JVC
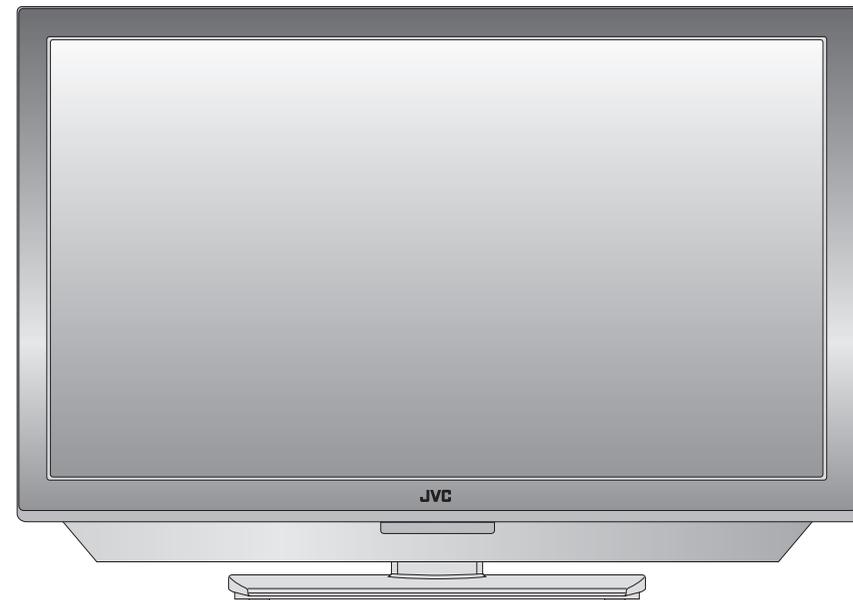
LT-42GZ78
LT-47GZ78

WIDE LCD PANEL TV   INSTRUCTIONS

JVC

DynaPiX **HD**
Powered by D.I.S.T.
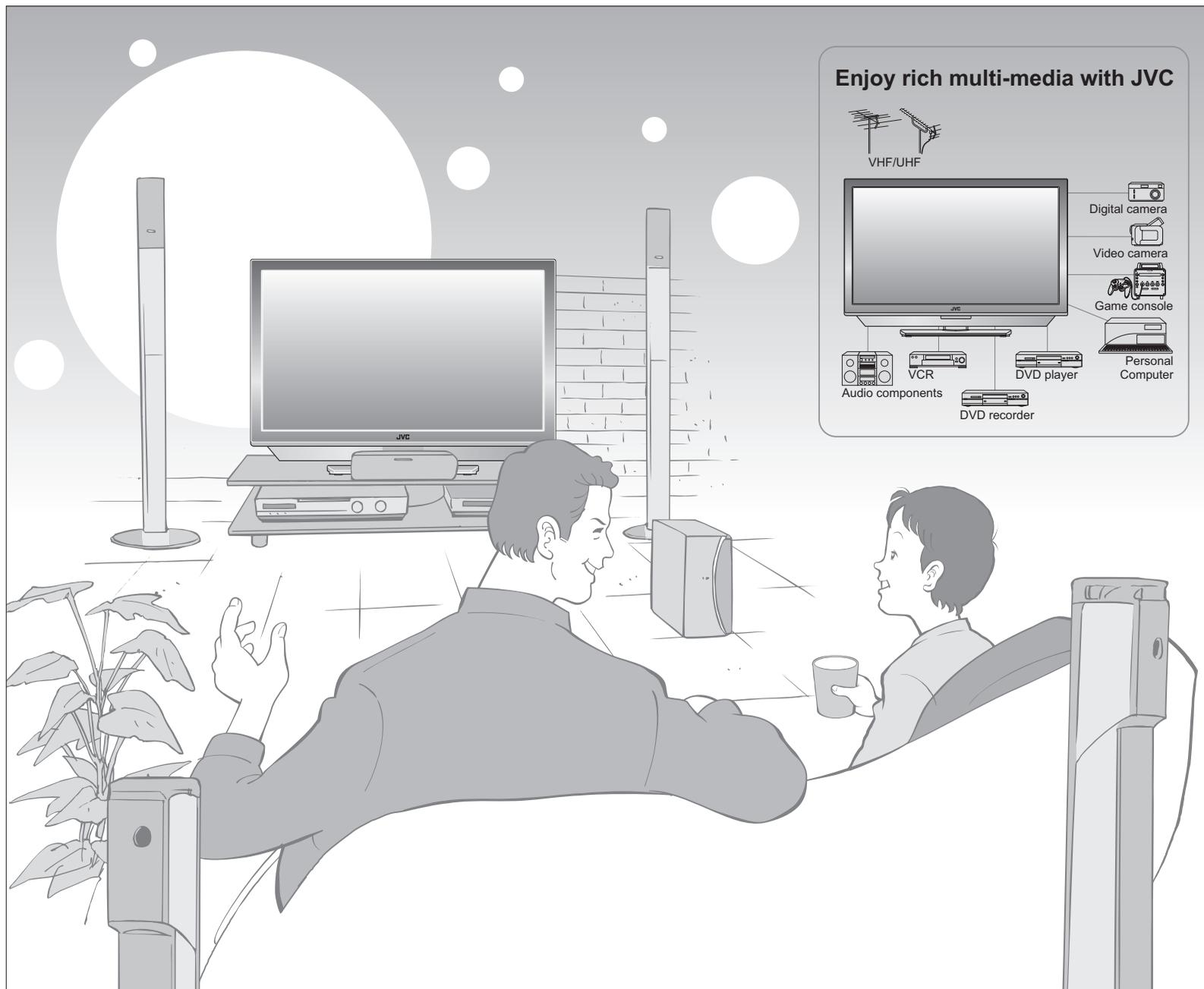
HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE
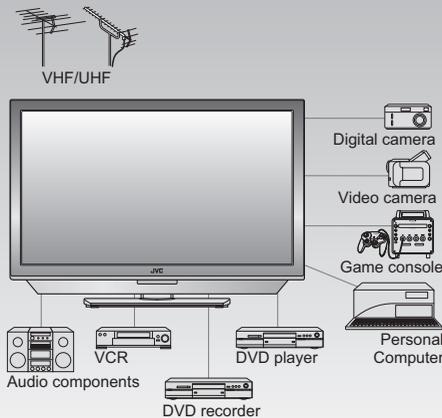
MAXX®
Audio ►

100Hz/120Hz
Clear Motion Drive II

1007WKT-CR-MT

GGT0195-001A-H

Expanding the world of   beautiful images

Enjoy rich multi-media with JVC

VHF/UHF

Digital camera

Video camera

Game console

VCR

Audio components

DVD player

DVD recorder

Personal Computer

Contents

First things first!

Getting started

Let's try it out

Try the advanced features

Just the way you like it

When you have trouble

IMPORTANT!

PREPARE

USE

SETTINGS

TROUBLE?

Warning

Please follow all the guidelines below

Follow this manual regarding setup!

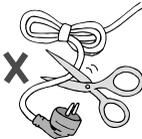● Connect only to a 110-240V, 50/60Hz AC outlet.

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.)

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.)

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.

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.

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.

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.

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

Switch between
TV / VIDEO devices

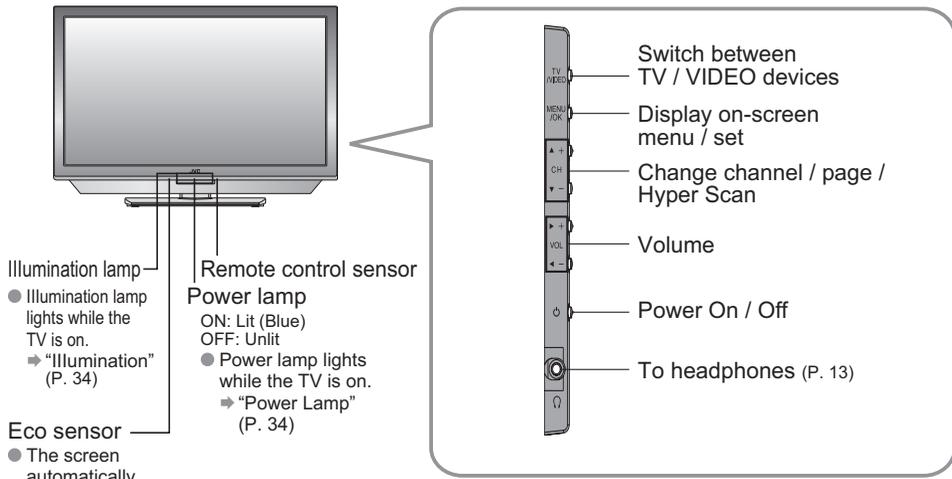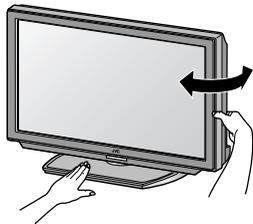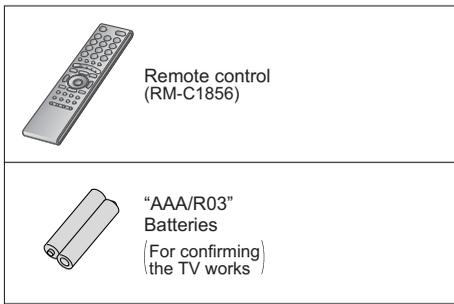Display on-screen
menu / set

Change channel / page /
Hyper Scan

Volume

Power On / Off

To headphones (P. 13)

Illumination lamp
● Illumination lamp
lights while the
TV is on.
➡ "Illumination"
(P. 34)

Remote control sensor

Power lamp
ON: Lit (Blue)
OFF: Unlit
● Power lamp lights
while the TV is on.
➡ "Power Lamp"
(P. 34)

Eco sensor
● The screen
automatically
adjust brightness.
➡ "Eco Sensor"
(P. 41)

Change the direction of TV

Check accessories

Remote control
(RM-C1856)

"AAA/R03"
Batteries
(For confirming
the TV works)

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

Mute

Power On / Off

Change channel / page

Return to channel
you want to view

To teletext (P. 19)

Colour buttons

Switch between
"TV / VCR / DVD / AUDIO" (P. 31)

Return to TV /
Watch video, etc. (P. 21)

Display on-screen menu (P. 33)

Select and
confirm settings in menus

Volume

Channel information (P. 17)

To previous screen

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 ⊞ button,
picture will change to the
desired PR.

Press and hold

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

CH ⌃
CH ⌄
Press and hold

PR changes without
changing the picture. Once
you stop press CH⌃ or CH⌄
button, picture will change to
the desired PR.

JVC
RM-C1856
TV

■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
◄◄ ► ►►
?
⬦ ⊗ ☰i
● ■ ❚❚

Switch briefly
between teletext and TV

To index page
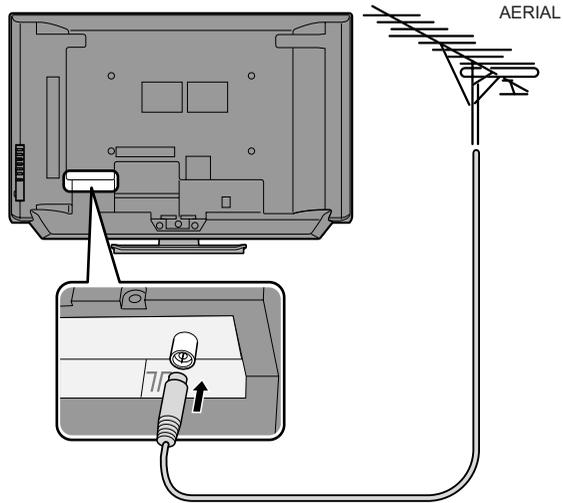
IMPORTANT!   PREPARE   USE   SETTINGS   TROUBLE?

ENGLISH

Basic connections

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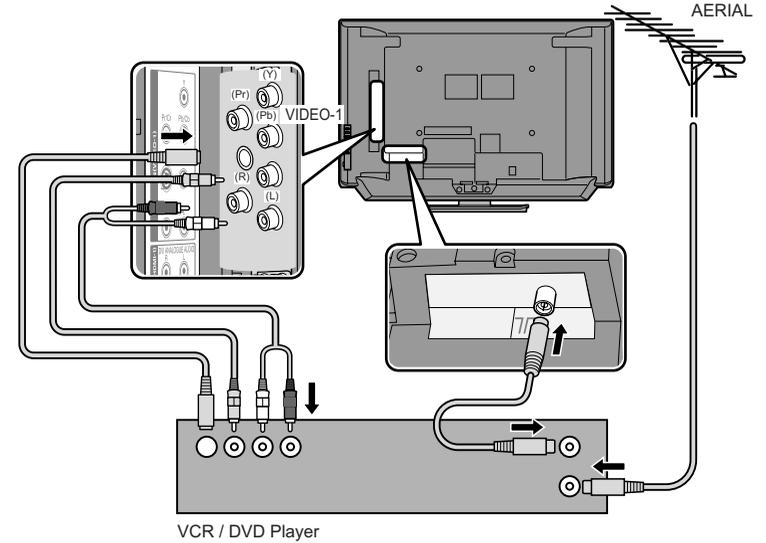It is necessary to connect an aerial to watch TV.

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

ENGLISH

ENGLISH

IMPORTANT!

PREPARE

USE

SETTINGS

TROUBLE?

Connect the aerial

AERIAL

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

Connect a VCR / DVD Player

AERIAL

(Y)
(Pr)
(Pb)   VIDEO-1
(R)
(L)

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.

200mm

150mm 50mm   150mm   50mm
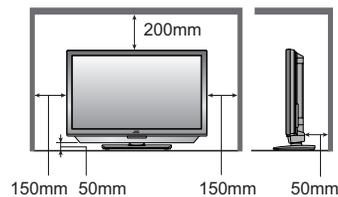
Tidying the cables

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).

ENGLISH

IMPORTANT!

PREPARE

USE

SETTINGS

TROUBLE?

1 Begin

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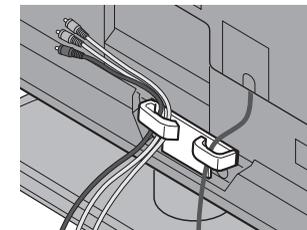- The power on the unit can also be used.

■The remote control doesn't work

- Confirm the mode is set to "TV".

2 Select a language

> Language
English
فارسی
Français
Русский
中 文（简体）
中 文（繁體）
ไทย
Tiếng Việt
українська
Castellano

①select

②set

3 Select the teletext language group

> Teletext Language
Group-1
Group-2
Group-3
Group-4
Group-5

select

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

TV
MENU
BACK

4 Automatically register channels

> Auto Program
CH 28
14%

5 Check what was registered

> Edit
DB   ID   CH/CC
AV
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
  ➡ ❹ 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)

JVC
RM-C1856
TV

Editing channels

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

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

1 Display the menu bar

MENU

2 Select "Set Up"

Set Up

① select
② next

3 Select "Edit / Manual"

Set Up
Auto Program
Edit/Manual
Language
Video-1 Setting   Video
Video-3 Setting   Video
Teletext Language
HDMI Setting
PC Position
Auto Demonstration   On

① select
② next

4 Select a row

> Edit
PR | ID | CH/CC
AV
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

■To the previous screen
➡ BACK

■Exit
➡ MENU

5 Edit

6 Finish

JVC
RM-C1856
TV

Move a channel's position
MOVE

①Begin   ②Select a destination   ③Finish

move out   select   move in

Edit a channel name
ID

①Begin (red)   ②Enter a channel name

①enter the first character
②next column

set

Insert a channel
INSERT

①Begin (green)   ②Select a "CH / CC"   ③Enter a number

select

● "CH/CC" List ➡ (P. 43)

● Receives the broadcast signal.

Delete a channel
DELETE

①Delete (yellow)

Register a new channel
MANUAL

①Begin (blue)   ②Beginning channel search   From high frequencies (red)   From low frequencies (green)

or

● 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)

③Set

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

■Adjust

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

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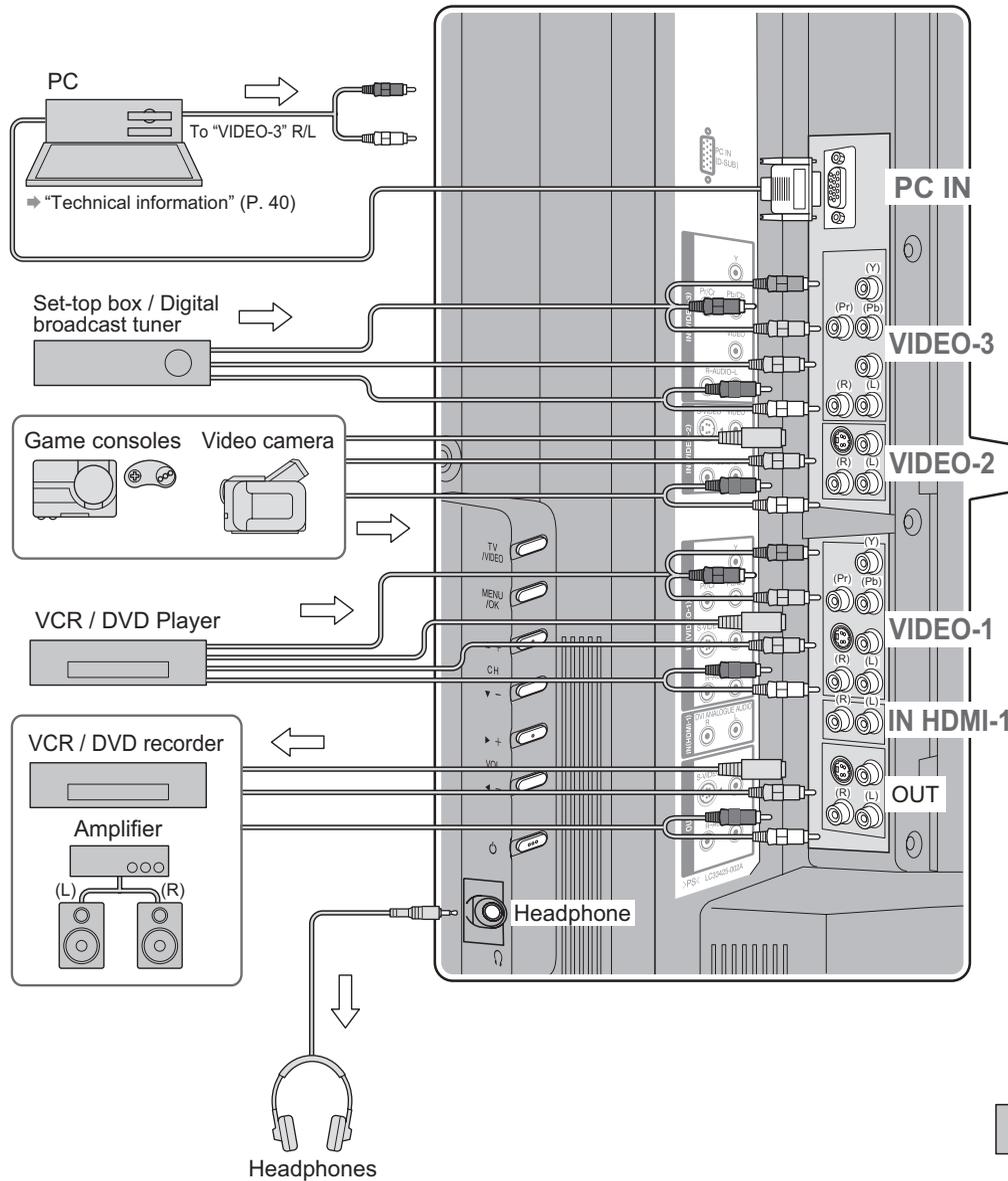

ENGLISH

IMPORTANT!

PREPARE

USE

SETTINGS

TROUBLE?

11   12

Connecting external devices
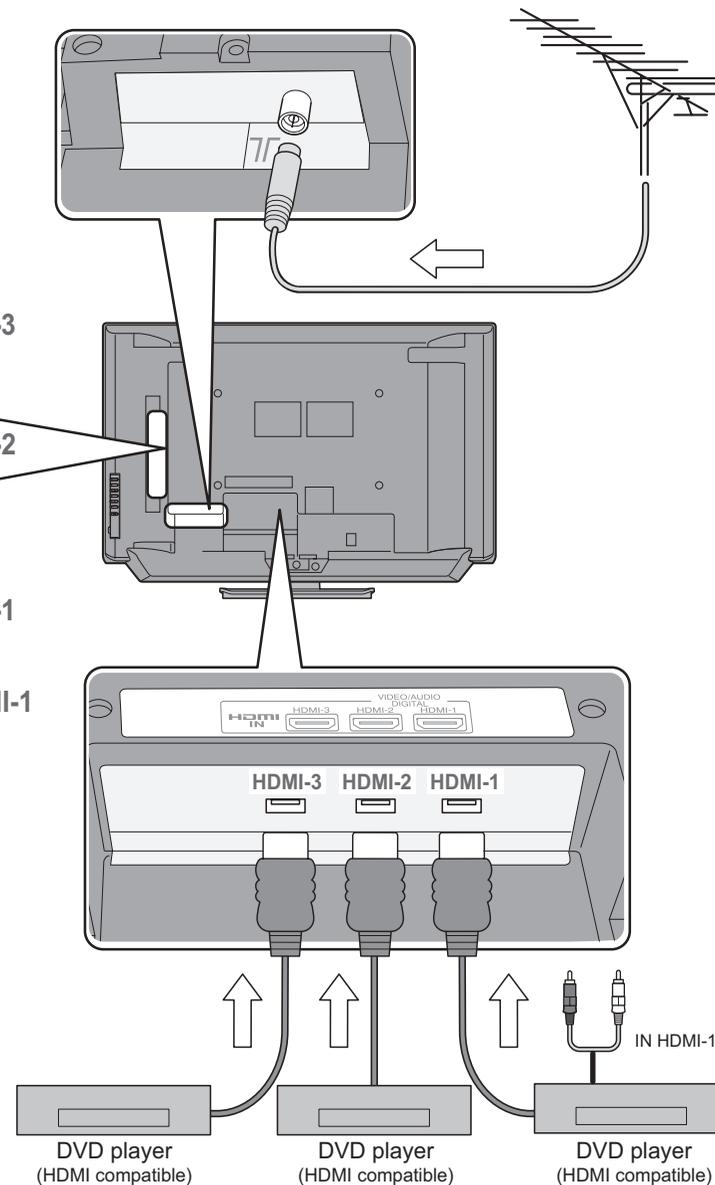
VCR / DVD / other devices

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.)

⇨ : signal direction

PC

To "VIDEO-3" R/L

➡ "Technical information" (P. 40)

Set-top box / Digital broadcast tuner

PC IN

VIDEO-3

Game consoles   Video camera

VIDEO-2

VCR / DVD Player

VIDEO-1

IN HDMI-1

VCR / DVD recorder

OUT

Amplifier

(L)   (R)

Headphone

Headphones

HDMI-3   HDMI-2   HDMI-1

VIDEO/AUDIO DIGITAL
HDMI IN   HDMI-3   HDMI-2   HDMI-1

IN HDMI-1

DVD player
(HDMI compatible)

DVD player
(HDMI compatible)

DVD player
(HDMI compatible)

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 Connecting HDMI devices
HDMI-3

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)

IMPORTANT! PREPARE USE SETTINGS TROUBLE?

13   14

Enjoying your new TV!

Watching TV

PAGE **17**
- ■ View channel information
- ■ Change the aspect ratio
- ■ Register your favourite channels
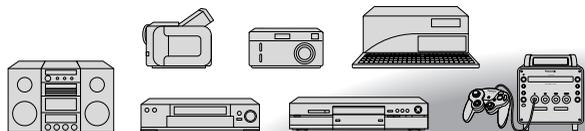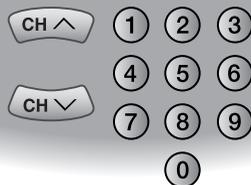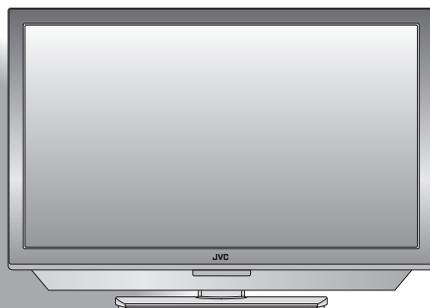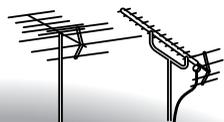
Watching videos / DVDs

PAGE **21**
- ■ Watch high quality video (S-VIDEO) [TV/VIDEO]
- ■ Switch between video and component signal
- ■ PC position adjustment

TV mode   TV and Text mode

TEXT
TEXT

Text mode
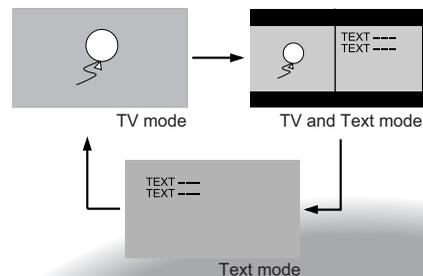
Viewing teletext

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

PAGE **33**

[MENU]   Customising your TV

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

JVC
RM-C1856
TV

Watching TV

ENGLISH

IMPORTANT!

PREPARE

USE

SETTINGS

TROUBLE?

■Mute

■Volume
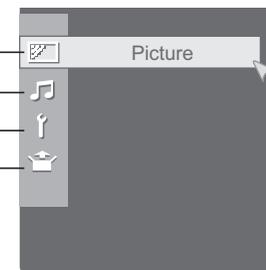
① Set to "TV"

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

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 ∨ —down

■Switch between mono / stereo / bilingual broadcasting
➡ "Stereo / I·II" (P. 34)

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

JVC
RM-C1856
TV

Basic operations using the side buttons

① ⏻ Power on

② ▲ + CHANNEL ▼ - Change the channel

■Volume

TV/VIDEO
MENU/OK
CH
VOL
⏻

Channel information
DISPLAY

TOP MENU
DISPLAY

PR List
AV
01
02
03
04
05
06
07
08
09

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

Channel information

(No indication)

■Select a page ➡ select

■Select and view a channel ➡ ①select ②view

Change the aspect ratio
ZOOM

ZOOM

Zoom
Auto   Panoramic
Regular
Panoramic
14:9 Zoom
16:9 Zoom
16:9 Zoom Subtitle
Full
Full Native

①select
②set

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+

23

34

Current channel   Last channel

Viewing teletext

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

1

When watching TV

2 Enter a teletext page

1 2 3
4 5 6
7 8 9
0

■Move up or down a page

CH∧ — up

CH∨ — down

TV   TEXT

TEXT ---
TEXT ---

TEXT

TEXT ---
TEXT ---

■View sub-pages

OK → to sub-page

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

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

⊞ Hold the current page

■Release ➡ Press "⊞" again

Reveal hidden pages
REVEAL

? Display hidden information (answers to quizzes, etc.)

1 + 2 =
2 x 3 =
↔
1 + 2 = 3
2 x 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.

JVC
RM-C1896
TV

Watching videos / DVDs

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

TV/VIDEO
MENU/OK
CH
VOL

PC position adjustment

1 MENU Display the menu bar

2 Select "Set Up"   Select "PC Position"

Set Up

① select
② next

Auto Program
Edit/Manual
Language
Video-1 Setting   Video
Video-3 Setting   Video
Teletext Language
HDMI Setting
PC Position
Auto Demonstration   On

① select
② next

● Shown only when "PC" is selected.

3 > PC Position

① adjust   ● Reset position ➡ ○ (blue)
② set

21

Switch between video and component signal

1 Display the menu bar

MENU

2 Select "Set Up"

Set Up

① select
② next

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

Set Up

Auto Program
Edit/Manual
Language
Video-1 Setting
Video-3 Setting   Video
Teletext Language
HDMI Setting
PC Position
Auto Demonstration   On

① select

4 Change settings

Video

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.

22

Useful functions

## Take snapshots of the screen
`FREEZE`

Current programme

Still picture

■Cancel
➡ Press "♫" again, or change the channel

● Not available when the SUB-PICTURE is displayed, or when in PC mode.
● You cannot save or export the snapshot.

Watch in multi-picture mode
`MULTI-PICTURE`

Select the number of screens
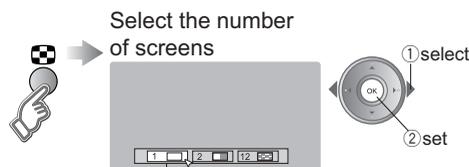
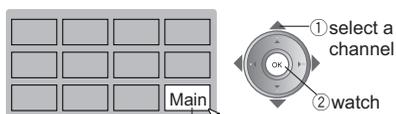①select
②set

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)
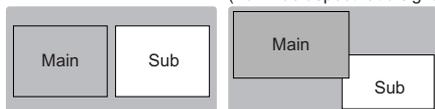
| Main | Sub |

| Main |
| Sub |

● Switch between the sound sources
➡♫

● Change the channel
➡ (Main) CH∧ CH∨
➡ (Sub)

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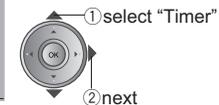
Main

①select a channel
②watch

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.

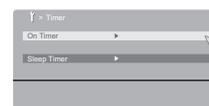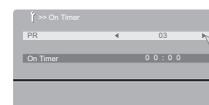## Set a time for the TV to turn itself on
`ON TIMER`

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

2
Features

Timer	
Channel Guard	
Appearance	Type A
Blue Back	On
Child Lock	On
Auto Shutoff	On
Favourite Setting	
Illumination	Off
Power Lamp	On
Eco Sensor	On

①select "Timer"
②next

3
> Timer
On Timer
Sleep Timer

①select "On Timer"

4
>> On Timer
PR   03
On Timer   0 0 : 0 0

①select PR Channel

5
>> On Timer
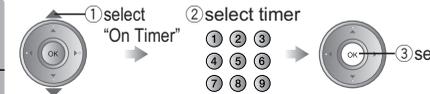PR   01
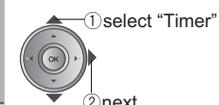On Timer   0 0 : 0 0

①select "On Timer"
②select timer
③set

■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 "(blue)" 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
Features

Timer	
Channel Guard	
Appearance	Type A
Blue Back	On
Child Lock	On
Auto Shutoff	On
Favourite Setting	
Illumination	Off
Power Lamp	On
Eco Sensor	On

①select "Timer"
②next

3
> Timer
On Timer
Sleep Timer

①select "Sleep Timer"
②set

4
>> Sleep Timer
Off   0   120

①select a time in minutes
②set
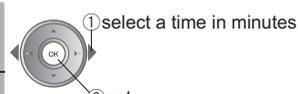
■Cancel ➡ Set the time to "0" in step 4
■Remaining time ➡ You can confirm the remaining time at step 4, after repeating this process.

JVC
RM-C1856
TV

Useful functions (continued)

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

2
```
Features
Timer                        ▶
Channel Guard
Appearance          Type A
Blue Back           On
Child Lock          On
Auto Shutoff        On
Favourite Setting   ▶
Illumination        Off
Power Lamp          On
Eco Sensor          On
```
select "Channel Guard"

3
```
> Set ID No.
○⌐  ▯040
```
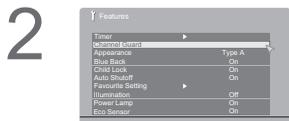
① enter an "ID No."
(a secret number of your choice)
② to the next column
③ set

4
```
>> Channel Guard
PR   ID              CH/CC
AV
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 a channel to lock

5 (blue)
```
>> Channel Guard
PR   ID              CH/CC
AV
01                   CH   21
02                   CH   22
03                   CH   23
04                   CH   24
05                   CH   25
06                   CC   02
07                   CC   03
```

■ Lock more channels
➡ Repeat steps 4 and 5

6

Stop children from watching specific channels
CHANNEL GUARD

■ Release a channel ➡ Press " ○ " again in step 5 (blue)
■ View a locked channel ➡ Use the numerical buttons to enter the channel number. When 🔒 appears, press "DISPLAY (TOP MENU)" and enter your "ID No.". (If you forget your "ID No.", check it in step 3.)

JVC
RM-C1856
TV

IMPORTANT!
PREPARE
USE
SETTINGS
TROUBLE?

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

2
```
Features
Timer                        ▶
Channel Guard
Appearance          Type A
Blue Back           On
Child Lock          On
Auto Shutoff        On
Favourite Setting   ▶
Illumination        Off
Power Lamp          On
Eco Sensor          On
```

① select "Eco Sensor"
② select "On", "Demo", or "Off"
③ set
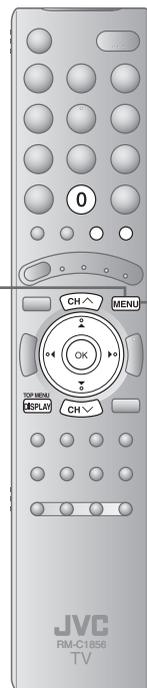
Automatically adjust light and dark according to the brightness of your room
ECO SENSOR

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

➡ "MENU" ➡ " ○ (yellow) " ➡ "Demo Mode"

```
Demo Mode
   Demo 1
   Demo 2
   Demo 3
```

"Demo 1"
Super DigiPure
On   Off

"Demo 2"
MaxxAudio
On

"Demo 3"
100Hz Clear Motion Drive
Clear Motion Drive Ⅱ   Clear Motion Drive Ⅱ
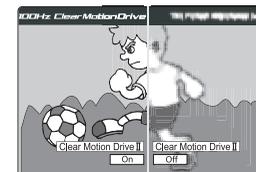On   Off

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

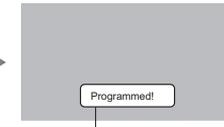**Confirm the effect of Super DigiPure, MaxxAudio and Clear Motion Drive Ⅱ**
DEMO MODE

Useful functions (continued)

1 While the channel is displayed

Hold down for 3 seconds

📖 Set   1 - 4?

2 Press the number to register it on

① ② ③ ④

Programmed!

Disappears after a few seconds

■Recall the favourite channel

1

📖 Favourite 1 - 4?

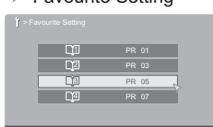**Register a channel to a button**
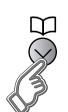
FAVOURITE
CHANNEL

2 Press the number you registered

📖1 12

① ② ③ ④

● 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
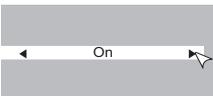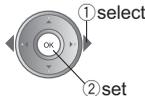
1 ➡ "MENU" ➡ "⚙" ➡ "Features"
➡ "Favourite Setting"

⚙ > Favourite Setting

📖 PR 01
📖 PR 03
📖 PR 05
📖 PR 07

select

OK

2 delete
(blue)

⚙ > Favourite Setting

📖 PR 01
📖 PR 03
📖
📖 PR 07

➡ "MENU" ➡ "⚙" ➡ "Features" ➡ "Blue Back"

On

①select

OK

②set

Off	On
: Function is turned off	: Displays a blue screen

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

BLUE BACK

12

12

When the signal is weak or absent

Displays a blue screen and mute the sound

➡ "MENU" ➡ "⚙" ➡ "Features" ➡ "Auto Shutoff"

On

①select

OK

②set

Off	On
: Function is turned off	: Set the power to turn off

Set the power to turn off if no signal is received and no operation is performed
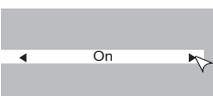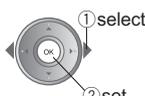
AUTO
SHUTOFF
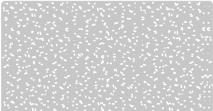
When no signal is received and no operation is performed for about 15 minutes

The power turns off

JVC
RM-C1856
TV

CH ∧
MENU
OK
TOP MENU
DISPLAY
CH ∨

IMPORTANT!

PREPARE

USE

SETTINGS

TROUBLE?

Useful functions (continued)

1 MaxxAudio

Sound	
Stereo / Ⅰ · Ⅱ	
MaxxAudio	Off
MaxxBass	
MaxxTreble	
MaxxStereo	
MaxxVolume	On
Balance	
Voice Enhancer	On

2 select

Off ➤ Low ➤ Mid ➤ High

3 select

Sound	
Stereo / Ⅰ · Ⅱ	
MaxxAudio	Off
MaxxBass	
MaxxTreble	
MaxxStereo	
MaxxVolume	On
Balance	
Voice Enhancer	On

4 adjust
● Adjustments to the four sound features of the selected preset "MaxxAudio" to your liking.
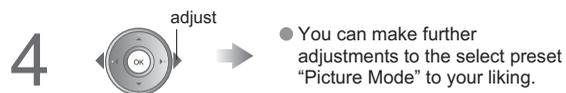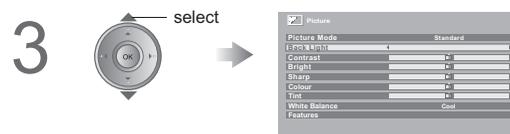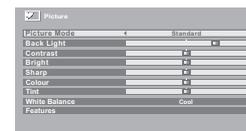
Enjoy the sound setting that you like

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.).

(blue)

● To return to the default settings

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

(remote control: JVC RM-C1856 TV, buttons CH, MENU, OK, TOP MENU/DISPLAY, MaxxAudio)

1 ➡ "MENU" ➡ "▦" ➡ "Picture Mode"

Picture	
Picture Mode	Standard
Back Light	
Contrast	
Bright	
Sharp	
Colour	
Tint	
White Balance	Cool
Features	

2 select

Bright ➡ Standard ➡ Soft

3 select

Picture	
Picture Mode	Standard
Back Light	
Contrast	
Bright	
Sharp	
Colour	
Tint	
White Balance	Cool
Features	

4 adjust
● You can make further adjustments to the select preset "Picture Mode" to your liking.

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)

(blue)

● To return to the default adjustments

Operate JVC recorders and other devices

ENGLISH

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

Select a device

VCRs
DVD recorders
HDD recorders

Home theatre system

MODE TV VCR/DVR DVD AUDIO

TV (P. 6)   DVD players

TV → VCR/DVR → DVD → AUDIO → TV

● 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.
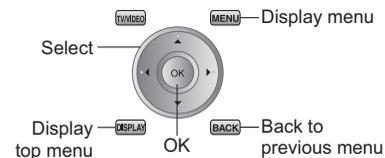● JVC DVD recorders and HDD recorders are set to code "C" or "3" by default.

Note
● If the battery is removed, the remote control code reverts back to code A or 1.
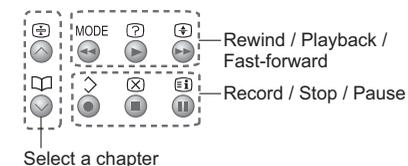
31

ENGLISH   IMPORTANT! PREPARE USE SETTINGS TROUBLE?

Operate the VCR, DVD recorder or HDD recorder
VCR/DVR

■ Operate DVD / HDD recorder menus

Select
Display menu
Display top menu
OK
Back to previous menu

■ Playback / Record etc.

Rewind / Playback / Fast-forward
Record / Stop / Pause
Select a chapter

Operate the DVD player
DVD

■ Operate DVD menus

Select
Display menu
Display top menu
OK
Back to previous menu

■ Playback etc.

Rewind / Playback / Fast-forward
Stop / Pause
Select a chapter
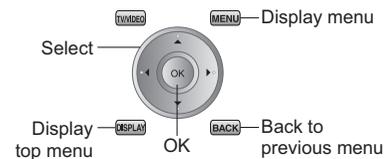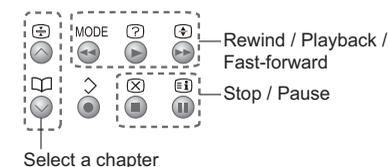
Operate the home theatre system
AUDIO

■ Operate AUDIO menus

Select
Display menu
Display top menu
OK
Back to previous menu
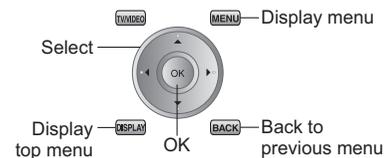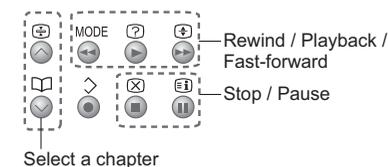
■ Mute ➡ Press " "
■ Volume ➡ Press " "
■ Select a surround mode ➡ Press " MaxxAudio "

■ Playback etc.

Rewind / Playback / Fast-forward
Stop / Pause
Select a chapter

32

Customising your TV

1 Display the menu bar

MENU

Selected menu's title

Picture
Sound
Features
Set Up

Picture

2 Select a menu

①select

②next

3 Select an item

select

Picture

Picture Mode ◄ Standard ►
Back Light
Contrast
Bright
Sharp
Colour
Tint
White Balance Cool
Features ►
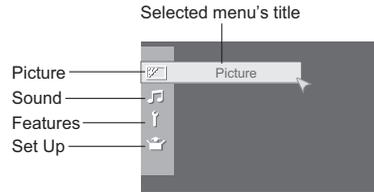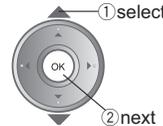
Items

■To the previous screen
➡ BACK
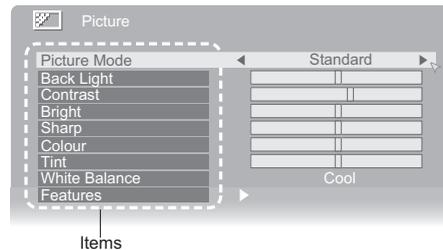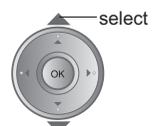
4 Adjust / Configure

①adjust / select

②set

Picture Mode ◄ Standard ►
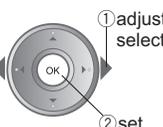
■Exit
➡ MENU

● The menu disappears after one minute of inactivity.

■When adjusting with the sliding-bar

①adjust

②set

Move

■When selecting from presets

①select

②set

◄ Standard ►

The item will change.

● Some items have a sub-menu.

JVC
RM-C1856
TV

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	Mode / Language (O : MONO / OO : STEREO / I : SUB1 / II : SUB2 / MONO)
	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)
	Voice Enhancer	Sound enhancement technology (On / Off)
Features	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)
	Eco Sensor	Automatically adjust contrast of light and dark according to the brightness of your room (Off / On / Demo) (P. 26)
Set Up	Auto Program	Automatically registers channels (P. 10, ❹)
	Edit / Manual	Change registered channels or add new ones (P. 11)
	Language	Select a language for on-screen menus (P. 10, ❷)
	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, ❸)
	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.

Advanced picture adjustment

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

1 Display the menu bar

MENU

2 Select "Picture"

Picture

① select
② next

3 Select "Features"

Picture

Picture Mode	Standard
Back Light	
Contrast	
Bright	
Sharp	
Colour	
Tint	
White Balance	Cool
Features	

① select
② next

4 Select an item

> Features

Super DigiPure	Auto
Pull Down	On
Colour Management	On
Picture Management	On
Smart Picture	On
MPEG Noise Reduction	On
Colour System	
Zoom	

E.g. "Super DigiPure"

① select
② next

■To the previous screen
➡ BACK

■Exit
➡ MENU

● The menu disappears after one minute of inactivity.

5 Change settings

| Super DigiPure | Auto |

select

E.g. "Super DigiPure"

6 Finish

OK

JVC
RM-C1656
TV

| **Super DigiPure** | For natural-looking outlines | ◄ Auto ► | **Off**
: Function is turned off | **Min**
: When the picture loses sharpness | **Max**
: When noise appears | **Auto**
: Automatically adjusts |

| **Pull Down** | For smooth cinema film | ◄ Auto ► | **Off**
: Function is turned off | **On**
: Function is always on | **Auto**
: Automatically adjusts | |

| **Colour Management** | For natural-looking pictures | ◄ On ► | **Off**
: Function is turned off | **On**
: Maintain a natural colour balance | | |

| **Picture Management** | Fix bright / dark pictures | ◄ On ► | **Off**
: Function is turned off | **On**
: Make it easier to view bright / dark pictures | | |

| **Smart Picture** | Fix brightness of white areas | ◄ On ► | **Off**
: Function is turned off | **On**
: 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 | ◄ On ► | **Off**
: Function is turned off | **On**
: When noise appers | | |

Colour System

When there is no colour

>> Colour System

| Main | ◄ Auto ► |
| Sub | PAL |

① Select the screen to change settings on

| **Main** | **Sub** |
| : Main picture | : Sub-picture in MULTI-PICTURE mode (P. 23) |

② Select the colour system

| PAL | SECAM | NTSC 3.58 | NTSC 4.43 | Auto |

● For colour system in your country or region.
➡ "Colour system in your country or region" (P. 40)

Zoom

Set a default aspect ratio

>> Zoom

Auto	Panoramic
Regular	
Panoramic	
14:9 Zoom	
16:9 Zoom	
16:9 Zoom Subtitle	
Full	
Full Native	

Select a default aspect ratio for Auto in "Zoom" (P. 17)

| **Panoramic** | **Regular** | **14:9 Zoom** |
| 16 : 9 | 4 : 3 | 14 : 9 |

Troubleshooting

Severe noise or snow

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

Patterns, stripes or noise


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

Ghosting
(Doubling of images)

● Are you receiving interference from signals reflected off mountains or buildings?
 ➡ Adjust the direction of your aerial, or change to a good-quality directional aerial
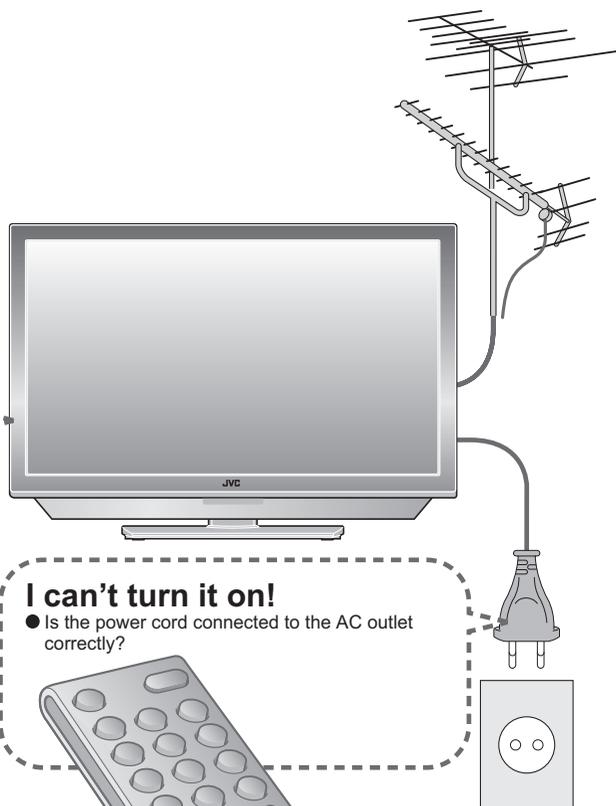
I can't turn it on!
● Is the power cord connected to the AC outlet correctly?

The remote control doesn't work!
● Are the batteries flat?
● Are you more than 7 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. Noise >>> Set to the following functions. Picture Mode : Standard Super DigiPure : Max Dull picture >>> Set to the following functions. Picture Mode : Bright Super DigiPure : Min	34 36 34 36 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

IMPORTANT!
PREPARE
USE
SETTINGS
TROUBLE?

Troubleshooting (continued)

Problem	Actions	page

Sound

| Poor sound | ● 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 |

HDMI

Wrong screen size	● Switch "Size" in "HDMI Setting" to "1" or "2".	34
No picture, no sound	● Use the cable marked with HDMI logo. HDMI	–
No sound	● 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	● Wait a little for the signal to stabilize when switching the signal format for an "HDMI" device.	–

Functions

| Some functions do not work | ● It is not a malfunction. Some functions (dark background) in the menu do not work depending on the situation. | – |
| Some inputs cannot be selected in the sub-picture | ● "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. | – |

Screen

| Black or white dots appear on the screen | ● 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. | – |

OUT terminal

| No picture, no sound | ● Some inputs does not output from OUT terminal | 22 |

Technical information

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.	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	
	Egypt, Morocco, etc.		SECAM

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

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

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)

Eco Sensor ⬯⬯⬮⬮⬮⬮

Dark   Light
⬯⬯⬯⬯⬯⬯   ⬯⬮⬮⬮⬮⬮
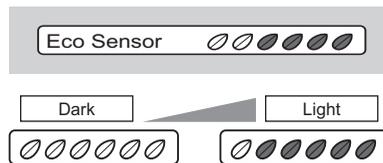
What is "HDMI CEC"?

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.

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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 veiwing on "Full".
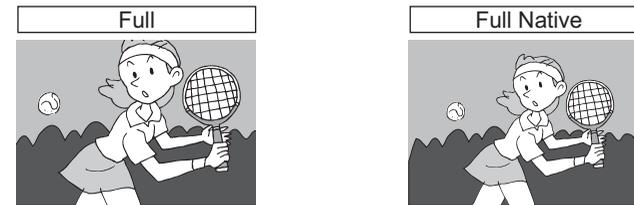
Full   Full Native

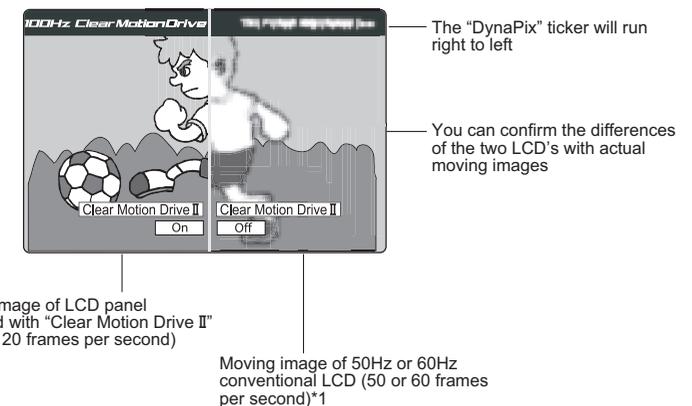* The illustrations are emphasized to make clear differences between "Full" and "Full Native".

● 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".

100Hz ClearMotionDrive

Clear Motion Drive Ⅱ   Clear Motion Drive Ⅱ
On   Off

The "DynaPix" ticker will run right to left

You can confirm the differences of the two LCD's with actual moving images

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).

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"CH/CC" List

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

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	US	CCIR	OIRT	AUSTRALIA
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	US	CCIR	OIRT	AUSTRALIA
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
Input terminals	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		
	VIDEO-3	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.