itself on

ON TIMER

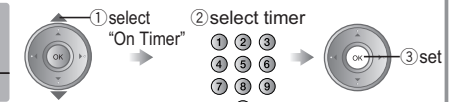
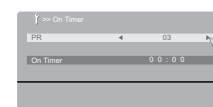
- 1 Display “Features” menu
➔ “Customising your TV” (P. 33)



- 2
- 3



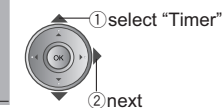
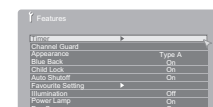
- 4
- 5



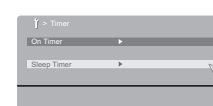
- Choose the PR (channel) that you want to watch when the TV turns on. External input and AV position can not be chosen for PR.
- Set the On Timer to your desired period of time by press the number button. When the On Timer is set to other than 00:00, the On Timer is activated. You can set the period of time to a maximum of 12 hours in 1 minute intervals.

To off the On Timer, set the On Timer to 00:00 or press “” button.
Note : If TV is not in standby mode when On Timer is reach the setting time, then TV will be change to the specified channel automatically if already in power on mode

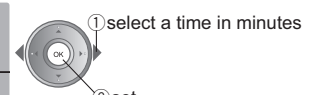
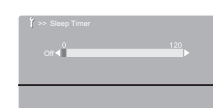
- 1 Display “Features” menu
➔ “Customising your TV” (P. 33)



- 2
- 3



- 4



- **Cancel** ➔ Set the time to “0” in step 4
- **Remaining time** ➔ You can confirm the remaining time at step 4, after repeating this process.

ENGLISH

IMPORTANT!

PREPARE

USE

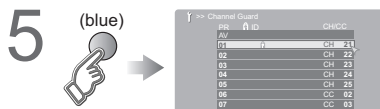
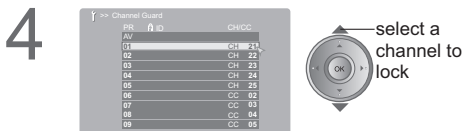
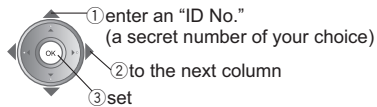
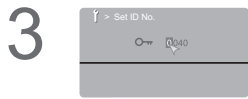
SETTINGS

TROUBLE?

Useful functions (continued)

ENGLISH

1 Display "Features" menu
 → "Customising your TV" (P. 33)



■ Lock more channels
 → Repeat steps 4 and 5

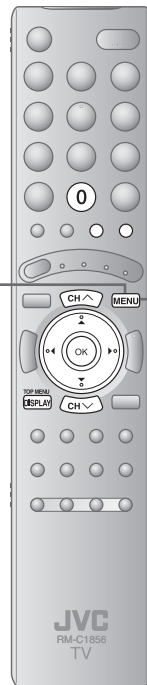


■ Release a channel → Press "0" again in step 5

■ View a locked channel → Use the numerical buttons to enter the channel number. When **CH** appears, press **TOP MENU DISPLAY** and enter your "ID No.". (If you forget your "ID No.", check it in step 3.)

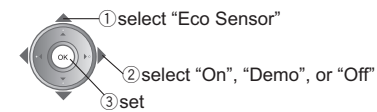
Stop children from watching specific channels

CHANNEL GUARD



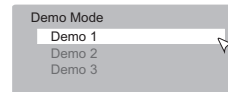
Automatically adjust light and dark according to the brightness of your room
ECO SENSOR

1 Display "Features" menu
 → "Customising your TV" (P. 33)

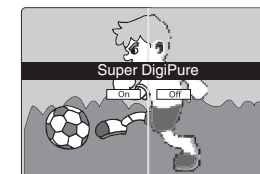


■ For more details → "What is "Eco Sensor"?" (P. 41)

→ "MENU" → " (yellow) " → "Demo Mode"



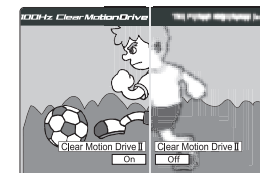
"Demo 1" →



"Demo 2" →



"Demo 3" →



Cancel "Demo Mode" by press " (yellow) "

Confirm the effect of Super DigiPure, MaxxAudio and Clear Motion Drive II
DEMO MODE

ENGLISH

IMPORTANT!

PREPARE

USE

SETTINGS


TROUBLE?

Useful functions (continued)


Register a channel to a button

FAVOURITE CHANNEL


1 While the channel is displayed



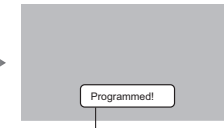
Hold down for 3 seconds



2 Press the number to register it on





1 2 3 4




Disappears after a few seconds

Recall the favourite channel

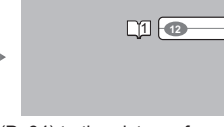
1

2 Press the number you registered



1 2 3 4



● Customisations (P. 34) to the picture of a favourite channel get saved as well.

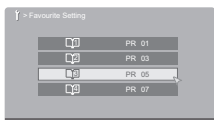

Check your favourite channels

➔ Press "TOP MENU" **DISPLAY** and confirm that the channels you have registered have a  beside them

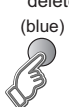
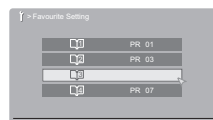
Delete a favourite channel

1

- ➔ "MENU" ➔ "Features" ➔ "Favourite Setting"

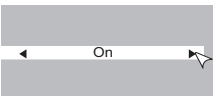
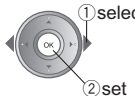
2 delete (blue)


Displays a blue screen and mute the sound when the signal is weak

BLUE BACK

➔ "MENU" ➔ "Features" ➔ "Blue Back"





1 select

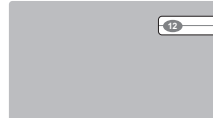
2 set

Off : Function is turned off

On : Displays a blue screen



When the signal is weak or absent

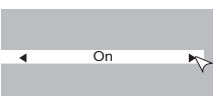
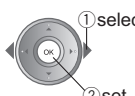


Displays a blue screen and mute the sound

Set the power to turn off if no signal is received and no operation is performed

AUTO SHUTOFF

➔ "MENU" ➔ "Features" ➔ "Auto Shutoff"

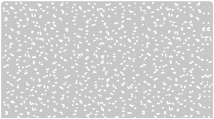



1 select


2 set

Off : Function is turned off

On : Set the power to turn off



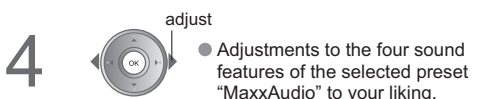
When no signal is received and no operation is performed for about 15 minutes



The power turns off

Useful functions (continued)


ENGLISH



Enjoy the sound setting that you like

MaxxAudio

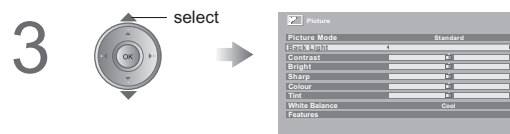
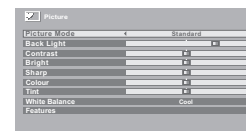
MaxxBass	: Compensates low frequencies to widen the frequency band.
MaxxTreble	: Compensates high frequencies to widen the frequency band.
MaxxStereo	: Expands the stereo sound naturally.
MaxxVolume	: Maintains a uniform sound volume even if the sound becomes loud suddenly (during commercial breaks etc.).

● To return to the default settings →  (blue)

MaxxAudio is a registered trademark of Waves Audio Ltd. in the USA, Japan and other countries.




1 → "MENU" →  → "Picture Mode"



Enjoy the picture mode that you like

PICTURE MODE

Back Light	: Backlight brightness (Darker ⇄ Brighter)
Contrast	: Contrast (Lower ⇄ Higher)
Bright	: Brightness (Darker ⇄ Brighter)
Sharp	: Sharpness (Softer ⇄ Sharper)
Colour	: Colour (Lighter ⇄ Deeper)
Tint	: Tint for NTSC (Reddish ⇄ Greenish)

● To return to the default adjustments →  (blue)

ENGLISH

IMPORTANT!

PREPARE

USE


SETTINGS


TROUBLE?

Operate JVC recorders and other devices

The included remote control can be used to operate JVC recorders and other devices.

ENGLISH



- Select a device**
 VCRs
 DVD recorders
 HDD recorders
 Home theatre system
 TV (P. 6)
 DVD players
 TV → VCR/DVR
 AUDIO ← DVD
 ● The indicator lights for 3 seconds each time the remote control is operated.
- Turn on the device**

- Operate the device**
 ● Other buttons can be used to operate the TV at any time.

Try changing the remote control code if you cannot operate a recorder.

■ Code A or 1 (Default)

■ Code C or 3



Press and hold



Press and hold

- Confirm the code for your recorder by checking the manual it came with.
- Some models of JVC devices cannot be operated with this remote control.
- JVC DVD recorders and HDD recorders are set to code "C" or "3" by default.

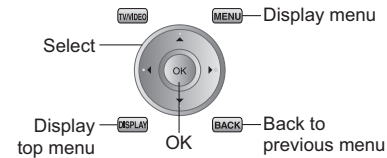
Note

- If the battery is removed, the remote control code reverts back to code A or 1.

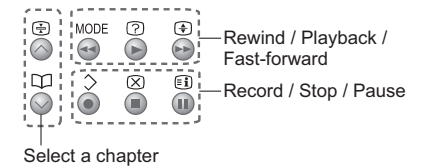
Operate the VCR, DVD recorder or HDD recorder

VCR/DVR

Operate DVD / HDD recorder menus



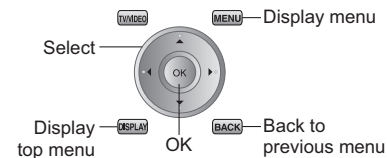
Playback / Record etc.



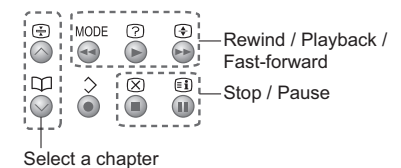
Operate the DVD player

DVD

Operate DVD menus



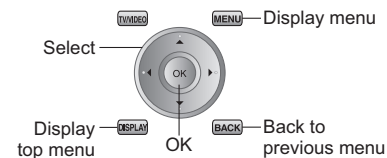
Playback etc.



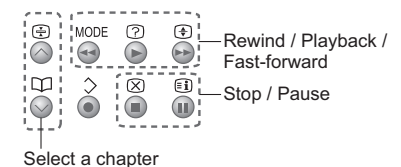
Operate the home theatre system

AUDIO

Operate AUDIO menus



Playback etc.



■ Mute → Press "MUTE"

■ Volume → Press "VOL + / VOL -"

■ Select a surround mode → Press "MaxxAudio"

ENGLISH

IMPORTANT!

PREPARE

USE

SETTINGS

TROUBLE?

Customising your TV

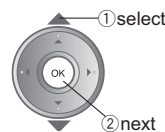
ENGLISH



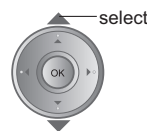
1 Display the menu bar



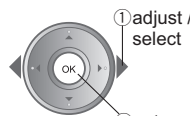
2 Select a menu



3 Select an item



4 Adjust / Configure



■ To the previous screen

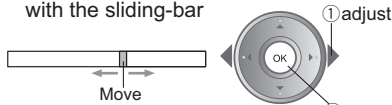
→ **BACK**

■ Exit

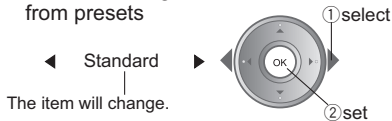
→ **MENU**

● The menu disappears after one minute of inactivity.

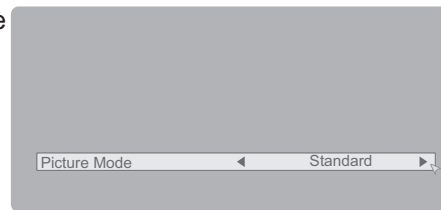
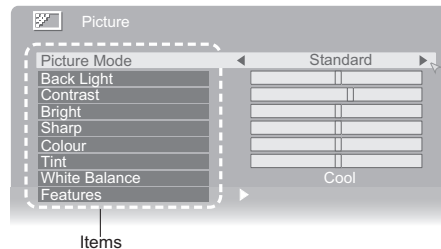
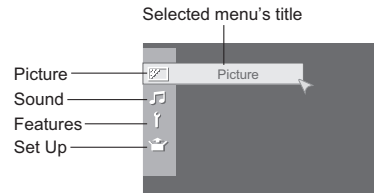
■ When adjusting with the sliding-bar



■ When selecting from presets



● Some items have a sub-menu.



Menu	Item	Adjustments / Configurations
Picture	Picture Mode	Picture mode (Bright / Standard / Soft)
	Back Light	Backlight brightness (Darker ⇄ Brighter)
	Contrast	Contrast (Lower ⇄ Higher)
	Bright	Brightness (Darker ⇄ Brighter)
	Sharp	Sharpness (Softer ⇄ Sharper)
	Colour	Colour (Lighter ⇄ Deeper)
	Tint	Tint for NTSC (Reddish ⇄ Greenish)
	White Balance	Colour temperature (Warm / Mid / Cool)
	Features	Finer picture adjustments (P. 35)
	Sound	Stereo / I · II
MaxxAudio		Ambience level (Off / Low / Mid / High)
MaxxBass*1		Low tones (Weaker ⇄ Stronger)
MaxxTreble		High tones (Weaker ⇄ Stronger)
MaxxStereo		Expands the stereo sound naturally.
MaxxVolume		Maintains a uniform sound volume even if the sound becomes loud suddenly (during commercial breaks etc.)
Balance		Speaker balance (Left Stronger ⇄ Right Stronger)
Features	Voice Enhancer	Sound enhancement technology (On / Off)
	Timer	Set timer for turning on or turning off the TV (P. 24)
	Channel Guard	Stops children from watching specific channels (P. 25)
	Appearance	Format for displaying the channel number (Type A / Type B)
	Blue Back	Displays a blue screen and mute the sound when the signal is weak or absent (P. 28)
	Child Lock	Disables the front control buttons of the TV
	Auto Shutoff	Set the power to turn off if no signal is received and no operation is performed for about 15 minutes (P. 28)
	Favourite Setting	Clear favourite channel settings (P. 27)
	Illumination	Lights illumination lamp (P. 5) while the TV is on (Off / Soft / Bright)
	Power Lamp	Lights power lamp (P. 5) while the TV is on (On / Off)
Set Up	Eco Sensor	Automatically adjust contrast of light and dark according to the brightness of your room (Off / On / Demo) (P. 26)
	Auto Program	Automatically registers channels (P. 10, 4)
	Edit / Manual	Change registered channels or add new ones (P. 11)
	Language	Select a language for on-screen menus (P. 10, 2)
	Video-1 Setting	For use with video players and other devices (P. 22)
	Video-3 Setting	For use with video players and other devices (P. 22)
	Teletext Language	Select a language for Teletext programmes (P. 10, 3)
	HDMI Setting	HDMI CEC : Allows the TV to connect and control multiple HDMI CEC enabled devices with a single remote (P. 41) HDMI-1 : Size (1 / 2 / Auto), Audio (Auto / Analogue / Digital) HDMI-2 : Size (1 / 2 / Auto) HDMI-3 : Size (1 / 2 / Auto)
	PC Position	PC position adjustment (P. 21)
	Auto Demonstration	Confirm the effect of Clear Motion Drive II for LCD screen (On / Off) (P. 42)

● Other settings · Change the aspect ratio → "ZOOM" (P. 17)

*1 MaxxBass is a registered trademark of Waves Audio Ltd. in the USA, Japan and other countries.

ENGLISH

IMPORTANT!

PREPARE

USE

SETTINGS

TROUBLE?

Advanced picture adjustment

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

ENGLISH



- 1 **Display the menu bar**
- 2 **Select "Picture"**
- 3 **Select "Features"**
- 4 **Select an item**
- 5 **Change settings**
- 6 **Finish**

■ To the previous screen
 → **BACK**

■ Exit
 → **MENU**

● The menu disappears after one minute of inactivity.

E.g. "Super DigiPure"

E.g. "Super DigiPure"

Super DigiPure	For natural-looking outlines		<input type="checkbox"/> Off	<input type="checkbox"/> Min	<input type="checkbox"/> Max	<input type="checkbox"/> Auto	: Function is turned off : When the picture loses sharpness : When noise appears : Automatically adjusts
Pull Down	For smooth cinema film		<input type="checkbox"/> Off	<input type="checkbox"/> On	<input type="checkbox"/> Auto		: Function is turned off : Function is always on : Automatically adjusts
Colour Management	For natural-looking pictures		<input type="checkbox"/> Off	<input type="checkbox"/> On			: Function is turned off : Maintain a natural colour balance
Picture Management	Fix bright / dark pictures		<input type="checkbox"/> Off	<input type="checkbox"/> On			: Function is turned off : Make it easier to view bright / dark pictures
Smart Picture	Fix brightness of white areas		<input type="checkbox"/> Off	<input type="checkbox"/> On			: Function is turned off : Make it easier to view white areas ● Not available when "Picture Mode" is set to "Bright" (P. 34).
MPEG Noise Reduction	To reduce MPEG video noise		<input type="checkbox"/> Off	<input type="checkbox"/> On			: Function is turned off : When noise appears
Colour System	When there is no colour		<input type="checkbox"/> Main	<input type="checkbox"/> Sub			① Select the screen to change settings on : Main picture : Sub-picture in MULTI-PICTURE mode (P. 23) ② Select the colour system <input type="checkbox"/> PAL <input type="checkbox"/> SECAM <input type="checkbox"/> NTSC 3.58 <input type="checkbox"/> NTSC 4.43 <input type="checkbox"/> Auto ● For colour system in your country or region. ➔ "Colour system in your country or region" (P. 40)
Zoom	Set a default aspect ratio		<input type="checkbox"/> Panoramic	<input type="checkbox"/> Regular	<input type="checkbox"/> 14:9 Zoom		Select a default aspect ratio for Auto in "Zoom" (P. 17) <input type="checkbox"/> 16:9 <input type="checkbox"/> 4:3 <input type="checkbox"/> 14:9

ENGLISH

IMPORTANT!

PREPARE

USE

SETTINGS

TROUBLE?

Troubleshooting

ENGLISH

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



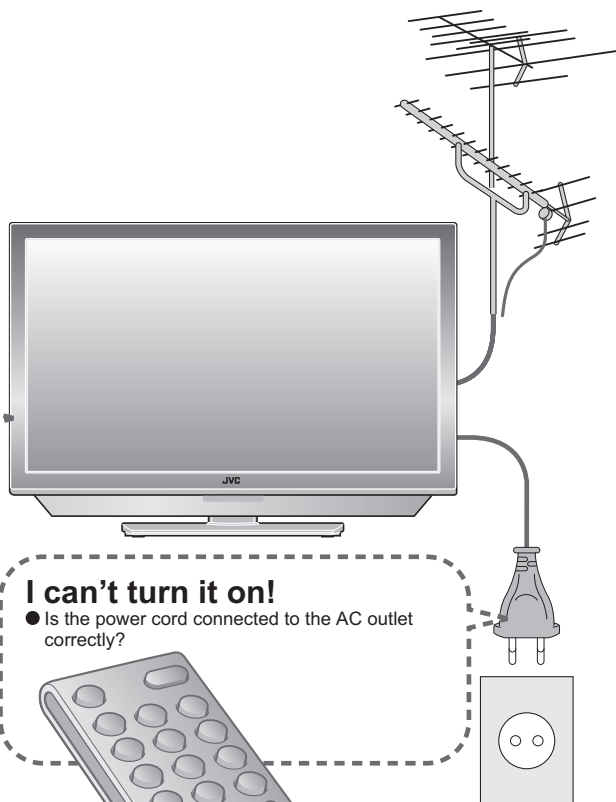
- Is the aerial receiving interference from high-voltage power lines or wireless transmitters?
 - ➔ Consult your retailer
- Are connected devices too close to the TV?
 - ➔ Insert the minimum distance between the aerial and the cause of interference until no interference

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 meters away from the TV?
- Is the "MODE (TV, VCR/DVR, DVD, AUDIO)" 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"> ● Unplug TV, several minutes later plug it in again. 	–
	Front control buttons does not work	<ul style="list-style-type: none"> ● Switch "Child Lock" to "Off". 	34
	Aspect ratio changes unintentionally	<ul style="list-style-type: none"> ● Press "ZOOM" to return to your settings. 	17
Screen	PC screen alignment is off	<ul style="list-style-type: none"> ● Adjust the "PC position". 	21
	Enters "Clear Motion Drive II" demonstration when watching TV.	<ul style="list-style-type: none"> ● Set "Auto Demonstration" to "Off". 	34
	Poor picture quality	<ul style="list-style-type: none"> ● Unnatural colour >>> Adjust "Colour" and "Back Light". Check your "Colour System". If "Auto" is selected, select the specific colour system manually. ● Noise >>> Set to the following functions. <ul style="list-style-type: none"> Picture Mode : Standard Super DigiPure : Max ● Dull picture >>> Set to the following functions. <ul style="list-style-type: none"> Picture Mode : Bright Super DigiPure : Min 	34 36 34 36
Picture	Strange picture when using an external device	<ul style="list-style-type: none"> ● 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). 	– –
	Blue screen appears on the screen	<ul style="list-style-type: none"> ● Switch "Blue Back" to "Off". 	28

ENGLISH

IMPORTANT!

PREPARE

USE

SETTINGS

TROUBLE?

Troubleshooting (continued)

ENGLISH

	Problem	Actions	page
Sound	Poor sound	<ul style="list-style-type: none"> ● Adjust the "MaxxBass" and "MaxxTreble". ● If receiving a poor signal in "Stereo / I-II", switch to "Mono". ● Adjust the channel reception using "Edit/Manual". 	34 34 11
	Wrong screen size	<ul style="list-style-type: none"> ● Switch "Size" in "HDMI Setting" to "1" or "2". 	34
HDMI	No picture, no sound	<ul style="list-style-type: none"> ● Use the cable marked with HDMI logo. HDMI 	—
	No sound	<ul style="list-style-type: none"> ● Check if the device is compliant with HDMI. ● Switch "Audio" in "HDMI Setting" to "Digital" or "Auto" for HDMI devices, or "Analogue" or "Auto" for DVI devices. (Not available for HDMI-2 and HDMI-3) 	— 34
	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. 	—
	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. 	—
Functions	Some inputs cannot be selected in the sub-picture	<ul style="list-style-type: none"> ● "VIDEO-1 (Component signal)", "VIDEO-3 (Component signal)", "HDMI-1", "HDMI-2" and "HDMI-3" inputs and PC mode cannot be selected in the sub-picture. 	—
	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. 	—
Screen			
OUT terminal	No picture, no sound	<ul style="list-style-type: none"> ● Some inputs does not output from OUT terminal 	22

Technical information

ENGLISH

IMPORTANT!

PREPARE

USE

SETTINGS

TROUBLE?

Language group for teletext

Group	Languages
Group-1	Turkish, Hungarian, English, German, French, Italian, Spanish, Portuguese, Greek, Swedish, Finnish
Group-2	Polish, Serbian, Croatian, Slovenian, Czech, Slovak, Rumanian, Hungarian, German, French, Italian, Swedish, Finnish
Group-3	Russian, Bulgarian, Lettish, Lithuanian, Estonian, Ukrainian, Serbian, Croatian, Slovenian, Czech, Slovak, English, German
Group-4	Arabic, Czech, Slovak, Hungarian, English, German, French, Italian, Spanish, Portuguese, Swedish, Finnish
Group-5	Farsi, Czech, Slovak, Hungarian, English, German, French, Italian, Spanish, Portuguese, Swedish, Finnish

- If the characters are unreadable. ➔ Select different teletext language group.

Sound and Colour system in your country or region

Area	Country or Region	System	System
Asia, Middle East	Bahrain, Kuwait, Oman, Qatar, United Arab Emirates, Yemen, etc. Indonesia, Malaysia, Singapore, Thailand, India, etc.	B/G	PAL
	China, Vietnam, etc.	D/K	
	Hong Kong, etc.	I	
	Islamic Republic of Iran, Lebanon, Saudi Arabia, etc.	B/G	SECAM
	Philippines, Taiwan, Myanmar, etc.	M	NTSC
Europe	Russia, etc.	D/K	SECAM
	Czech Republic, Poland, etc.		
	Germany, Holland, Belgium, etc. UK, etc.	B/G I	PAL
Oceania	Australia, New Zealand, etc.	B/G	PAL
Africa	Republic of South Africa, etc.	I	PAL
	Nigeria, etc.	B/G	SECAM
	Egypt, Morocco, etc.		

Monoaural sound

Use this function when stereo sound or bilingual sound is hard to hear.

- Set "Stereo / I · II" to "Mono" ➔ (P. 34)

PC Signals that can be displayed

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

Resolution	640 x 480 (VGA)	1024 x 768 (XGA)
Vertical frequency (Hz)	60.0	60.0

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

Connect "DVI" devices

Connect a "DVI" device to "HDMI-1" using "DVI-HDMI" conversion cable. Connect analogue sound output of the DVI device to L and R terminals in IN HDMI-1.

- Set "Audio" in "HDMI Setting" to "Analogue" or "Auto" ➔ (P. 34)
- HDMI-2 and HDMI-3 input does not support analogue sound (IN HDMI-1).
- HDMI-2 and HDMI-3 input does not support DVI devices.

Technical information (continued)

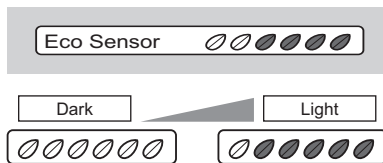
What is "Eco Sensor"?

You can adjust this TV so that the screen automatically adjusts to the optimum contrast of light and dark according to the brightness of your room. This function reduces eye strain and the power consumption of this TV.

- Set "Eco Sensor" → "Eco Sensor" (P. 26)
- Make sure not to block the Eco Sensor on front of the TV (P. 5)

■ Using "Demo" in "Eco Sensor" You can display the effect of the "Eco Sensor" on the screen

- To fully reduce eye strain and the power consumption of this TV. Set to the following functions.
Eco Sensor: On or Demo (P. 26)
Smart Picture: On (P. 35)



What is "HDMI CEC"?

HDMI CEC (Consumer Electronics Control) allows the TV to connect and control multiple HDMI CEC enabled devices with a single remote. CEC (Consumer Electronics Control) is an optional protocol used in HDMI.

- HDMI CEC on this TV is compliant with "High-Definition Multimedia Interface Specification".
- The TV does not support HDMI CEC functions that are not listed below.
- The TV does not guarantee to support use of all HDMI CEC enabled devices.
- Devices that are not enabled to HDMI CEC cannot be controlled with this TV.

■ Control the TV using the HDMI CEC enabled device

- Turn the TV on and switch to the video source of the operating device.
- Switch to the video source of the operating device.
- Turn the TV off with the HDMI CEC enabled device you are viewing.

* For operating instructions of the device, refer to the device's manual.

■ Control the HDMI CEC enabled device using the TV

- Turn off the operating device by turning off the TV.
- * Some device may not support this function. For more details refer to the device's manual.

■ Send status of the TV to the HDMI CEC enabled device

- When switching the TV's external input or channel.
- When switching the TV's menu language.

* Information regarding behavior of the device when status is received, refer to the external device's manual.

Turning On / Off HDMI CEC:

- Set "HDMI CEC" → "HDMI Setting" (P. 34)

* Factory default setting is "On".

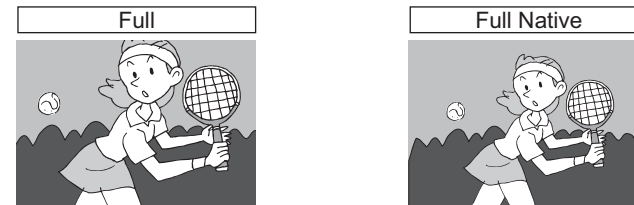
Auto in "Zoom"

When "Auto" is selected in Zoom, the aspect ratio will turn to the ratio obtained from the information the TV received.

- The aspect ratio will turn to the ratio obtained from WSS (Wide Screen Identification Signal), video signal, or control signal of the external devices. Without receiving the aspect information, it will be the setting in Auto in Zoom menu. (Regular or Panoramic or 14:9 Zoom) (P. 35)
- Not available in PC mode.

What is "Full Native"?

With the full HD LCD display and "Full Native", you can enjoy full native HD resolution of 1920 x 1080. It exposes flaws in the video that were hidden when viewing on "Full".



* The illustrations are emphasized to make clear differences between "Full" and "Full Native".

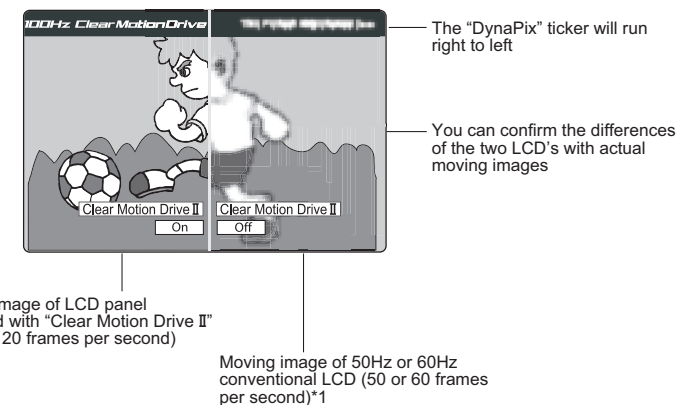
- Depending on the video, noise or dark bar may appear on the edge of the screen. → Select "Full" in "Zoom"
- You cannot change the screen size from "Full Native" when receiving the 1080p (1125p) signal.

Clear Motion Drive II

Most conventional LCD panel uses 50 frames per second (50Hz) or 60 frames per second (60Hz) to display an image which needs long holding time (time it takes to display single frame), causing blurring or ghost images when there is rapid or complex movement across the screen – a phenomenon common to all LCD panels.

This TV is equipped with JVC's original "Clear Motion Drive II" technology, which displays two frames (the original plus the new interpolated frame) in the time a 50Hz or 60Hz set displays a single frame. Resulting to double the typical rate, 100 frames per second (100Hz) or 120 frames per second (120Hz) and halve the holding time without reducing brightness or contrast. By using this technology you will be able to reduce blurring or ghost images when there is rapid or complex movement across the screen.

By using "Demo 3", you can display the differences between conventional LCD (50Hz or 60Hz) and LCD panel equipped with "Clear Motion Drive II".



*1 To simulate Moving image of conventional LCD, the TV will display two same frames at a time.

Note: The illustrations are emphasized to make clear differences between LCD panel equipped with "Clear Motion Drive II" and conventional LCD.

- Set "Auto Demonstration" to "On" / "Off". → "Auto Demonstration" (P. 34)
- When set to "On", it automatically enters demonstration every time no operation is made for approximately 3 minutes. To stop automatic demonstration, set "Auto Demonstration" to "Off".
- When the images are 60 frames per second (60Hz), it will be produced as 120 frames per second (120Hz).

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