

# JVC

## LT-42GZ78 LT-47GZ78

WIDE LCD PANEL TV  
โทรทัศน์ที่มีจอ LCD แบบกว้าง

INSTRUCTIONS  
คู่มือการใช้งาน

# JVC



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

HDMI™  
HIGH-DEFINITION MULTIMEDIA INTERFACE

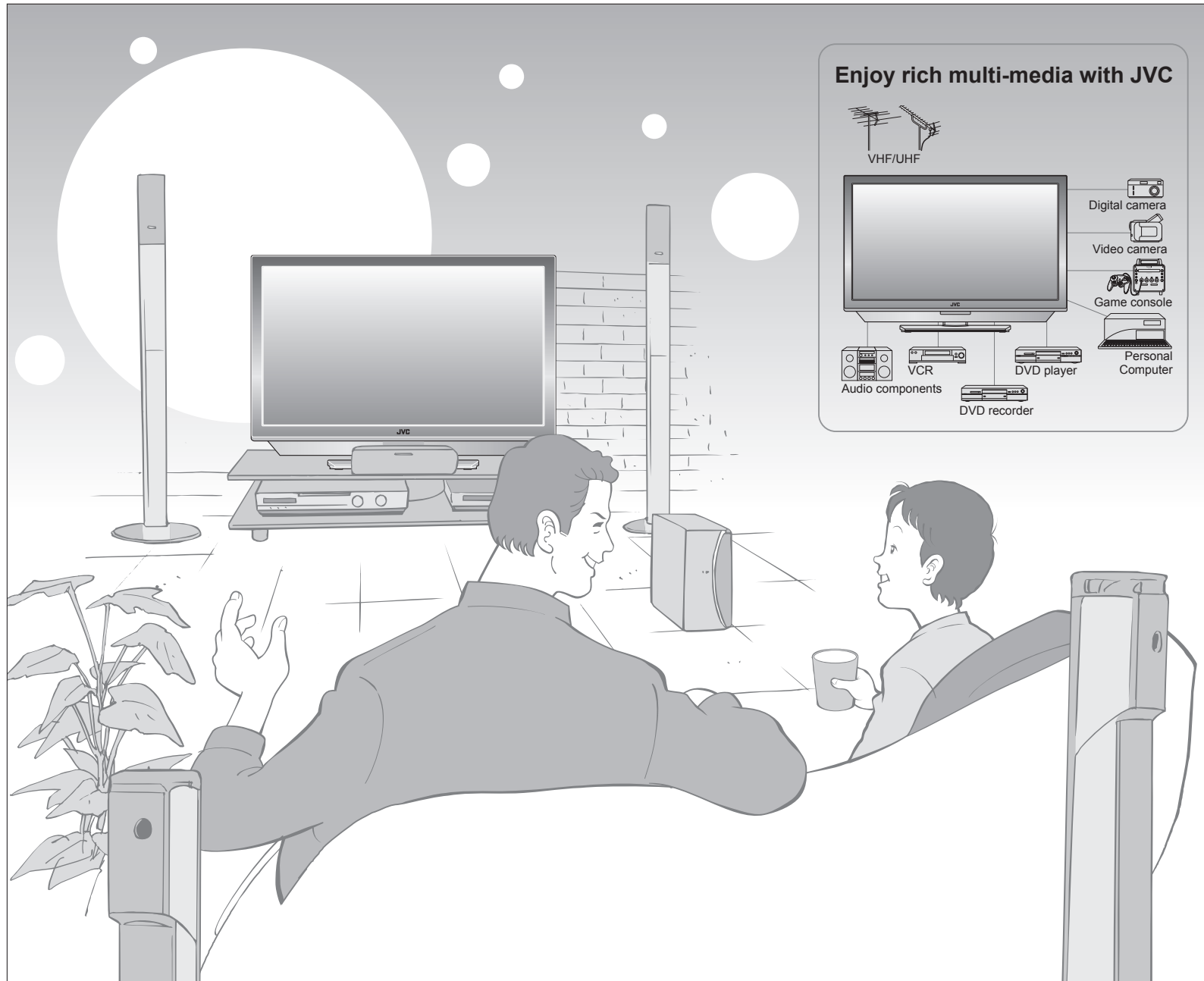
MAXX  
Audio

100Hz/120Hz

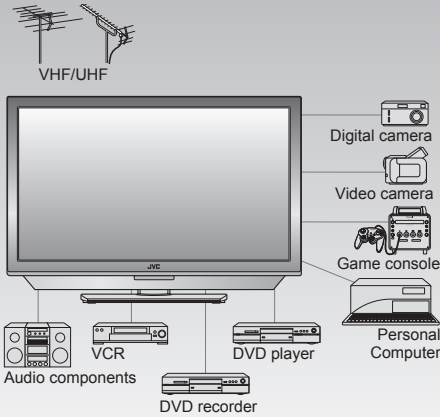
Clear Motion  
Drive II



# Expanding the world of beautiful images



## Enjoy rich multi-media with JVC



## Contents

### First things first!

- Warning ..... 3

### Getting started

- Names of all the parts ..... 5
- Basic connections ..... 7
- Initial settings ..... 9
- Editing channels ..... 11
  - Registering channels
- Connecting external devices ..... 13

### Let's try it out

- Enjoying your new TV! ..... 15
  - TV / Teletext / Video / etc.
- Watching TV ..... 17
- Viewing teletext ..... 19
- Watching videos / DVDs ..... 21

### Try the advanced features

- Useful functions ..... 23
  - Take a snapshot
  - View and search in multi-picture mode
  - "Timer" / "Channel Guard"
- Operate JVC recorders and other devices ..... 31

### Just the way you like it

- Customising your TV ..... 33
- Advanced picture adjustment ..... 35
  - Reduce noise / Watch a more natural picture
  - Set the aspect ratio, etc.

### When you have trouble

- Troubleshooting ..... 37
- Technical information ..... 40
- "CH/CC" List ..... 43
- Specifications ..... 44

# Warning

Please follow all the guidelines below

ENGLISH

## 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.



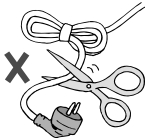
## Make enough room for inserting and removing the power plug!

## 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.

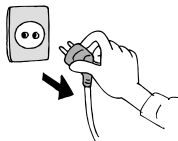


## Never listen to headphones at high volume!

- 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

ENGLISH

IMPORTANT!

PREPARE

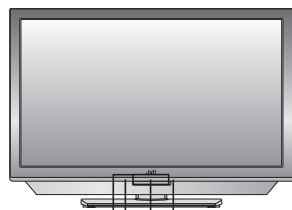
USE

SETTINGS

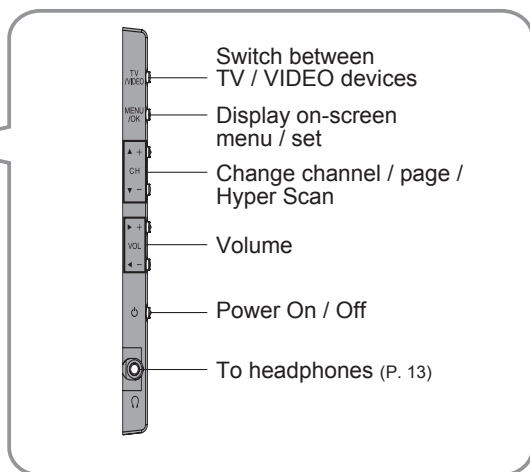
TROUBLE?

# Names of all the parts

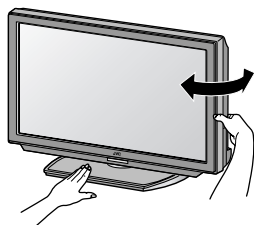
ENGLISH



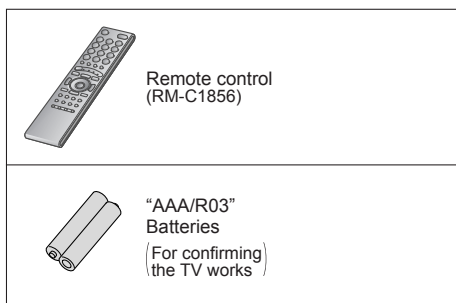
- Illumination lamp**
- Illumination lamp lights while the TV is on.
  - ➔ "Illumination" (P. 34)
- Eco sensor**
- The screen automatically adjust brightness.
  - ➔ "Eco Sensor" (P. 41)
- Remote control sensor**
- Power lamp**
- ON: Lit (Blue)
  - OFF: Unlit
  - Power lamp lights while the TV is on.
  - ➔ "Power Lamp" (P. 34)



## Change the direction of TV

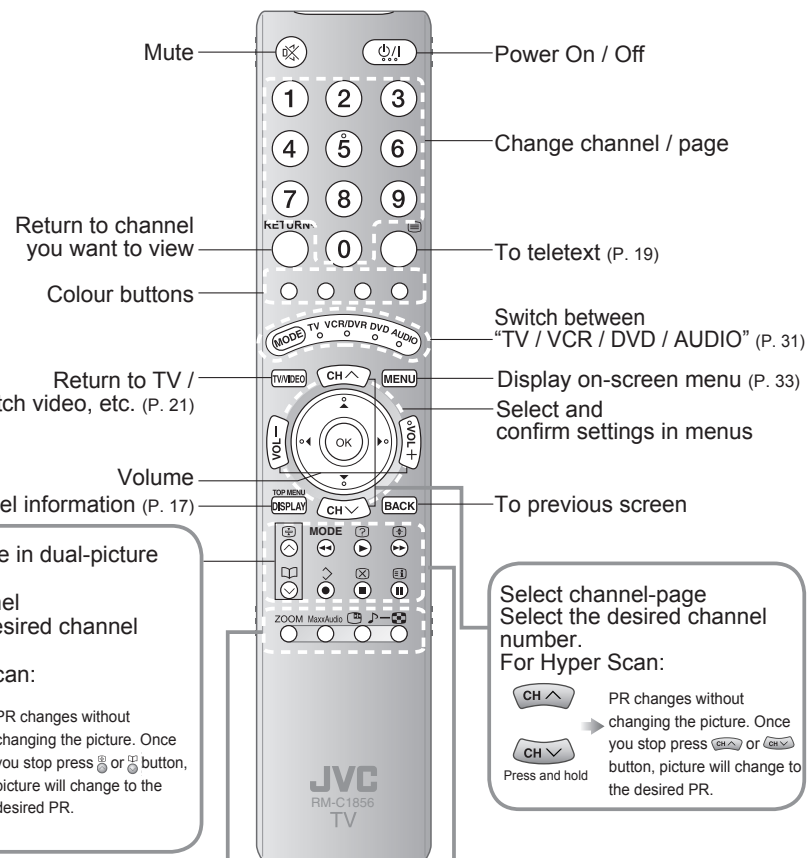
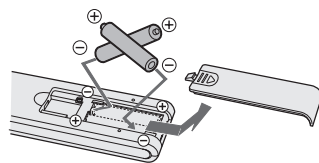


## Check accessories



### 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 CH ^ or CH v button, 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
- Switch briefly between teletext and TV
- To index page

ENGLISH

IMPORTANT!

PREPARE

USE

SETTINGS

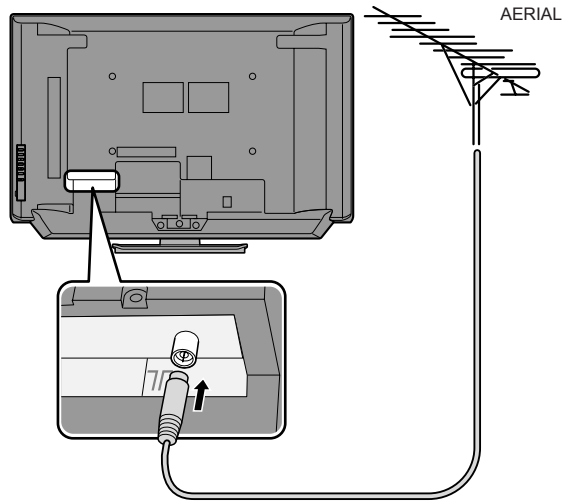
TROUBLE?

# Basic connections

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

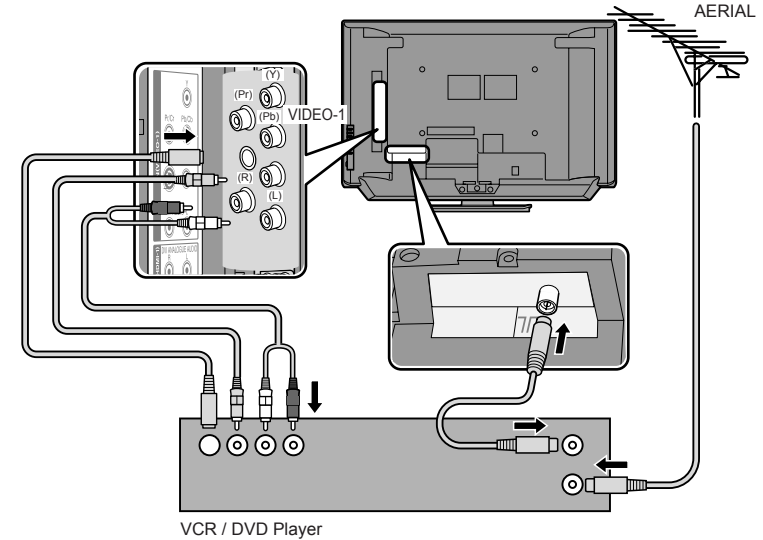
■ Connect with other devices → "Connecting external devices" (P. 13)

## 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

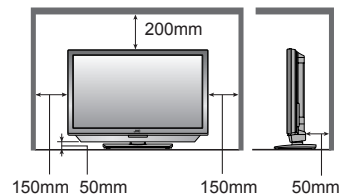
- Connect the power cord only to a 110-240V, 50/60Hz AC outlet.

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

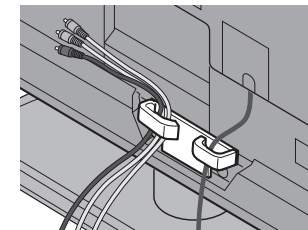
- Consult a qualified technician.
- See the included manual on mounting procedures.
- JVC assumes no responsibility for damage due to improper mounting.
- 200mm × 200mm mount which conforms to VESA standards.

### ■ Installation requirements

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

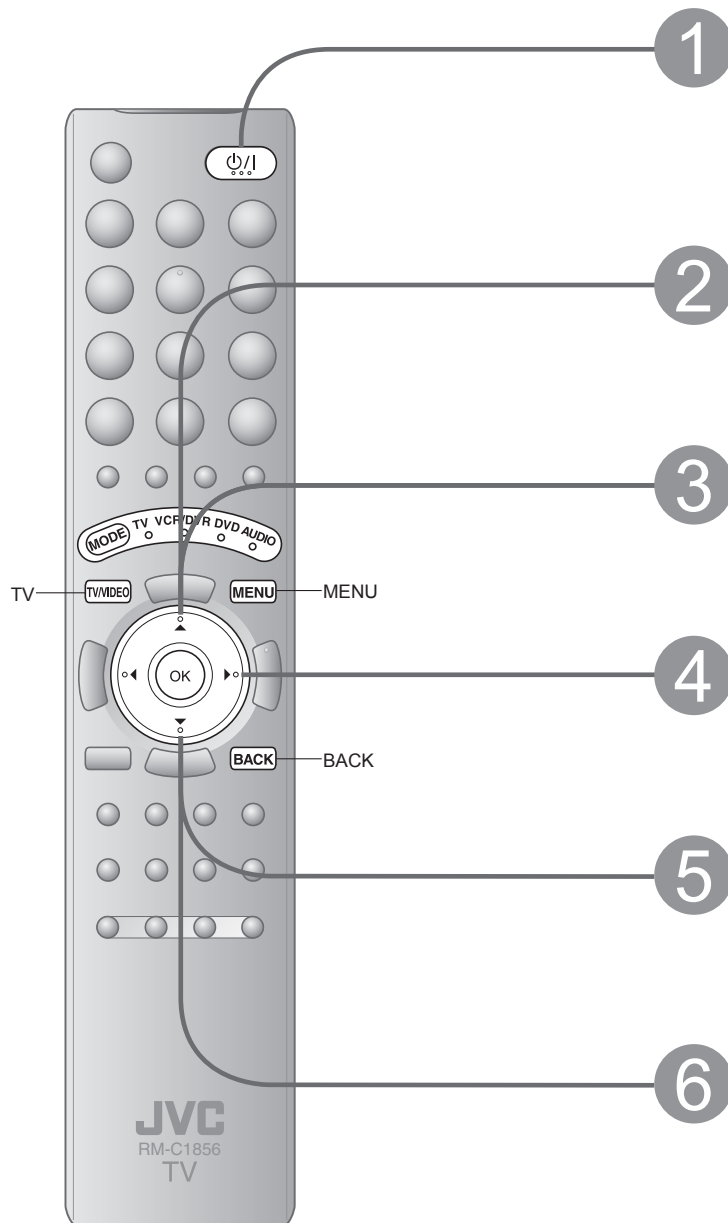


## Tidying the cables



# 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.

## ■ The remote control doesn't work

- Confirm the mode is set to "TV".

## 2 Select a language

① select  
② set

## 3 Select the teletext language group

select

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

## 4 Automatically register channels

## 5 Check what was registered

PRG	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

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

## 6 Confirm



- 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)

# 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**      **2 Select a destination**      **3 Finish**

**1 Begin**      **2 Enter a channel name**

**1 Begin**      **2 Select a "CH / CC"**      **3 Enter a number**

● Receives the broadcast signal.

● "CH/CC" List → (P. 43)

**1 Delete**

**1 Begin**      **2 Beginning channel search**      **3 Set**

● If you can not receive the channel you want to view, press ► to change the sound system.  
 ► "Sound system in your country or region" (P. 40)

■ **Adjust**

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

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

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

ENGLISH

IMPORTANT!

PREPARE

USE

SETTINGS

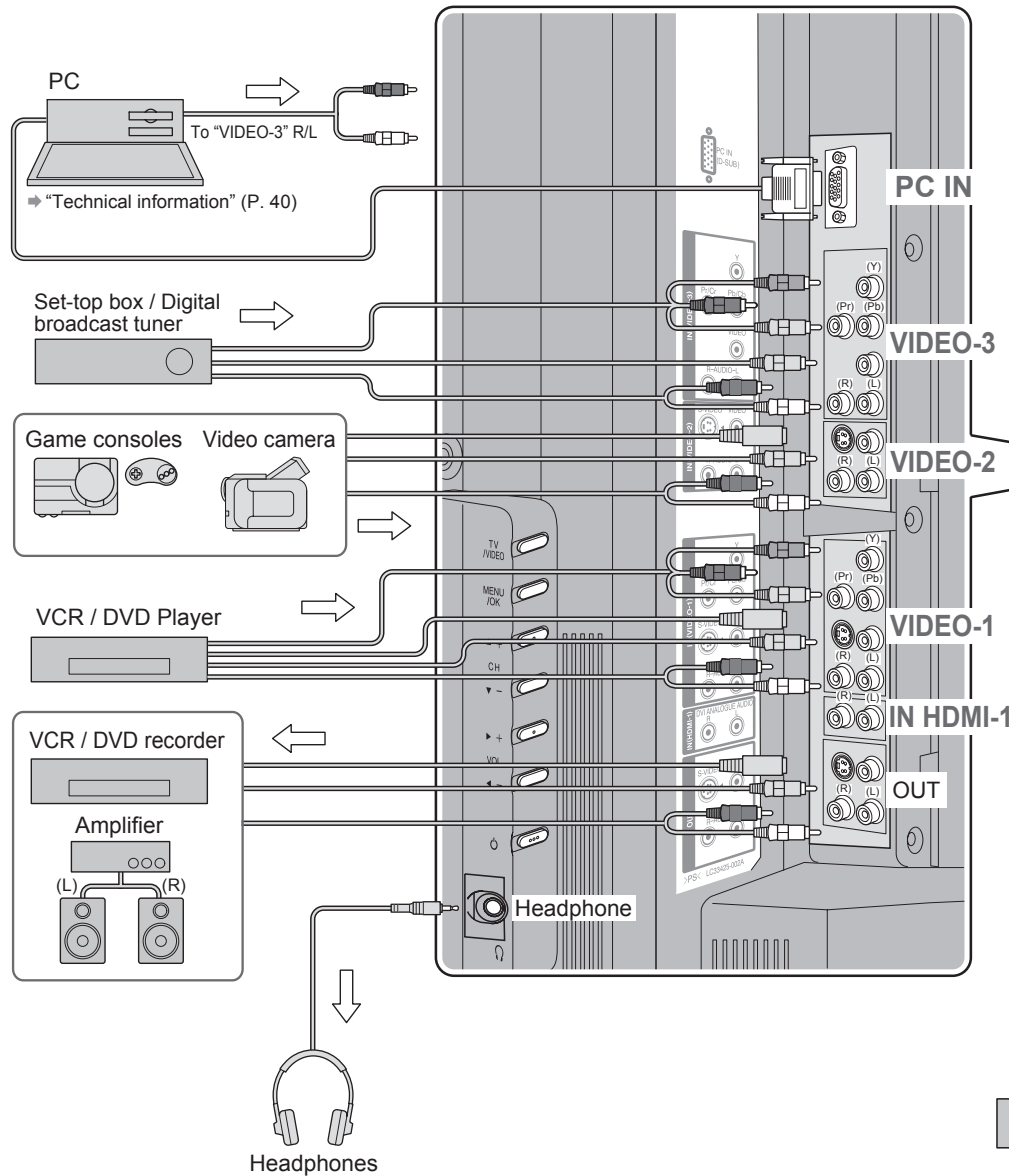
TROUBLE?



# Connecting external devices

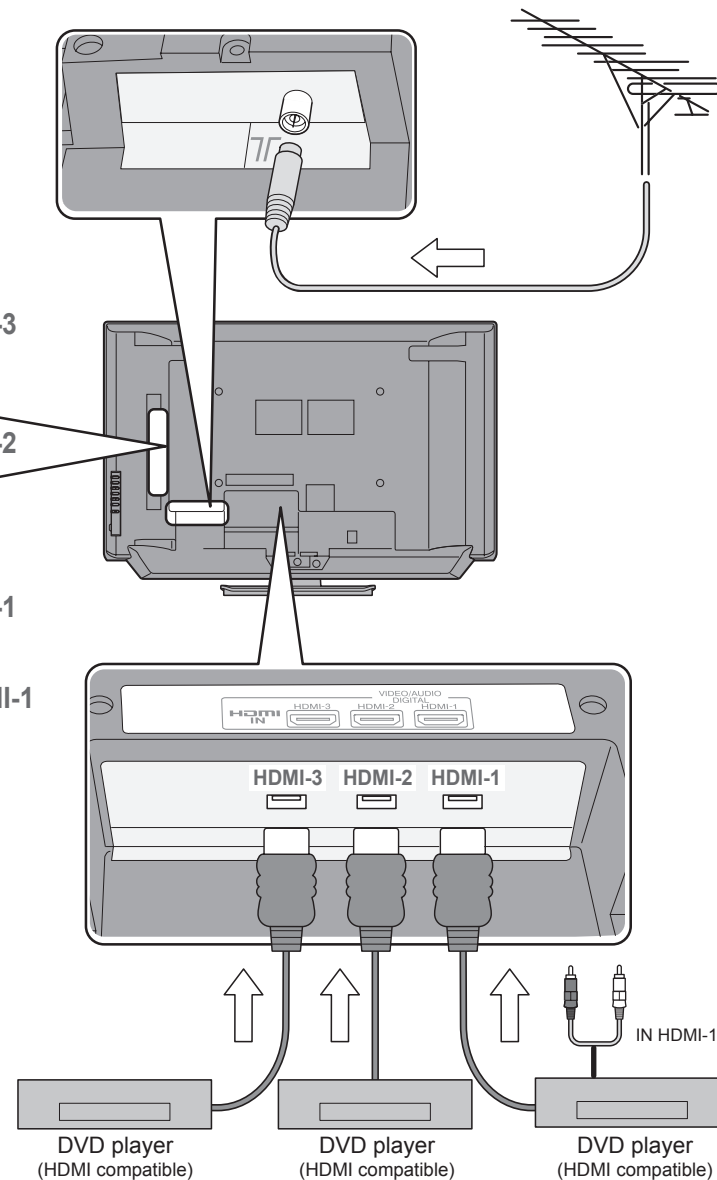
You can connect many different devices to the rear panel of the TV.  
Please read the user manuals of each device before setup.  
(Connecting cables are not supplied with this TV.)

ENGLISH



## 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!

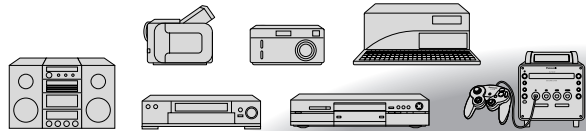
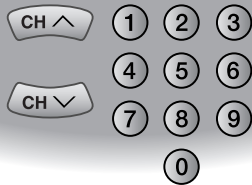
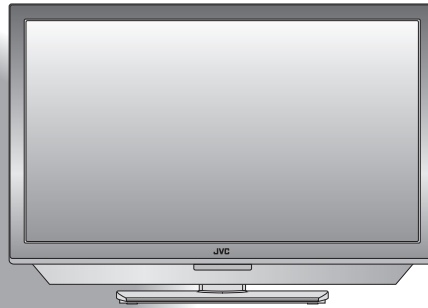
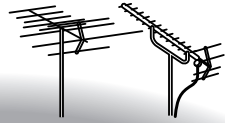
ENGLISH

ENGLISH

## Watching TV

PAGE  
**17**

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

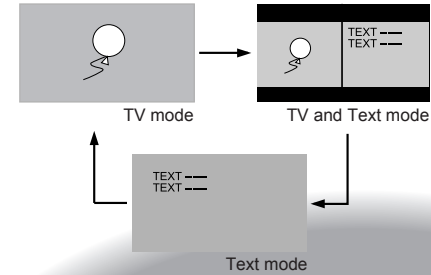


## Watching videos / DVDs

PAGE  
**21**

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

TV/VIDEO



## Viewing teletext

PAGE  
**19**

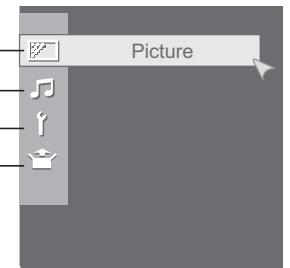
- Enlarge the text
- To the index page
- Hold the current page
- Switch briefly between teletext and TV
- Bookmark your favourite pages
- Reveal hidden pages

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 YCR/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  
1 2 3 E.g.  
4 5 6 1 : 0 → 1  
7 8 9 15 : 1 → 5  
0

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

■ Switch between mono / stereo / bilingual broadcasting  
→ "Stereo / I-IT" ( 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

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

Channel information

(No indication)

■ Select a page → select

■ Select and view a channel → select view

## Change the aspect ratio

ZOOM

ZOOM → Zoom

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".
- 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  
Hold down for 3 seconds → Return Plus Programmed!

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

■ Recall the return channel → RETURN PLUS

## Return to the last channel you were viewing

RETURN

RETURN → Current channel ↔ Last channel

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

When watching TV

TV TEXT

TEXT TEXT

TEXT TEXT

■ View sub-pages

01 02

01 02

to sub-page

## 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

1 2 3  
4 5 6  
7 8 9  
0

?? ? ? 124 ? ? ? ?

**4** Save

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

**Hold the current page**

HOLD

■ Release → Press again

**Reveal hidden pages**

REVEAL

1 + 2 =  
2 x 3 =

1 + 2 = 3  
2 x 3 = 6

**Enlarge the text**

SIZE

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

TV/VIDEO → AV Select

0	01
1	Video-1
2	Video-2
3	Video-3
4	HDMI1
5	HDMI2
6	HDMI3
7	PC

① select Or TV/VIDEO  
② watch

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

**2** Operate the connected device and play a video

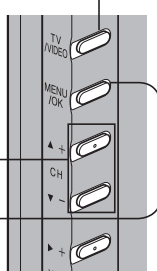
■ Operate JVC recorders and other devices (P. 31)

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



## PC position adjustment



**1** MENU Display the menu bar

**2** Select "Set Up" → Select "PC Position"

① select ② next

① select ② next


● Shown only when "PC" is selected.

**3** PC Position

① adjust ● Reset position → (blue)

② set

## Switch between video and component signal



**1** Display the menu bar

MENU

**2** Select "Set Up"

① select ② next

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

① select

**4** Change settings

① select ② set

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.

ENGLISH

IMPORTANT!

PREPARE

USE

SETTINGS

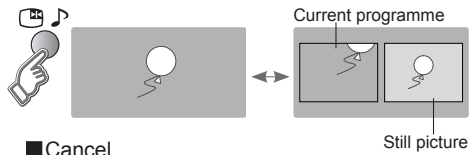
TROUBLE?

# Useful functions

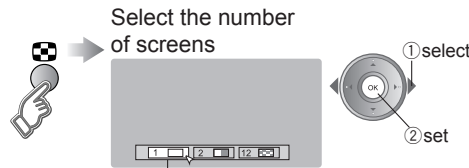
ENGLISH

## Take snapshots of the screen

**FREEZE**



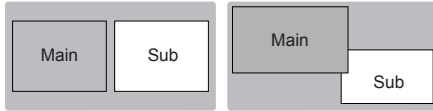
- **Cancel**  
→ Press “” again, or change the channel
- Not available when the SUB-PICTURE is displayed, or when in PC mode.
- You cannot save or export the snapshot.



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

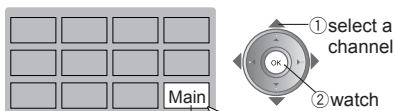
- **Watch in dual-picture mode**  
E.g. You can watch TV and video at the same time.

(For wide aspect ratio signals)

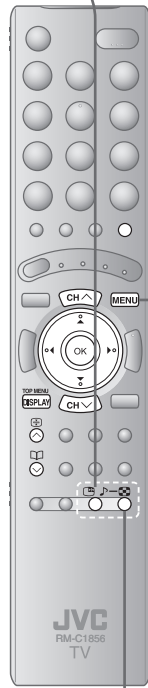


- Switch between the sound sources  
→
- Change the channel  
→ (Main)   
→ (Sub)

- **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 ① select “Timer”
- 3 ② next
- 4 ① select “On Timer”
- 5 ① select PR Channel

 ① select “On Timer” ② select timer ③ set

- 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

## Set a time for the TV to turn itself off

**SLEEP TIMER**

- 1 Display “Features” menu  
→ “Customising your TV” (P. 33)
- 2 ① select “Timer”
- 3 ② next
- 4 ① select “Sleep Timer”

 ② 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.

ENGLISH

IMPORTANT!

PREPARE

USE

SETTINGS

TROUBLE?

# Useful functions (continued)

ENGLISH

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



**2** select "Channel Guard"

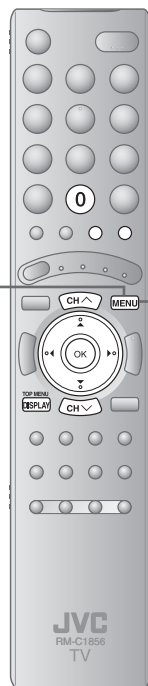
**3** enter an "ID No." (a secret number of your choice)  
 ② to the next column  
 ③ set

**4** select a channel to lock

**5** Lock more channels  
 → Repeat steps 4 and 5

**6** Release a channel → Press " " again in step 5  
 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 3.)

Stop children from watching specific channels  
**CHANNEL GUARD**



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

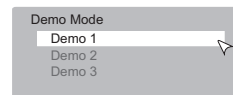
**1** Display "Features" menu  
 → "Customising your TV" (P. 33)



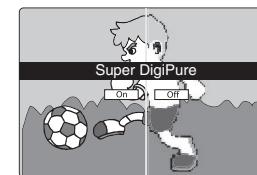
**2** ① select "Eco Sensor"  
 ② select "On", "Demo", or "Off"  
 ③ set

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

→ "MENU" → " " → "Demo Mode"



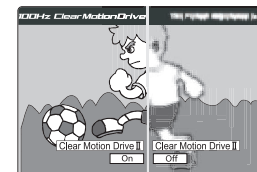
"Demo 1" →



"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)

ENGLISH


## Register a channel to a button

FAVOURITE CHANNEL


**1** While the channel is displayed



Hold down for 3 seconds



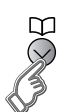

**2** Press the number to register it on




Disappears after a few seconds

### Recall the favourite channel

**1**

**2** Press the number you registered



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

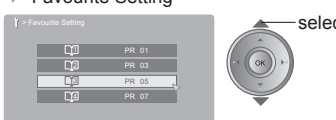
### Check your favourite channels

→ Press **DISPLAY** and confirm that the channels you have registered have a  beside them


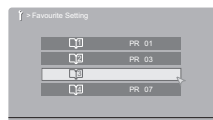
### Delete a favourite channel

**1**

→ "MENU" → "Features" → "Favourite Setting"



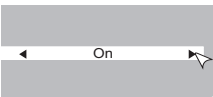
**2** delete (blue)


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

BLUE BACK

→ "MENU" → "Features" → "Blue Back"




**1** select

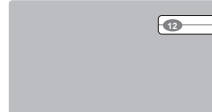
**2** set

**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"

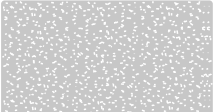


**1** select


**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

ENGLISH

IMPORTANT!

PREPARE

USE

SETTINGS

TROUBLE?





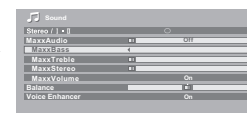



# Useful functions (continued)


ENGLISH

Enjoy the sound setting that you like

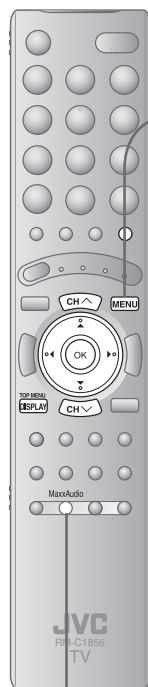
MaxxAudio

- 1  → 
- 2  select → Off → Low → Mid → High
- 3  select → 
- 4  adjust → Adjustments to the four sound features of the selected preset "MaxxAudio" to your liking.

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.).





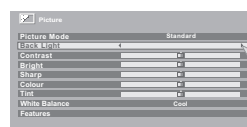

- To return to the default settings →  (blue)

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




Enjoy the picture mode that you like

PICTURE MODE

- 1 → "MENU" →  → "Picture Mode" → 
- 2  select → Bright → Standard → Soft
- 3  select → 
- 4  adjust → You can make further adjustments to the select preset "Picture Mode" to your liking.

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



- 1 Select a device**  

VCRs  
DVD recorders  
HDD recorders  
Home theatre system

TV (P. 6)    DVD players

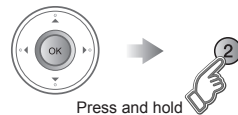
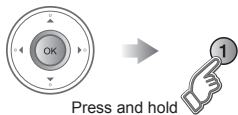
TV → VCR/DVR  
AUDIO ← DVD

  - The indicator lights for 3 seconds each time the remote control is operated.
- 2 Turn on the device**
- 3 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



- 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.

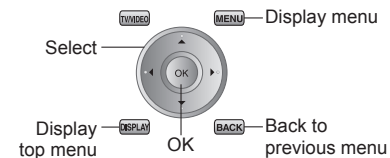
### Note

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

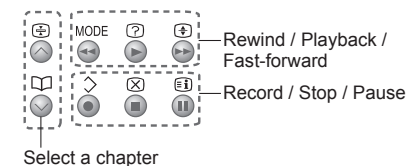
## Operate the VCR, DVD recorder or HDD recorder

VCR/DVR

### Operate DVD / HDD recorder menus



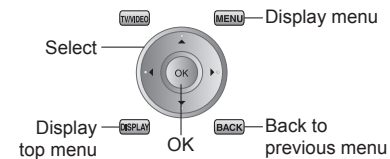
### Playback / Record etc.



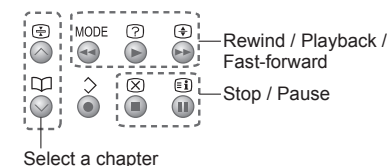
## Operate the DVD player

DVD

### Operate DVD menus



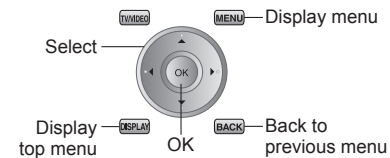
### Playback etc.



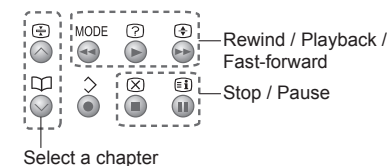
## Operate the home theatre system

AUDIO

### Operate AUDIO menus



### Playback etc.



■ Mute → Press "Mute"

■ Volume → Press "Volume Up/Down"

■ Select a surround mode → Press "MaxxAudio"

ENGLISH

IMPORTANT!

PREPARE

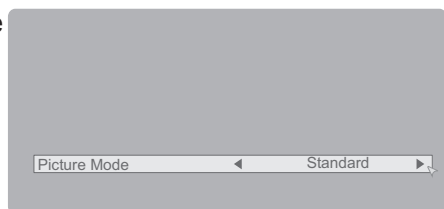
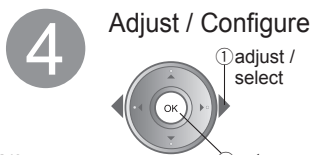
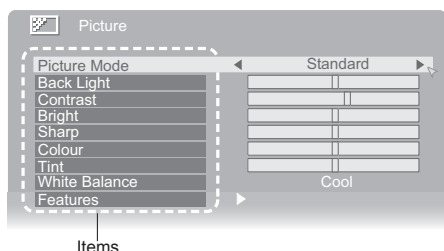
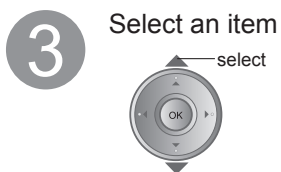
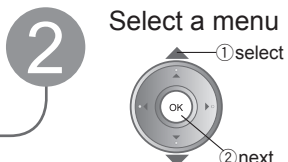
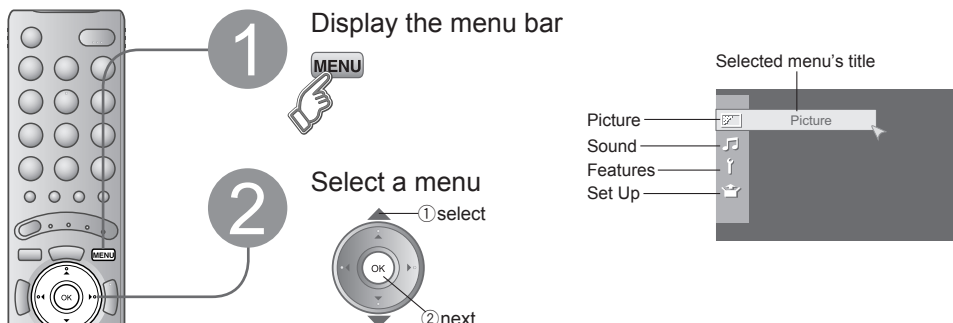
USE

SETTINGS

TROUBLE?

# Customising your TV

ENGLISH



■ To the previous screen

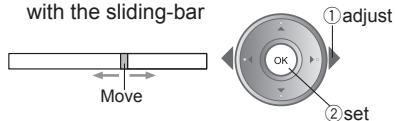
➔ BACK

■ Exit

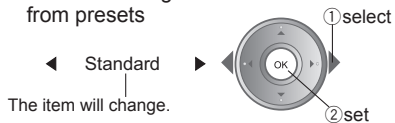
➔ MENU

● 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**  

E.g. "Super DigiPure"
- 5 **Change settings**  

E.g. "Super DigiPure"
- 6 **Finish**

■ To the previous screen  
 → **BACK**

■ Exit  
 → **MENU**

● The menu disappears after one minute of inactivity.

<b>Super DigiPure</b>	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
<b>Pull Down</b>	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
<b>Colour Management</b>	For natural-looking pictures		<input type="checkbox"/> Off	<input type="checkbox"/> On			: Function is turned off : Maintain a natural colour balance
<b>Picture Management</b>	Fix bright / dark pictures		<input type="checkbox"/> Off	<input type="checkbox"/> On			: Function is turned off : Make it easier to view bright / dark pictures
<b>Smart Picture</b>	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).
<b>MPEG Noise Reduction</b>	To reduce MPEG video noise		<input type="checkbox"/> Off	<input type="checkbox"/> On			: Function is turned off : When noise appears
<b>Colour System</b>	When there is no colour		① Select the screen to change settings on <input type="checkbox"/> Main <input type="checkbox"/> Sub : 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)		
<b>Zoom</b>	Set a default aspect ratio		Select a default aspect ratio for Auto in "Zoom" (P. 17)		<input type="checkbox"/> Panoramic <input type="checkbox"/> Regular <input type="checkbox"/> 14:9 Zoom <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



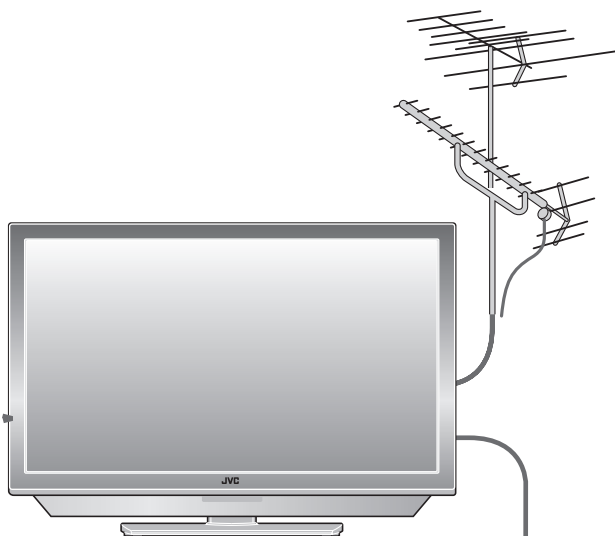
- Is the aerial receiving interference from high-voltage power lines or wireless transmitters?
  - ➔ Consult your retailer
- Are connected devices too close to the TV?
  - ➔ Insert the minimum distance between the aerial and the cause of interference until no interference

## Ghosting

(Doubling of images)

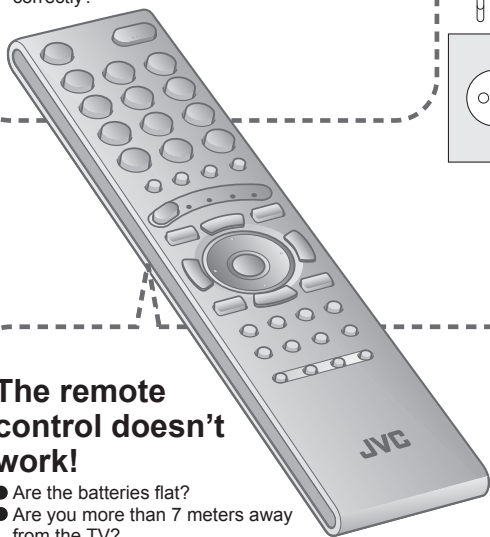


- Are you receiving interference from signals reflected off mountains or buildings?
  - ➔ Adjust the direction of your aerial, or change to a good-quality directional aerial



## 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	● Unplug TV, several minutes later plug it in again.	–
	Front control buttons does not work	● Switch "Child Lock" to "Off".	34
Screen	Aspect ratio changes unintentionally	● Press "ZOOM" to return to your settings.	17
	PC screen alignment is off	● Adjust the "PC position".	21
	Enters "Clear Motion Drive II" demonstration when watching TV.	● Set "Auto Demonstration" to "Off".	34
Picture	Poor picture quality	● Unnatural colour >>> Adjust "Colour" and "Back Light". Check your "Colour System". If "Auto" is selected, select the specific colour system manually.	34 36
		Noise >>> Set to the following functions. Picture Mode : Standard Super DigiPure : Max	34 36
	Strange picture when using an external device	● 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	● 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"> <li>● Adjust the "MaxxBass" and "MaxxTreble".</li> <li>● If receiving a poor signal in "Stereo / I-II", switch to "Mono".</li> <li>● Adjust the channel reception using "Edit/Manual".</li> </ul>	34 34 11
	Wrong screen size	<ul style="list-style-type: none"> <li>● Switch "Size" in "HDMI Setting" to "1" or "2".</li> </ul>	34
HDMI	No picture, no sound	<ul style="list-style-type: none"> <li>● Use the cable marked with HDMI logo. <b>HDMI</b></li> </ul>	—
	No sound	<ul style="list-style-type: none"> <li>● Check if the device is compliant with HDMI.</li> <li>● 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)</li> </ul>	— 34
	Green and distorted screen	<ul style="list-style-type: none"> <li>● Wait a little for the signal to stabilize when switching the signal format for an "HDMI" device.</li> </ul>	—
	Some functions do not work	<ul style="list-style-type: none"> <li>● It is not a malfunction. Some functions (dark background) in the menu do not work depending on the situation.</li> </ul>	—
Functions	Some inputs cannot be selected in the sub-picture	<ul style="list-style-type: none"> <li>● "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.</li> </ul>	—
	Black or white dots appear on the screen	<ul style="list-style-type: none"> <li>● 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.</li> </ul>	—
Screen			
OUT terminal	No picture, no sound	<ul style="list-style-type: none"> <li>● Some inputs does not output from OUT terminal</li> </ul>	22

# Technical information

ENGLISH

## 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. Philippines, Taiwan, Myanmar, etc.	B/G M	SECAM NTSC
Europe	Russia, etc.	D/K	SECAM
	Czech Republic, Poland, etc. Germany, Holland, Belgium, etc.	B/G	PAL
	UK, etc.	I	
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.

IMPORTANT!

PREPARE

USE

SETTINGS

TROUBLE?



# Technical information (continued)

## What is "Eco Sensor"?

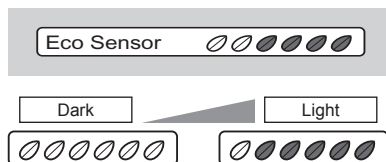
You can adjust this TV so that the screen automatically adjusts to the optimum contrast of light and dark according to the brightness of your room. This function reduces eye strain and the power consumption of this TV.

- 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".

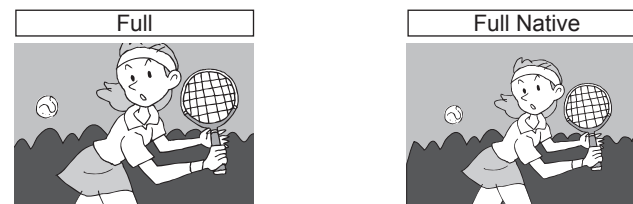
## Auto in "Zoom"

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".

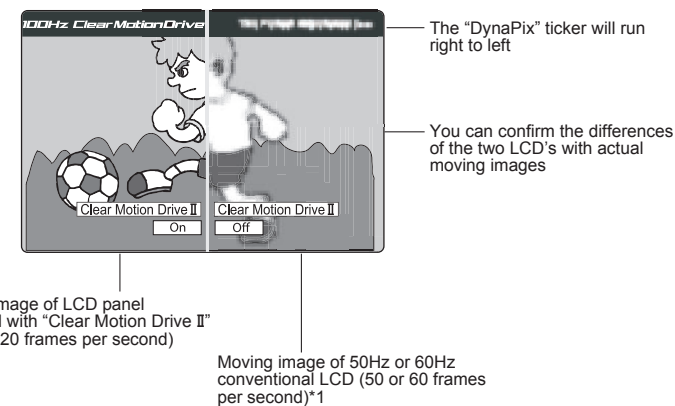
- Depending on the video, noise or dark bar may appear on the edge of the screen. → Select "Full" in "Zoom"
- You cannot change the screen size from "Full Native" when receiving the 1080p (1125p) signal.

## 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".



Moving image of LCD panel equipped with "Clear Motion Drive II" (100 or 120 frames per second)

Moving image of 50Hz or 60Hz conventional LCD (50 or 60 frames per second)\*1

\*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).



# “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.

US: The US channel numbers are the channel numbers used in the United States, Philippines, etc.  
 CCIR: The CCIR channel numbers are the channel numbers used in the Middle East, Southeast Asia, etc.  
 OIRT: The OIRT channel numbers are the channel numbers used in Eastern Europe, Russia, Vietnam, etc.  
 AUSTRALIA: The AUSTRALIA channel numbers are the channel numbers used in Australia, etc.

CH	Channel				AUSTRALIA
	US	CCIR	OIRT		
CH 02	US-02	E2	R1		AU-0
CH 03	US-03	E3			AU-1
CH 04	US-04	E4	R2		AU-2
CH 05	US-05	E5	R6		AU-6
CH 06	US-06	E6	R7		AU-7
CH 07	US-07	E7	R8		AU-8
CH 08	US-08	E8	R9		AU-9
CH 09	US-09	E9			
CH 10	US-10	E10	R10		AU-10
CH 11	US-11	E11	R11		AU-11
CH 12	US-12	E12	R12		
CH 13	US-13				
CH 14	US-14, W+29				
CH 15	US-15, W+30				
CH 16	US-16, W+31				
CH 17	US-17, W+32				
CH 18	US-18, W+33				
CH 19	US-19, W+34				
CH 20	US-20, W+35				
CH 21	US-21, W+36	E21			
CH 22	US-22, W+37	E22			
CH 23	US-23, W+38	E23			
CH 24	US-24, W+39	E24			
CH 25	US-25, W+40	E25			
CH 26	US-26, W+41	E26			
CH 27	US-27, W+42	E27			
CH 28	US-28, W+43	E28			
CH 29	US-29, W+44	E29			
CH 30	US-30, W+45	E30			
CH 31	US-31, W+46	E31			
CH 32	US-32, W+47	E32			
CH 33	US-33, W+48	E33			
CH 34	US-34, W+49	E34			
CH 35	US-35, W+50	E35			
CH 36	US-36, W+51	E36			
CH 37	US-37, W+52	E37			
CH 38	US-38, W+53	E38			
CH 39	US-39, W+54	E39			
CH 40	US-40, W+55	E40			
CH 41	US-41, W+56	E41			
CH 42	US-42, W+57	E42			
CH 43	US-43, W+58	E43			
CH 44	US-44, W+59	E44			
CH 45	US-45, W+60	E45			
CH 46	US-46, W+61	E46			
CH 47	US-47, W+62	E47			
CH 48	US-48, W+63	E48			
CH 49	US-49, W+64	E49			
CH 50	US-50, W+65	E50			
CH 51	US-51, W+66	E51			
CH 52	US-52, W+67	E52			
CH 53	US-53, W+68	E53			
CH 54	US-54, W+69	E54			
CH 55	US-55, W+70	E55			
CH 56	US-56, W+71	E56			
CH 57	US-57, W+72	E57			
CH 58	US-58, W+73	E58			
CH 59	US-59, W+74	E59			
CH 60	US-60, W+75	E60			
CH 61	US-61, W+76	E61			
CH 62	US-62, W+77	E62			
CH 63	US-63, W+78	E63			
CH 64	US-64, W+79	E64			
CH 65	US-65, W+80	E65			
CH 66	US-66, W+81	E66			
CH 67	US-67, W+82	E67			
CH 68	US-68, W+83	E68			
CH 69	US-69, W+84	E69			

CC	Channel				AUSTRALIA
	US	CCIR	OIRT		
CC 01		S-1			AU-5
CC 02		S-2			
CC 03		S-3			
CC 04		S-4			
CC 05		S-5			
CC 06		S-6			AU-5A
CC 07		S-7			
CC 08		S-8			
CC 09		S-9			
CC 10		S-10			
CC 11		S-11			
CC 12		S-12			
CC 13		S-13			
CC 14	A	S-14			
CC 15	B	S-15			
CC 16	C	S-16			
CC 17	D	S-17			
CC 18	E	S-18			
CC 19	F	S-19			
CC 20	G	S-20			
CC 21	H	S-21			
CC 22	I	S-22			
CC 23	J	S-23			
CC 24	K	S-24			
CC 25	L	S-25			
CC 26	M	S-26			
CC 27	N	S-27			
CC 28	O	S-28			
CC 29	P	S-29			
CC 30	Q	S-30			
CC 31	R	S-31			
CC 32	S	S-32			
CC 33	T	S-33			
CC 34	U	S-34			
CC 35	V	S-35			
CC 36	W	S-36			
CC 37	W+1	S-37			
CC 38	W+2	S-38			
CC 39	W+3	S-39			
CC 40	W+4	S-40			
CC 41	W+5	S-41			
CC 42	W+6				
CC 43	W+7				
CC 44	W+8				
CC 45	W+9				
CC 46	W+10				
CC 47	W+11				
CC 48	W+12				
CC 49	W+13				
CC 50	W+14				
CC 51	W+15				
CC 52	W+16				
CC 53	W+17				
CC 54	W+18				
CC 55	W+19				
CC 56	W+20				
CC 57	W+21				
CC 58	W+22				
CC 59	W+23				
CC 60	W+24				
CC 61	W+25				
CC 62	W+26				
CC 63	W+27				
CC 64	W+28				
CC 75		X			
CC 76		Y	R3		
CC 77		Z	R4		AU-3
CC 78		Z+1	R5		
CC 79		Z+2			AU-4
CC 95	A-5				
CC 96	A-4				
CC 97	A-3				
CC 98	A-2				
CC 99	A-1				

# Specifications

Main unit		
Model	LT-42GZ78	LT-47GZ78
Broadcasting systems	B / G / I / D / K / K1 / M (See “Technical information”, P. 40)	
Colour systems	PAL, SECAM, NTSC 3.58/4.43 MHz	
Channels and frequencies	VHF low channel (VL) = 46.25 to 140.25 MHz VHF high channel (VH) = 147.25 to 423.25 MHz UHF channel (U) = 431.25 to 863.25 MHz · Receives cable channels in mid band (X to Z+2, S1 to S10), super band (S11 to S20) and hyper band (S21 to S41).	
Sound-multiplex systems	NICAM (I / B / G / D / K), A2 (B / G / D / K)	
Teletext systems	FLOF (Fastext), WST (standard system)	
Power requirements	AC 110 V - 240 V, 50/60Hz	
Audio output (Rated power output)	10 W + 10 W	10 W + 10 W
Speakers	(4 cm x 16 cm) Twin Oblique x 2	(4 cm x 16 cm) Twin Oblique x 2
Power consumption [standby]	221 W [0.5 W]	280 W [0.5 W]
Screen size (visible area size measured diagonally)	106 cm	119 cm
Dimensions (W x H x D: mm) [without stand]	1007 x 707.2 x 296 [1007 x 660 x 129.1]	1121 x 773.7 x 296 [1121 x 726.5 x 129.8]
Weights [without stand]	27.0 kg [24.0 kg]	32.5 kg [29.0 kg]
Accessories	(See “Check accessories”, P. 5)	

Terminals / Connectors				
Terminal name	Terminal type	Signal type (IN)	Signal type (OUT)	Notes
VIDEO-1	RCA connectors x 6 S-VIDEO connector x 1	Composite video, S-video, Analogue component (576i (625i) / 480i (525i), Progressive : 576p (625p) / 480p (525p), HD : 720p (750p), 1080i (1125i)) AUDIO L / R		
VIDEO-2	RCA connectors x 3 S-VIDEO connector x 1	Composite video, S-video, AUDIO L / R		
Input terminals	RCA connectors x 6	Composite video, Analogue component (576i (625i) / 480i (525i), Progressive : 576p (625p) / 480p (525p), HD : 720p (750p), 1080i (1125i)) AUDIO L / R		
HDMI-1	HDMI connector x 1	HDMI (576i (625i) / 480i (525i) / 576p (625p) / 480p (525p), 720p (750p), 1080p (1125p), 1080i (1125i))		
HDMI-2				
HDMI-3				
IN HDMI-1	RCA connectors x 2	AUDIO L / R		
PC INPUT	D-SUB (15 pins) x 1	Analogue PC signal (P. 21)		
Output terminals	MONITOR OUT	RCA connectors x 3 S-VIDEO connector x 1	Composite video, S-video, Audio L / R	
	Headphone	Stereo mini-jack x 1 (3.5 mm in diameter)	Headphone output	

● We may change the design and specifications without notice.