

JVC

LT-42DG8BJ
LT-37DG8BJ
LT-32DG8BJ

WIDE LCD PANEL TV

INSTRUCTIONS

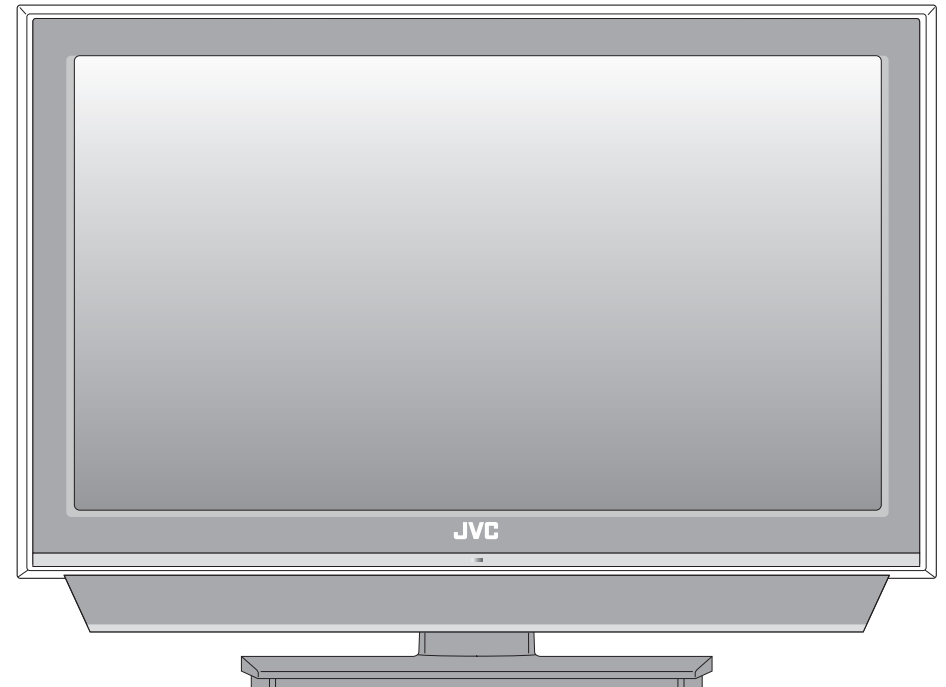
JVC

For users in the UK :

If you have any problems setting up your new TV, please call the **JVC** Helpline on **0870 330 5000**.

For users in the Republic of Ireland :

If you have any problems setting up your new TV, please call the **JVC** Helpline on **1890-582500**.



HD
ready

HDMI
HIGH-DEFINITION MULTIMEDIA INTERFACE

DynaPiX Plus
Powered by D.L.S.T.

T-V LINK

MAXX
Bass

DVB
Digital Video
Broadcasting

Trade Mark of the DVB Digital Video Broadcasting
Project (1991 to 1996) Number : 4584, 4585, 4586



Dear Customer,

This apparatus is in conformance with the valid European directives and standards regarding electromagnetic compatibility and electrical safety.

European representative of Victor Company of Japan, Limited is:
JVC Technology Centre Europe GmbH
Postfach 10 05 52
61145 Friedberg
Germany

Information for Users on Disposal of Old Equipment



Attention:

This symbol is only valid in the European Union.

[European Union]

This symbol indicates that the electrical and electronic equipment should not be disposed as general household waste at its end-of-life. Instead, the product should be handed over to the applicable collection point for the recycling of electrical and electronic equipment for proper treatment, recovery and recycling in accordance with your national legislation.

By disposing of this product correctly, you will help to conserve natural resources and will help prevent potential negative effects on the environment and human health which could otherwise be caused by inappropriate waste handling of this product. For more information about collection point and recycling of this product, please contact your local municipal office, your household waste disposal service or the shop where you purchased the product.

Penalties may be applicable for incorrect disposal of this waste, in accordance with national legislation.

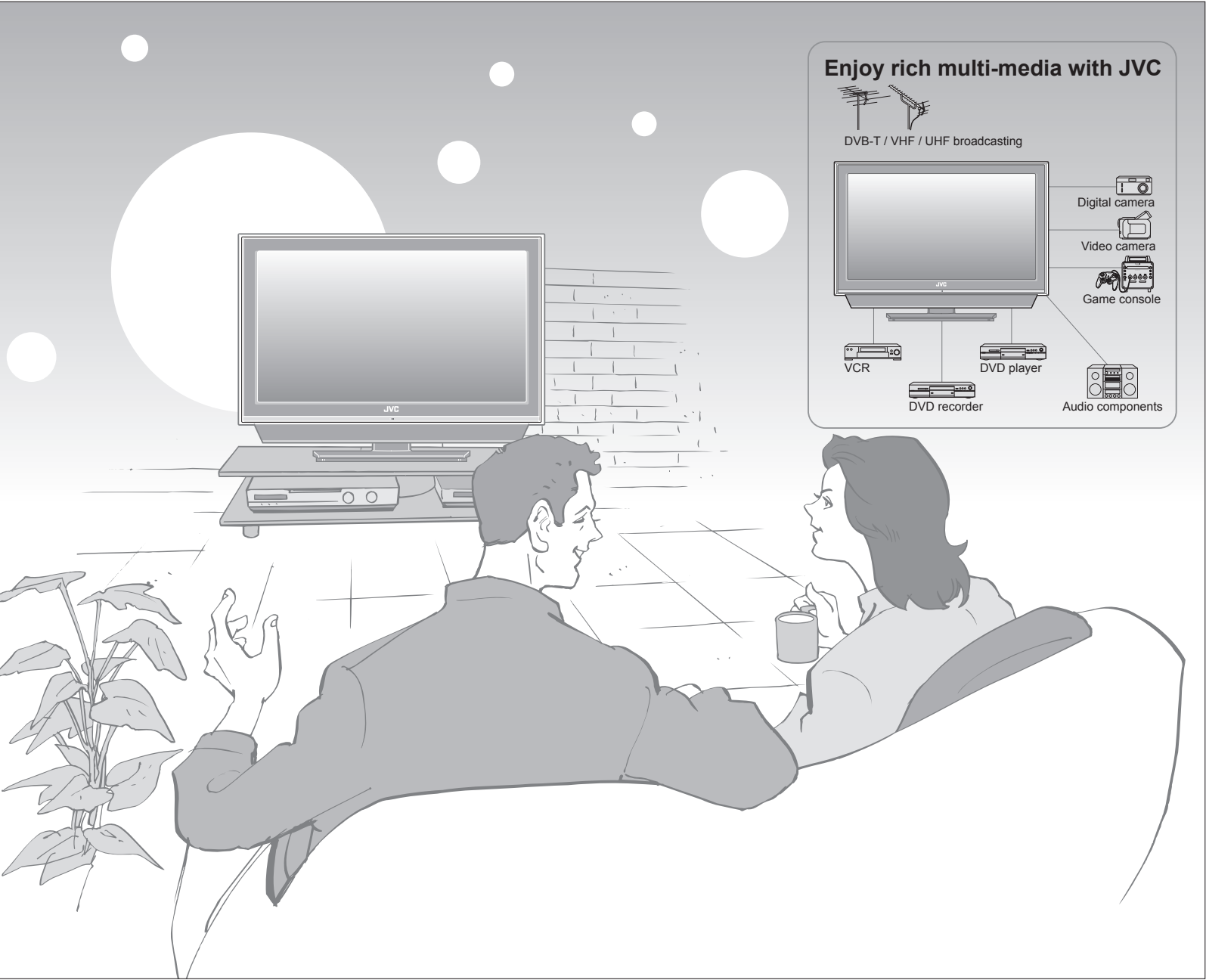
(Business users)

If you wish to dispose of this product, please visit our web page www.jvc-europe.com to obtain information about the take-back of the product.

[Other Countries outside the European Union]

If you wish to dispose of this product, please do so in accordance with applicable national legislation or other rules in your country for the treatment of old electrical and electronic equipment.

Expanding the world of beautiful images



Digital terrestrial broadcasting (DVB-T)
➤ Digital channels
Analogue terrestrial broadcasting (VHF / UHF) and analogue cable TV
➤ Analogue channels

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First things first!

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IMPORTANT!

PREPARE

USE

SETTINGS

TROUBLE?

Warning

Please follow all the guidelines below

Follow this manual regarding setup!

- Connect only to a 220-240V, 50Hz AC outlet.

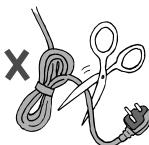
Make enough room for inserting and removing the power plug!

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.

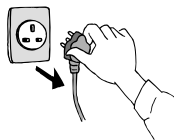
Never cut or damage the power cord!

- If the power 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.)
- If you have cut or damaged the power cord.
 - ➔ "Technical information" (P. 54)
- To change the fuse in UK plugs
 - ➔ "Technical information" (P. 54)



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

On disposal of the TV!

- Follow the instruction in "Information for Users on Disposal of Old Equipment" (P. i).



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.

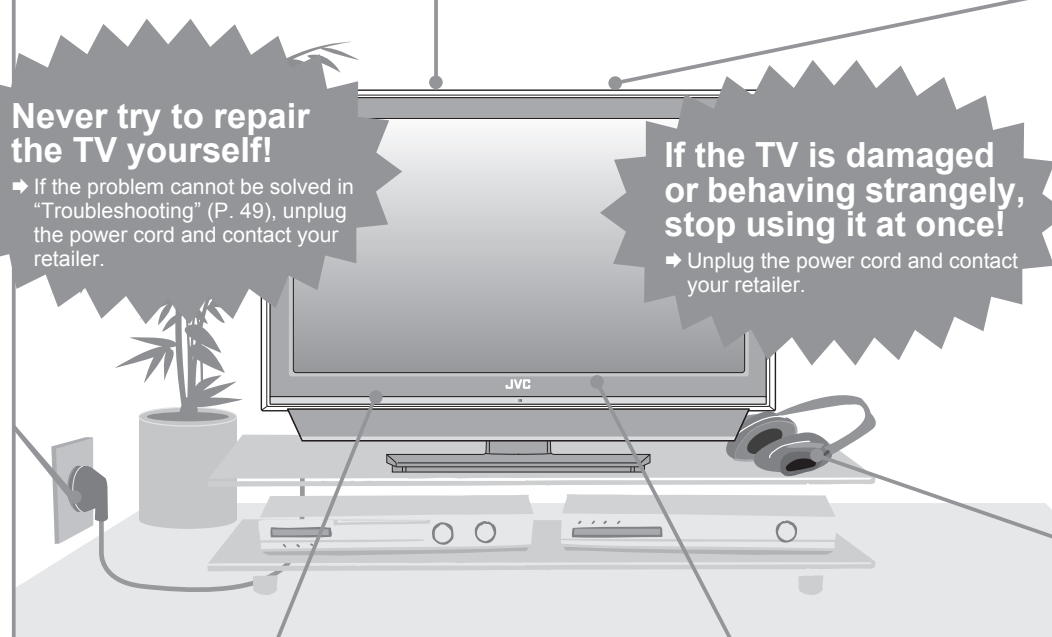


Never listen to headphones at high volume!

- It may damage your hearing.

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

- ➔ Unplug the power cord and contact your retailer.



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

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

Never dismantle the rear panel!

- It may cause an electric shock.

Never obstruct the ventilation holes!

- It may cause overheating or a fire.

Handle LCD panel with care!

- Use a soft, dry cloth when cleaning.

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

IMPORTANT!

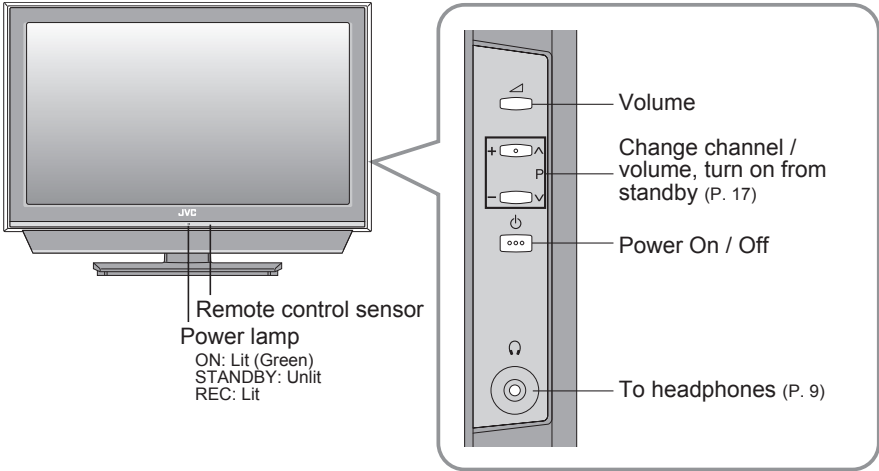
PREPARE

USE

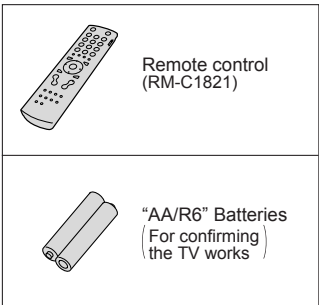
SETTINGS

TROUBLE?

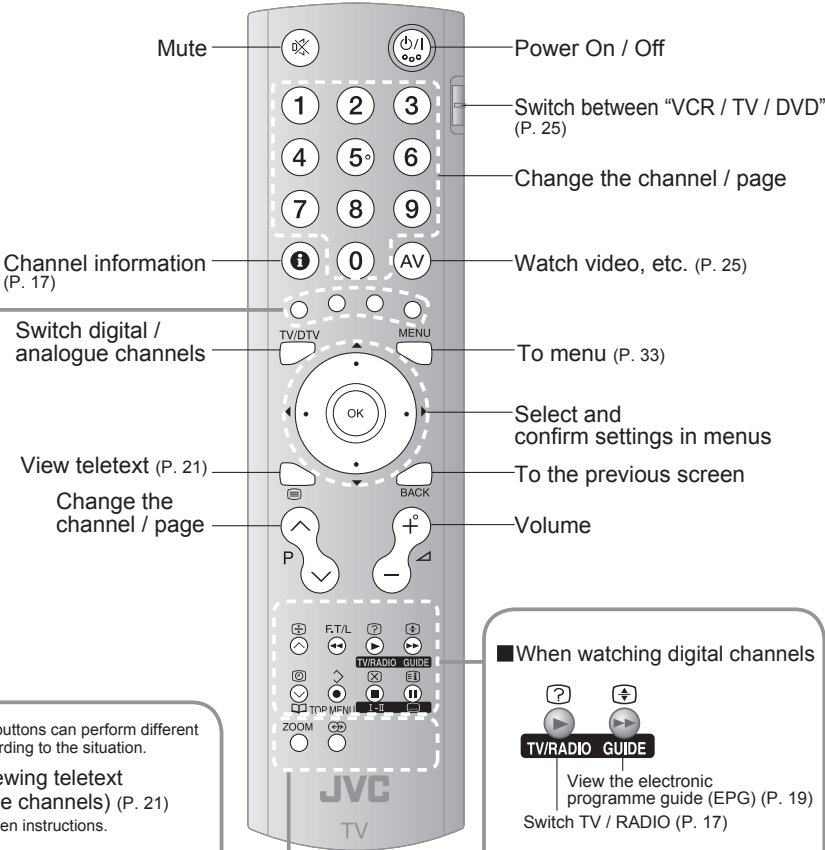
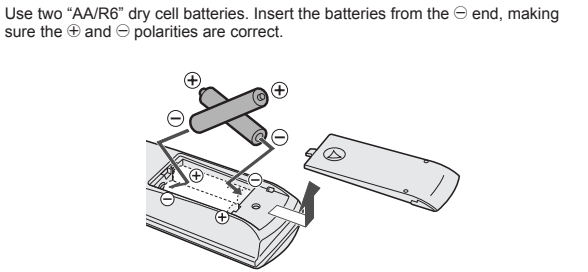
Names of all the parts



Check accessories



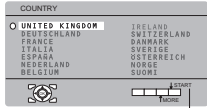
Insert the batteries



The coloured buttons can perform different functions according to the situation.

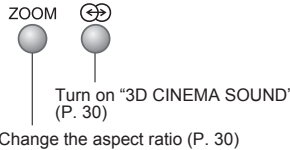
■ When viewing teletext (Analogue channels) (P. 21)
Follow on-screen instructions.

■ Other uses

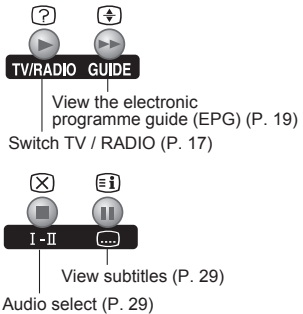


Follow instructions in on-screen guides.

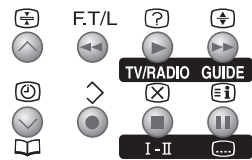
■ When watching TV / Video



■ When watching digital channels



■ When viewing teletext (P. 21)



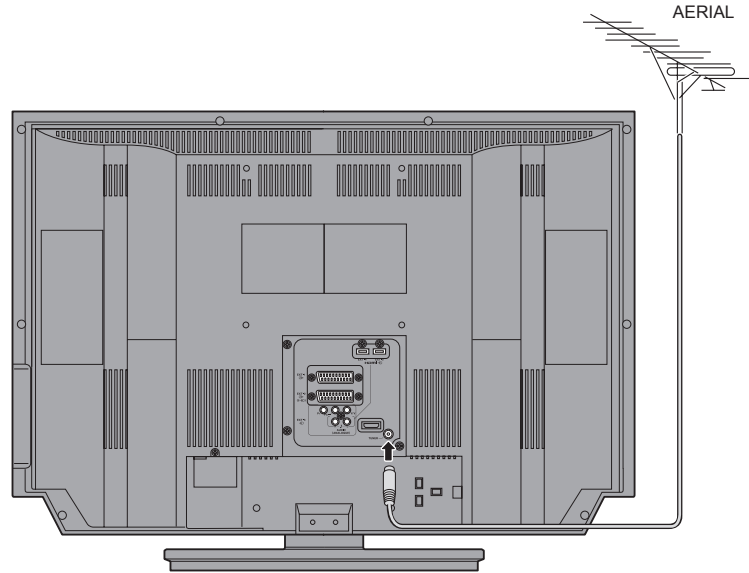
■ When operating a JVC VCR or DVD (P. 25)

Basic connections

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

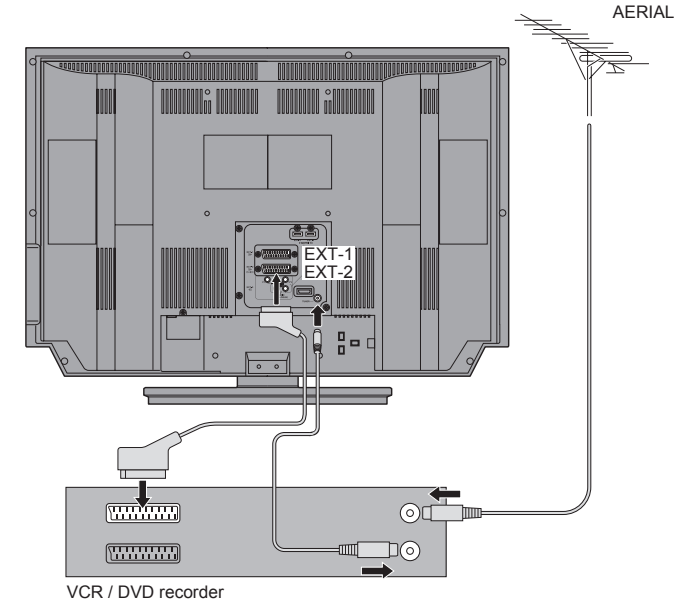
■ Connect with other devices ➔ "Connecting external devices" (P. 9)

Connect the aerial



- After all the connections have been made, insert the plug into an AC outlet.
- When using an aerial which needs external power ➔ "Power supply for the indoor aerial" (P. 55)

Connect a VCR / DVD recorder



- After all the connections have been made, insert the plug into an AC outlet.
- Connect "T-V LINK" compatible recording device to "EXT-2".
- "T-V LINK" ➔ "What is "T-V LINK"?" (P. 11)
- When using an indoor aerial which needs external power, connect the aerial directly to the TV.
➔ "Power supply for the indoor aerial" (P. 55)

Care when setting

■ Power requirements

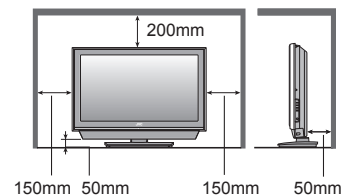
- Connect the power cord only to a 220-240V, 50Hz AC outlet.

■ 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

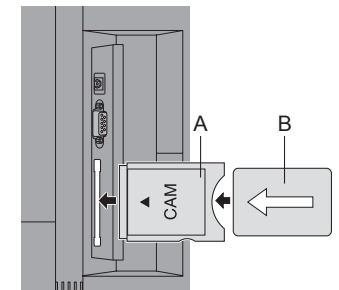
- To avoid overheating, ensure the unit has ample room.



Watch pay-TV digital channels

Subscribe to a broadcasting company beforehand. A Viewing Card (B) will be sent by the broadcasting company after subscribing to it. It may be necessary for you to purchase a CAM (Conditional Access Module) (A) in addition to the Viewing Card. Consult your broadcasting company or retailer.

- ① Unplug the power cord
- ② Insert "B" into "A".
- ③ Insert "A".
- ④ Plug the power cord, and turn the power on.
- ⑤ Perform necessary settings ➔ "Common Interface" (P. 41)
 - Pay-TV analogue channels cannot be watched.



Connecting external devices

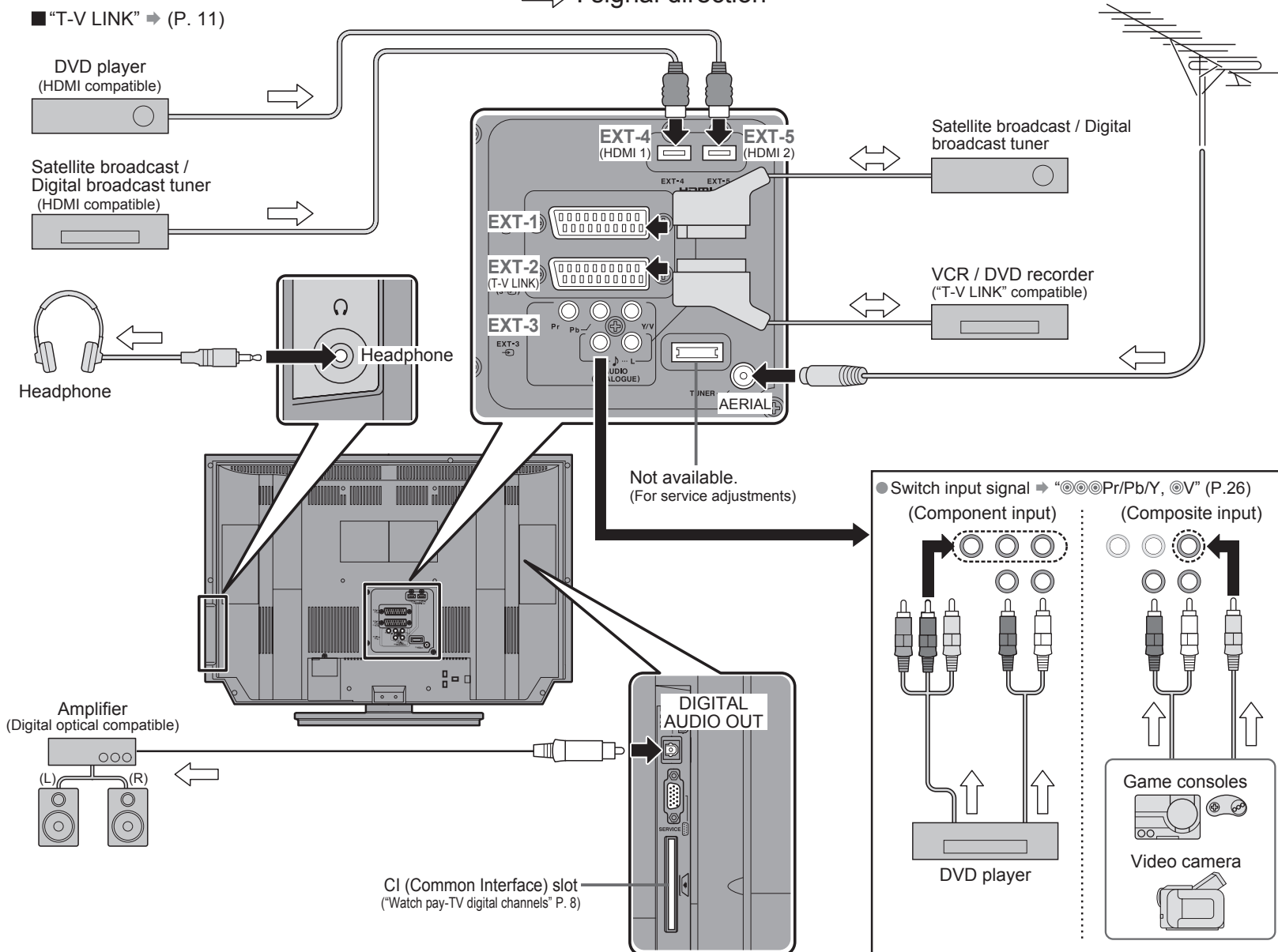
VCR / DVD / other devices

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

■ Connect "DVI" devices ➔ (P. 54)

■ "T-V LINK" ➔ (P. 11)

➔ : signal direction



EXT-1 Watching videos

Output ➔	Input ➔
· Composite signal · Sound L / R	· Composite signal / RGB · Sound L / R

EXT-2 Dubbing videos Using "T-V LINK"

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

· T-V LINK

- Use S-VIDEO ➔ "S-IN" (P. 26)
- Select dubbing sources ➔ "DUBBING" (P. 26)
- Connect a decoder ➔ "DECODER (EXT-2)" (P. 34)

EXT-3 Watching DVDs

Output ➔	Input ➔
	· Composite signal / Component signal (P. 58) · Sound L / R

- Switch input signal ➔ "Pr/Pb/Y, Y, V" (P. 26)

EXT-4 Connecting EXT-5 HDMI devices

Output ➔	Input ➔
	· HDMI signal (P. 58)

- "HDMI SETTING" ➔ (P. 34)
- EXT-5 input does not support analogue sound.

DIGITAL AUDIO OUT

Listening to the digital audio of digital channels on external speakers

Output ➔
· Digital sound (P. 56)

- The sound from analogue channels and external devices cannot be output.
- "Dolby Digital" output from the "DIGITAL AUDIO OUT" terminal ➔ (P. 56)

IMPORTANT!

PREPARE


USE

SETTINGS

TROUBLE?

Initial settings

Register digital / analogue channels on TV. These channels can be edited later.
(In this manual, digital terrestrial broadcasting is indicated as digital channels, analogue terrestrial broadcasting and analogue cable TV as analogue channels.)

■ To the previous screen →  BACK

■ Exit →  TV/DTV

■ If the "JVC" logo does not appear or if you wish to make changes later
→ Digital channel settings : "Configuration" (P. 39)
"Installation" (P. 43)
Analogue channel settings : "SET UP" (P. 34)

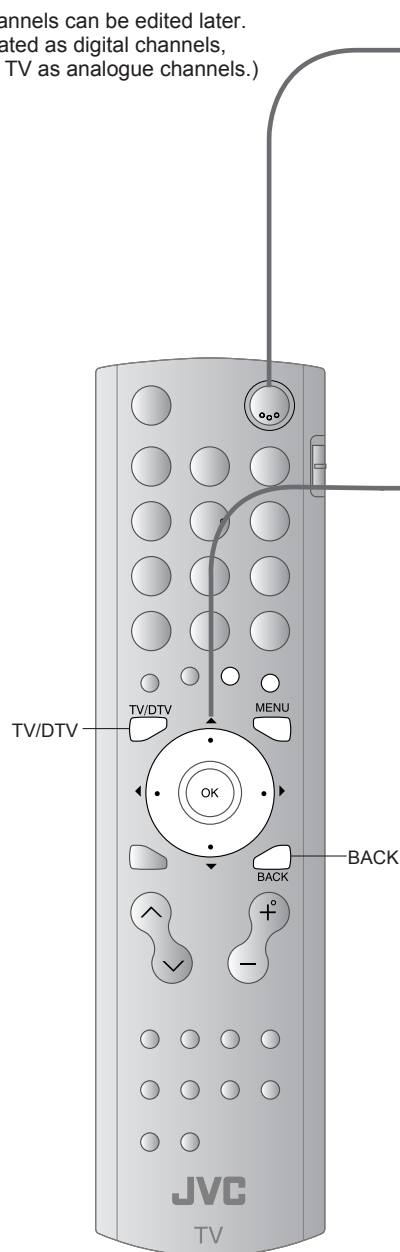
What is "T-V LINK"?

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

- Analogue channels to be instantly registered on the device.
- The "DIRECT REC" function to be used.
→ "Technical information" (P. 54)

■ "T-V LINK" variations

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



1 Begin



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

■ The remote control doesn't work

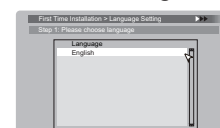


- Confirm the mode is set to "TV".

2 Set digital channels

1

Confirm "English" is set



- Language for on-screen displays when watching digital channel including the DTV menu.

2

Confirm "United Kingdom" is set



- This TV can only receive British digital channels.

3

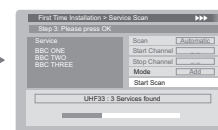
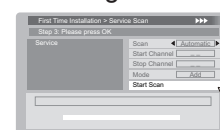
Set the aerial power supply



- Only when using an aerial which needs external power, select "On".
→ "Power supply for the indoor aerial" (P. 55)

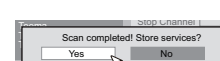
4

Scan digital channels



5

Register digital channels



■ If digital channels are not found, the following message will appear.



3 (Next page)

- After completing following steps, read "When the TV cannot find the digital channels" (P. 14) and try scanning digital channels again

Initial settings (continued)

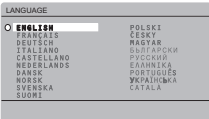
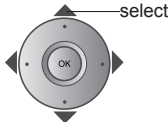
3 Confirm the language

● Language for on-screen analogue channel displays and menus (excluding the DTV menu)

■ When not using analogue channels → TV/DTV → 5

■ When using analogue channels (or cable TV) → 4


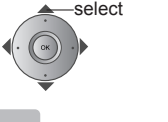
■ When change a language select

4 Set analogue channels

1 Register analogue channels

■ When change a country select

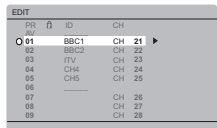




(blue) → AUTO PROGRAM CH 21 0%

2 Check what was registered

■ Edit analogue channels → 5 in "Editing analogue channels" (P. 47)

■ Confirm

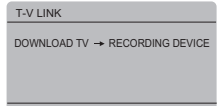

3 Set T-V LINK

■ When using "T-V LINK"

■ When not using "T-V LINK" TV/DTV

● If "FEATURE NOT AVAILABLE" appears :

- Is a "T-V LINK" compatible device connected to "EXT-2"?
- Is the device turned on?

5 Initial setting is complete

- Edit digital channels → Editing digital channels (P. 45)
- If digital channel reception is poor → When the digital channel reception is poor (P. 14)
- If analogue channel reception is poor → Troubleshooting (P. 49)
- Some digital channels cannot be watched on this TV. → (P.55)

When the TV cannot find the digital channels

Check the following points

- Is the TV connected correctly to the aerial?
- Change the direction of the indoor aerial.
- Is there a digital channels transmission tower nearby?
 - Turn "ATTENUATOR" to "ON" (P. 34), since the radio waves are too strong.

- Register digital channels again → "Service Scan" (P. 43)

■ If you still cannot watch digital channels after following the steps above, there may be a problem with your aerial or its cable. Or, the signal may be too weak. → Consult your retailer

When the digital channel reception is poor

The "Missing or weak signal" message appears.

Check the following points

- Is the TV connected correctly to the aerial?
- Change the direction of the indoor aerial.
- Is there a digital channels transmission tower nearby?
 - Turn "ATTENUATOR" to "ON" (P. 34), since the radio waves are too strong.

■ Check digital channels signal → Signal Check (P. 43)

■ If you still cannot watch digital channels after following the steps above, there may be a problem with your aerial or its cable. Or, the signal may be too weak. → Consult your retailer

When "RF Attenuator" setting screen is displayed

- Set "ATTENUATOR" (P. 34) from this setting screen.
 - To set the "ATTENUATOR" on select "On", to set it off select "Off"
- This setting screen will appear during the "Factory Settings" (P. 43) with "ATTENUATOR" set to "ON".

Enjoying your new TV!

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Watching digital channels

- View channel information
- Select a channel
- Listen to the radio

PAGE
23

Watching analogue channels

- Display the current time
- Using the PR list



TV/DTV

PAGE
21

Viewing teletext

- Enlarge the text
- Bookmark your favourite pages
- Reveal hidden pages

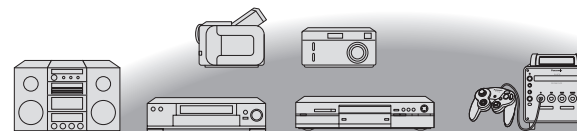


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19

Using EPG

- View the programme list for 8 days
- Search from a genre
- Reserve a programme to watch / record

GUIDE



PAGE
25

Watching videos / DVDs

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



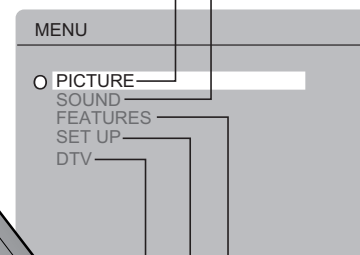
MENU

Personal preferences

PAGE
33

- Adjust the picture

- Adjust the sound



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

- Basic settings (channel settings, etc.)

- Setting digital channels (timer-record / configuration / channel settings, etc.)

IMPORTANT!

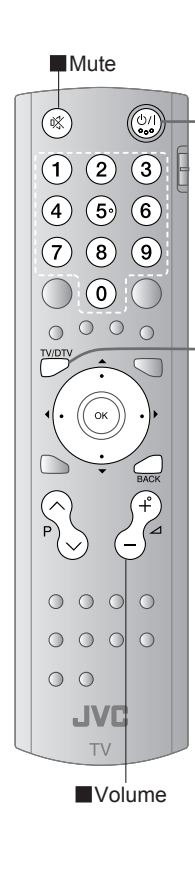
PREPARE

USE

SETTINGS

TROUBLE?

Watching digital channels



- 1 Set to "TV"**
VCTV - TV - DVD
- 2 Power on**
The green power lamp on the TV lights.
● Press again to turn the screen off and put the TV into standby mode.
- 3 Switch to digital channels**
TV/DTV
- 4 Switch TV / RADIO**
RADIO
- 5 Select a channel**
■ View subtitles / Select audio language → (P. 29)

Note

- "Services have changed" is displayed.
→ Updating PR list (P. 57)
- To completely turn off the TV, unplug the AC plug.
- Watch pay-TV digital channels → (P. 8)
- Add a new station → (P. 43)
- Some digital channels cannot be watched on this TV. → (P. 55)

■ Mute

■ Volume

Basic operations using the TV buttons

- 1 Power on**
- 2 Change the channel**

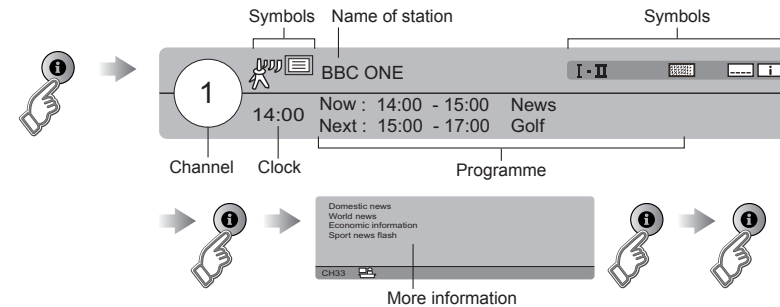
■ Volume

■ Switch to digital channels

■ The channels and programme names shown in the illustrations here are examples only.

Note To soften the picture for daily use, change the setting in "PICTURE MODE" → "PICTURE MODE" (P. 34)

Channel information



● Whenever changing the channel, "Channel Information" is displayed.

Channel: 1, Clock: 14:00, Programme: News, Golf

More information: Domestic news, World news, Economic information, Sport news flash

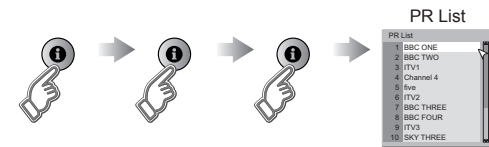
■ Symbols description

<ul style="list-style-type: none"> Reception level: Red (Poor), Yellow (Acceptable), Green (Excellent) TV programme Teletext is available (P. 22) I-II: I: Audio in another language is not available. II: Other audio languages are available (P. 29) 	<ul style="list-style-type: none"> Pay-TV channel Subtitles are available (P. 29) More information about the programme is available
--	--

Dolby Digital: Dolby Digital signal is output from the "DIGITAL AUDIO OUT" terminal (P.56)

● The information displayed may differ from programme to programme.


Using PR list



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

● You can select only from your favourite channels → "Favourite Mode" (P. 39)

Using EPG



● Display only programmes which match your selected genre → "Genre" (P. 20)

Using the number buttons, up / down buttons

■ Enter a channel number

E.g. 1: 0 → 0 → 1, 15: 0 → 1 → 5

■ Move up or down a channel

up, down

● You can select only from your favourite channels → "Favourite Mode" (P. 39)

Using EPG (Electronic Programme Guide)

You can find a digital channel programme from an eight-day programme guide, check its information, and make a reservation.

1 Switch to digital channels ■ Switch TV / RADIO

2 Display EPG

Genre or TV Radio

Electronic Programme Guide 14:00 05/05/2006

Date	Channel	Programme
05/05	1. BBC ONE	14:00 News
06/05	2. BBC TWO	15:00 Golf
07/05	3. ITV1	17:00 News
08/05	4. Channel 4	17:15 Music
09/05	5. five	18:00 Weather forecast
10/05	6. ITV2	18:20 News
11/05	7. BBC THREE	18:50 Soccer
12/05	8. BBC FOUR	20:20 News
	9. ITV3	20:30 Weather forecast

■ Check programme information ■ Search from genre

■ Close EPG

Genre icon

General	Children
Movie	Education
News	Leisure
Entertainment	Drama
Sports	

3 Find a programme

■ Watch / listen to the programme → (P. 18)

■ Reserve the programme

select a date / a channel / a programme

select a column (date → channel → programme)

■ The channels and programme names shown in the illustrations here are examples only.

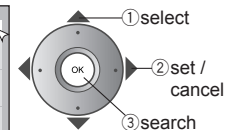
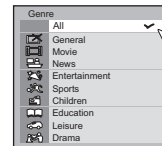
Display only programmes which match your selected genre

Genre

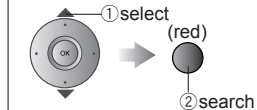
1 Display the genre List

(green)

2 Select a genre



■ Quick search



● Only one genre can be selected.

● More than one genre can be selected.

3 Find a programme

Your selected genres are displayed



● Only programmes in the selected genre are displayed.

Reserve a programme to watch and record

Timer

1 Display "Timer"

(red)

● Select the reserved programme beforehand.

2 Set "Timer"

→ 6 in "Using timer-record" (P. 27)

3 Confirm the reservation



(red) : Reserve to record
(blue) : Reserve to watch
⌚ : Reservation time is shorter than the broadcasting time

● For more details about the timer-record setting
→ "Using timer-record" (P. 27)

IMPORTANT!

PREPARE

USE

SETTINGS

TROUBLE?

Viewing teletext

1 Switch digital / analogue channels
TV/DTV

2

■ When watching analogue channels

■ When watching digital channels
→ Operate according to the screen indications

■ When watching analogue channels

● Enter a teletext page ● Move up or down a page

1 2 3
4 5 6
7 8 9
0

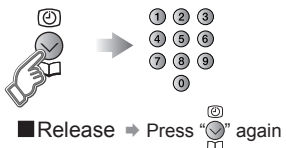
up
down

TV TEXT
TEXT ---
TEXT ---
TEXT ---
TEXT ---

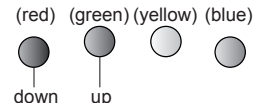
View sub-pages

Sub-page
(Analogue channels)

Display sub-pages



Move up or down a page



Bookmark your favourite page

LIST MODE
(Analogue channels)

- 1** F.T/L Display your favourites list
(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
 - 4** Save
- Recall your favourite page → Press the coloured button as in step 2

Hold the current page
HOLD
(Analogue channels)

Hold the current page
Release → Press "0" again

Reveal hidden pages
REVEAL
(Analogue channels)

Display hidden information (answers to quizzes, etc.)

1 + 2 =
2 x 3 =

1 + 2 = 3
2 x 3 = 6

Enlarge the text
SIZE
(Analogue channels)

Double the size of the displayed text

TEXT
SIZE

To the index page
INDEX
(Analogue channels)

Returns to page "100" or a previously designated page

Switch briefly from teletext to TV
CANCEL
(Analogue channels)

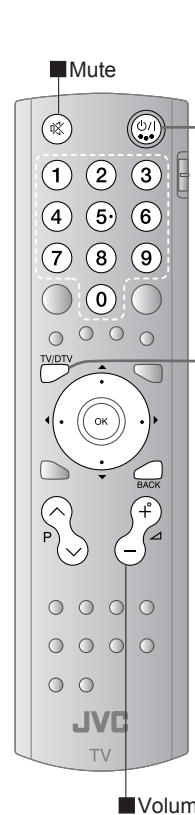
Leave the current page open, while you switch to watch TV

233
TEXT ---
TEXT ---

233

● Useful when running a page search.

Watching analogue channels



- 1 Set to "TV"**
Press the TV button on the top of the remote.
- 2 Power on**
Press the power button. The green power lamp on the TV lights.
● Press again to turn the screen off and put the TV into standby mode.
- 3 Switch to analogue channels**
Press the TV/DTV button.
- 4 Select a channel**
Press the channel number buttons (1-9, 0, MUTE, etc.).

■ Mute

■ Volume

■ Switch between mono / stereo / bilingual broadcasting
→ "STEREO / I-IT" (P. 34)

Note

- To completely turn off the TV, unplug the AC plug.
- To watch analogue channels, you must register them beforehand.
→ "AUTO PROGRAM" (P. 34)

Basic operations using the TV buttons

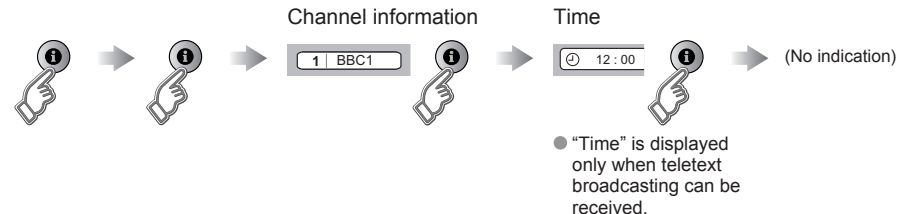
- 1 Power on**
Press the power button.
- 2 Change the channel**
Press the channel number buttons (1-9, 0, MUTE, etc.).

■ Volume

■ Switch to analogue channels

Note To soften the picture for daily use, change the setting in "PICTURE MODE"
→ "PICTURE MODE" (P. 34)

Channel information and clock

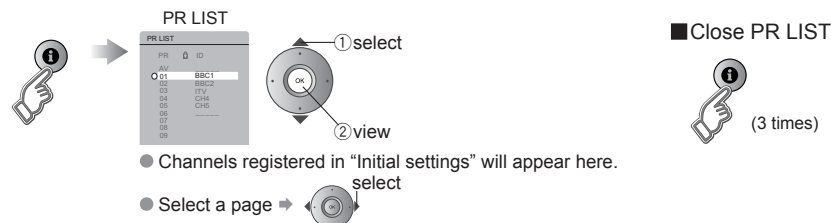


Channel information

Time

● "Time" is displayed only when teletext broadcasting can be received.

Using PR list



PR LIST

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

● Select a page →

■ Close PR LIST (3 times)

Using the number buttons, up / down buttons

■ Press a channel number

E.g.

1 : 0 → 1

15 : 1 → 5

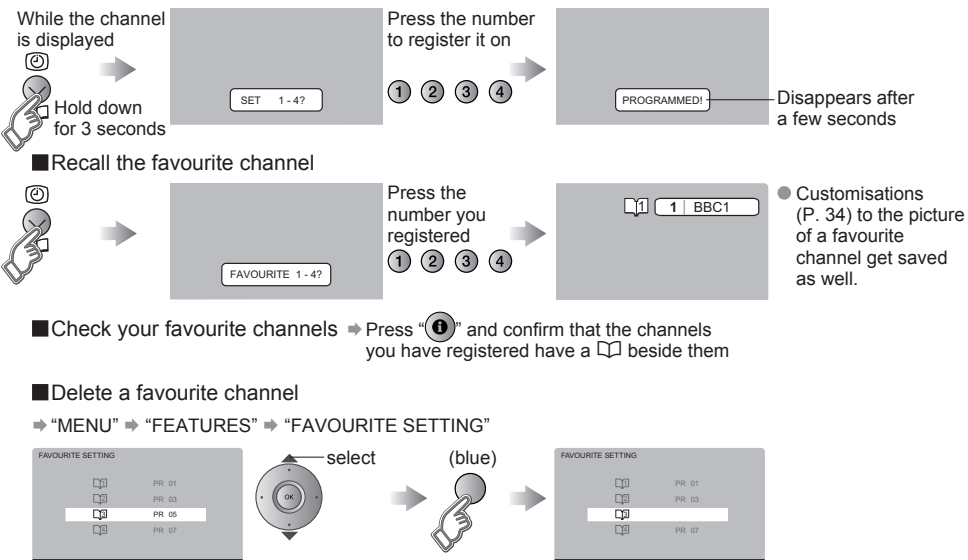
■ Move up or down a channel

up

down

Register a channel to a button

FAVOURITE CHANNEL



While the channel is displayed

Hold down for 3 seconds

Press the number to register it on

PROGRAMMED! Disappears after a few seconds

■ Recall the favourite channel

Press the number you registered

1 2 3 4

1 1 BBC1

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

■ Delete a favourite channel

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

FAVOURITE SETTING

select (blue)

FAVOURITE SETTING

PR 01

PR 02

PR 03

PR 04

PR 05

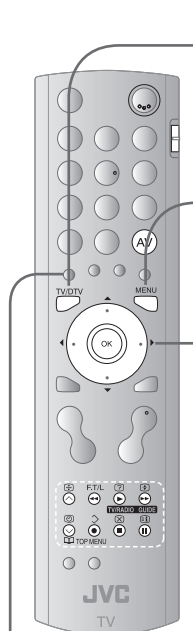
PR 06

PR 07

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

Using timer-record

DTV original function and setting, such as a recorder-linked timer-record setting, can be selected from the DTV menu.



- 1 Switch to digital channels TV/DTV
- 2 Display the menu MENU
- 3 Select "DTV"
- 4 Select "Timer"
- 5 Set "Timer"
- 6 Select an item
- 7 MENU

■ Switch TV / RADIO

■ To the previous screen
→ BACK

■ Exit
→ MENU

■ Cancel a reservation
→ Select the reservation. Press (green). Select "Yes" and press "OK" button.

■ Change a reservation
→ Select the reservation and press "OK".

■ Search a channel using EPG → Press (yellow)

Reserve a programme to record

Record

Reserve a programme to watch

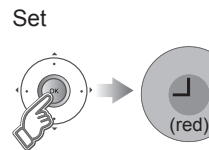
Remind

1 Input / confirm timer-record settings

PR	BBC ONE	Select the channel
Start	17:15	Enter the time and date with number buttons
End	18:00	
Date	05/05/2006	
Mode	Once	Select the reservation mode (Once / Daily / Weekly)
Audio	PCM / Analogue	Normally set to "PCM / Analogue" (PCM / Analogue, Dolby Digital) → (P. 56)
Subtitle	Off	Set subtitle recording (Off / On)

- A message will be displayed if there is problem with the reservation.
- When reserving a channel which is set to "Lock" (P.45), enter the PIN code
→ "When entering the PIN Code" (P. 36)

2 Set



TV programme
Radio programme

(red)

Start End Date Mode
1: BBC ONE 17:15 18:00 05/05/2006 Once

- If you reserved the programme using EPG, the screen will return to EPG instead.
→ Step 3 in "Timer" (P. 20)

3 Prepare for recording

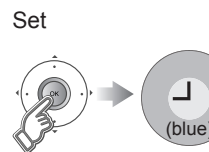
- Set the recording device to external input mode before the start time.
- Manually set the timer on "T-V LINK" incompatible devices. For details, refer to the device's manual.
- Make sure that recording times on the recording device do not overlap with recording times on the TV.
- Some "T-V LINK" compatible DVD recorders may not work correctly.
- When Rec Timer has been set, the power lamp on the TV will :
Start blinking 3 minutes before the start time (green or red)
Light during recording (green or orange)

1 Input / confirm timer-record settings

PR	BBC ONE	Select the channel
Start	17:15	Enter the time and date with number buttons
Date	05/05/2006	
Mode	Once	Select the reservation mode (Once / Daily / Weekly)

- A message will be displayed if there is problem with the reservation.

2 Set



TV programme
Radio programme

(blue)

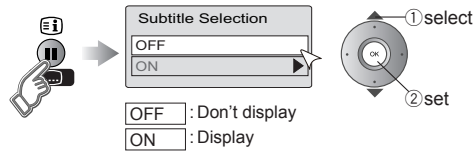
Start End Date Mode
1: BBC ONE 17:15 18:00 05/05/2006 Once

- If you reserved the programme using EPG, the screen will return to EPG instead.
→ Step 3 in "Timer" (P. 20)

Useful functions

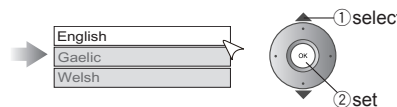
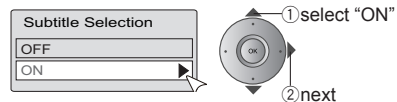
View subtitles

SUBTITLE
(Digital channels)



- By default, the language set in "Subtitle Language" (P. 39) is automatically selected. When not broadcast in that language, another broadcast language is automatically selected.
- When no subtitles are broadcasted, "No Subtitles" is displayed.

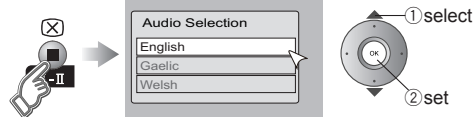
Switch to another language



- ⦿ : Special subtitles for the hearing impaired
Undefined : When the subtitle's language cannot be identified
- The language that can be selected depends on the broadcast.

Select audio language

AUDIO SELECTION
(Digital channels)



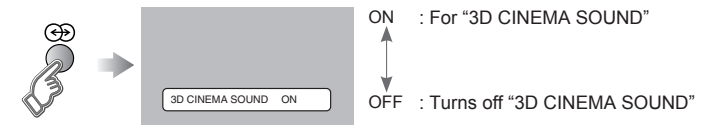
- ⦿ : Special audio track for the visually impaired
Undefined : When the audio's language cannot be identified
- Dolby : Dolby Digital

- The language that can be selected depends on the broadcast.
- Please read "Dolby Digital" output from the "DIGITAL AUDIO OUT" terminal" (P. 56) before selecting "Dolby".



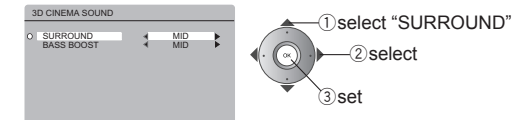
Enjoy ambient sound

3D CINEMA SOUND



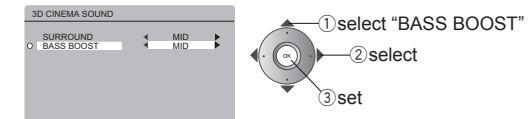
Adjust the ambience level

➔ "MENU" ➔ "SOUND" ➔ "3D CINEMA SOUND"



Emphasize the bass sound

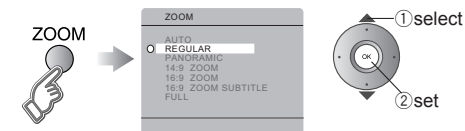
➔ "MENU" ➔ "SOUND" ➔ "3D CINEMA SOUND"



- "3D CINEMA SOUND" does not work with headphones.

Change the aspect ratio

ZOOM

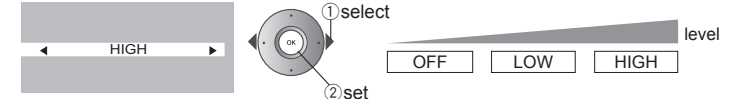


- Using "AUTO" ➔ "AUTO" in "ZOOM" (P. 54)
- When 720p (750p) or 1080i (1125i) signal is received, the signal will be displayed as "FULL". The zoom menu will not be displayed.

Emphasize bass sound

MaxxBass

➔ "MENU" ➔ "SOUND" ➔ "MaxxBass"



IMPORTANT!

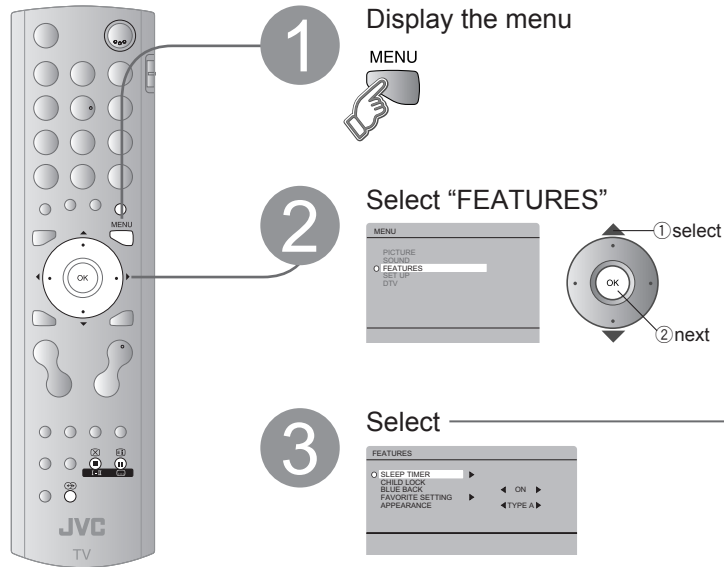
PREPARE

USE

SETTINGS

TROUBLE?

Useful functions (continued)



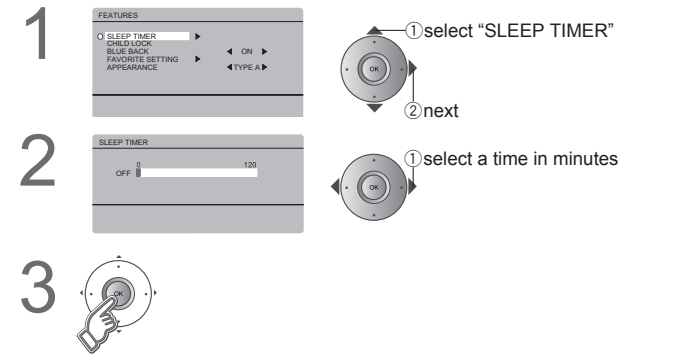
Set a time for the TV to turn itself off
SLEEP TIMER

Stop children from watching specific channels
CHILD LOCK
(Analogue channels)

■ To the previous screen

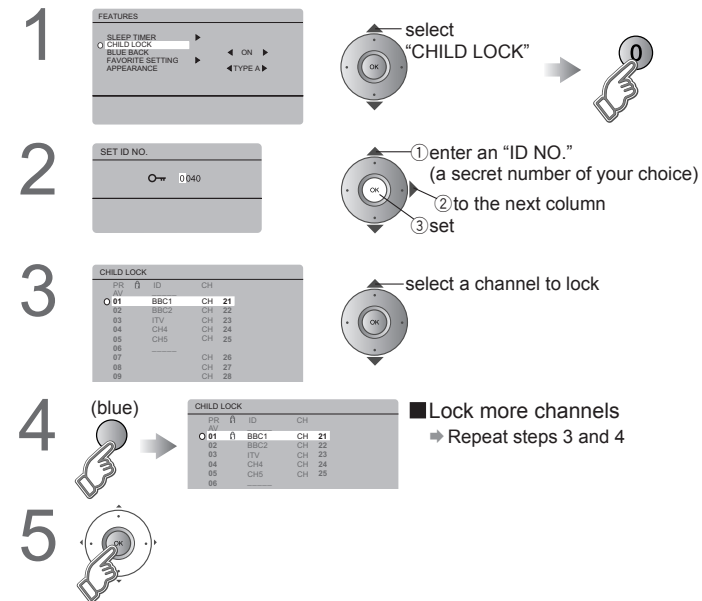


■ Exit



■ Cancel → Set the time to "0" in step 2

■ Remaining time → You can confirm the remaining time at step 2, after repeating this process.



■ Lock more channels
→ Repeat steps 3 and 4

■ Release a channel → Press "⏏" (blue) again in step 4

■ 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 2.)

● BLUE BACK (Analogue channels): Display blue screen and mute the sound when the signal is weak or absent (ON / OFF).

IMPORTANT!

PREPARE

USE

SETTINGS

TROUBLE?

Using DTV menu

Digital channels original function and setting can be selected from the DTV menu.

1

Switch to digital channels

2

Display the menu

3

Select "DTV"

4

Select "Setup"

5

Select an item

6

Change setting

7

Finish MENU

1 select

2 next

1 select

2 next

select

select

■ To the previous screen

BACK

■ Exit

MENU

Menu	Item	Adjustments / Configurations
DTV	Timer	Reserve a programme to record / watch (P. 27)
	Edit PR	Edit / Delete / Lock registered digital channels or add them to favourites. (P. 45)
	Configuration	Country
		Menu Language
		Audio Language
		Subtitle Language
		Enter PIN Code
		Favourite Mode
	Setup	Digital Audio Output
		Banner Duration
		Receiver Upgrade
		Common Interface
		Antenna Power
	Installation	Service Scan
		Signal Check
		Factory Settings

When entering the PIN code

When watching digital channels or changing DTV menu settings, it may be necessary for you to enter a PIN code.
Once a PIN code has been entered, there is no need to enter it again until the TV is turned off.

- The default PIN code is "0000".
- You can set your own PIN code. ➔ "Enter PIN Code" (P. 39)

IMPORTANT!

PREPARE

USE

SETTINGS


TROUBLE?

35

36

Advanced picture adjustment

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



- Display the menu**
MENU
- Select "PICTURE"**
MENU
PICTURE
SOUND
FEATURES
SET UP
DTV
- Select "FEATURES"**
PICTURE
PICTURE MODE
BRIGHT
CONTRAST
SHARP
COLOUR
HUE
COLOUR TEMP
FEATURES
- Select an item**
FEATURES
DIGITAL VNR
DigiPure
MOVIE THEATRE
COLOUR MANAGEMENT
PICTURE MANAGEMENT
COLOUR SYSTEM
4:3 AUTO ASPECT
- Change settings**
FEATURES
DIGITAL VNR
DigiPure
MOVIE THEATRE
COLOUR MANAGEMENT
PICTURE MANAGEMENT
COLOUR SYSTEM
4:3 AUTO ASPECT
- Finish**

■ To the previous screen
➔ BACK

■ Exit
➔ MENU

● The menu disappears after one minute of inactivity.

To reduce noise
DIGITAL VNR

ON OFF ON
: Function is turned off : When noise appears

For natural-looking outlines
DigiPure

ON OFF ON
: Function is turned off : When the picture loses sharpness

For smooth cinema film
MOVIE THEATRE

AUTO OFF ON AUTO
: Function is turned off : Function is always on : Automatically adjusts

For natural-looking pictures
COLOUR MANAGEMENT

ON OFF ON
: Function is turned off : Maintain a natural colour balance

Fix bright / dark pictures
PICTURE MANAGEMENT

ON OFF ON
: Function is turned off : Make it easier to view bright / dark pictures

When there is no colour
COLOUR SYSTEM

COLOUR SYSTEM
PAL
Select the colour system
PAL NTSC 3.58* NTSC 4.43* AUTO*
: Western : USA : USA : When watching
Europe 3.58 MHz 4.43 MHz videos, etc.
*Select in video mode only.

Set a default aspect ratio
4:3 AUTO ASPECT

4:3 AUTO ASPECT
PANORAMIC
REGULAR
14:9 ZOOM
Select a default aspect ratio for Auto in "ZOOM" (P. 54)
PANORAMIC REGULAR 14:9 ZOOM
16 : 9 4 : 3 14 : 9

IMPORTANT!

PREPARE

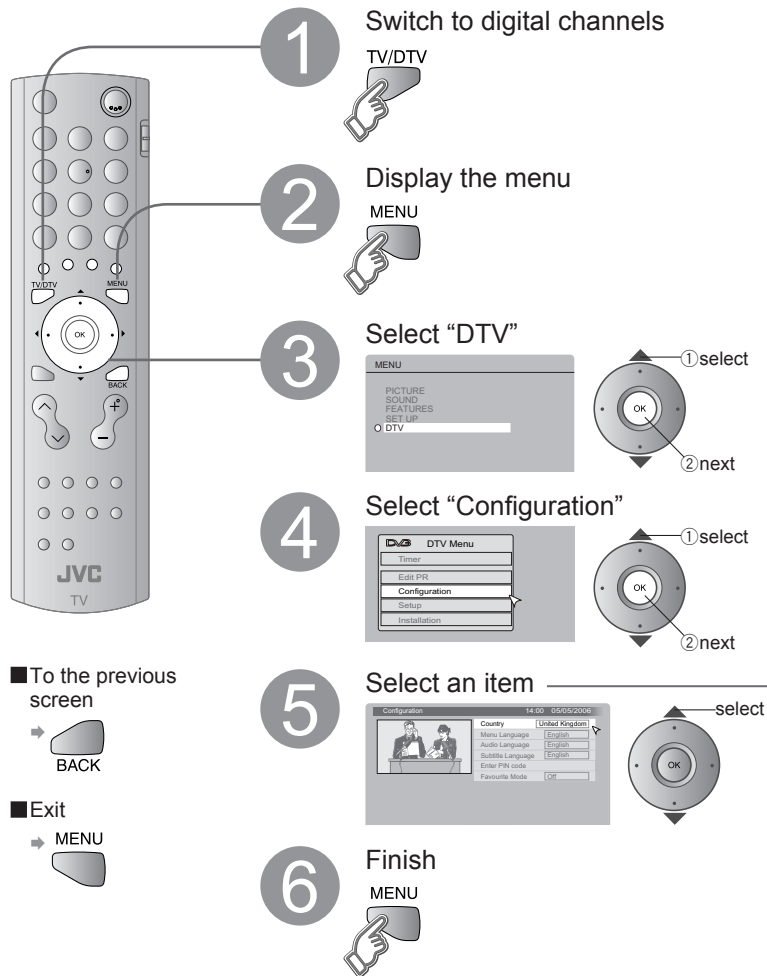
USE

SETTINGS

TROUBLE?

DTV configuration

Available for favourite channel selection and changing PIN code, etc.



Note

When not broadcast in the default language, on-screen displays and audio output in that language are not available. In this case, the language that can be displayed and heard depends on the broadcast.

Country

The country of installation

United Kingdom ● United Kingdom only

Menu Language

The language for on-screen menus

English ● English only

Audio Language

Select a default language for audio

English Gaelic ● For visually impaired
Welsh

Subtitle Language

Select a default language for subtitle

English Gaelic ● For hearing impaired
Welsh

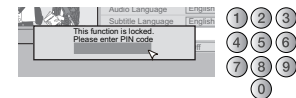
Change PIN code

Enter PIN Code

① Select "Enter PIN code"

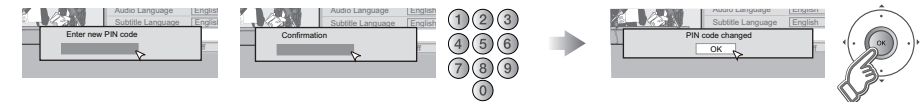


② Input the current code



- Default is "0000".
➔ "When entering the PIN code" (P. 38)
- If you forget the code Input "0081"

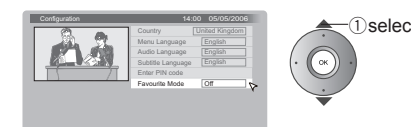
③ Input a new code twice.



Enable your favourite channels

Favourite Mode

① Select "Favourite Mode"



② Select "On"



- If you cannot select "On", register channels in "favourites" first ➔ "Favourites" (P. 46)

IMPORTANT!

PREPARE

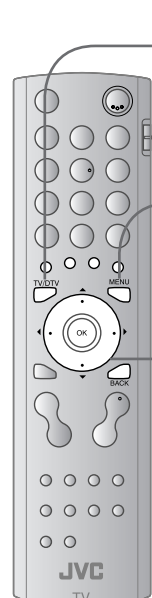
USE

SETTINGS

TROUBLE?

DTV setup

Available for setting power supply for the aerial, and upgrading the tuner software, etc.



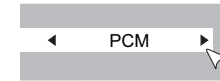
- 1** Switch to digital channels
TV/DTV
- 2** Display the menu
MENU
- 3** Select "DTV"
MENU
PICTURE
SOUND
FEATURES
SET UP
DTV
- 4** Select "Setup"
DTV Menu
Timer
Edit PR
Configuration
Setup
Installation
- 5** Select an item
Setup
Digital Audio Output
Banner Duration
Receiver Upgrade
Common Interface
Antenna Power
- 6** Finish
MENU

■ To the previous screen
→ BACK

■ Exit
→ MENU

Output the Dolby Digital signal

Digital Audio Output



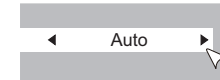
PCM
: The Linear PCM signal is output

Dolby Digital
: The Dolby Digital signal is output

● Only when the Dolby Digital signal is received

● Please read "Dolby Digital" output from the "DIGITAL AUDIO OUT" terminal" (P. 56) before setting.

You can upgrade the tuner software as newer versions become available. Normally set to "Auto".



Auto
: Automatically download and install software upgrades

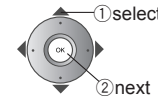
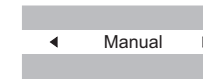
Manual
: Manually download and install software upgrades

● This occurs at midnight when the TV's power is off.

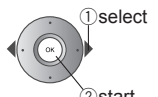
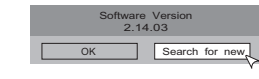
● When you change the setting, enter PIN code.

■ When JVC or the broadcasting station informs you of the new software, download it as follows.

① Select "Manual"

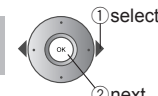


② Select "Search for new"



● If upgrading is not necessary, select "OK" to finish.

③ Select "Yes"

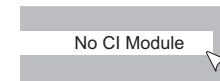


"Software upgraded successfully! TV will now reset!"



● If the TV has upgrade to the latest tuner software, the message "Search completed. No new software found" will appear.
● Select "In standby" instead of "Yes" if you want to upgrade the software automatically when the TV is turned off.

To watch pay-TV digital channels, use the Conditional Access Module screen.
This function can only be used when pay-TV can be received in your region.



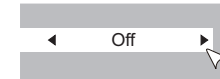
No CI Module
: Function is not available

● When the Conditional Access Module etc. is inserted after subscribing to the broadcasting company, this function is available.
➔ "Watch pay-TV digital channels" (P. 8)

① Press "OK" button to display the Conditional Access Module menu

② Follow the instructions on the screen to set up pay-TV

● The content of the menu is different depending on the broadcasting company.
➔ For details, consult your broadcasting company
● The language shown in the menu may differ to the "Language" set for the TV.



Off
: Power not supplied

On
: Power supplied

● Please read "Power supply for the indoor aerial" (P. 55) before setting.

Upgrade tuner

Receiver Upgrade

Set Conditional Access Module

Common Interface

Power supply for the indoor aerial

Antenna Power

● Banner Duration: Select the display time for channel information (2 sec / 5 sec / 8 sec).

IMPORTANT!

PREPARE

USE

SETTINGS

TROUBLE?

DTV installation

Available for registration of digital channels, checking of digital channels signal, and initialisation of all digital channels settings.

1

Switch to digital channels

2

Display the menu

3

Select "DTV"

4

Select "Installation"

5

Select an item

6

Finish

■ To the previous screen

BACK

■ Exit

MENU

Register a new channel

Service Scan

Check the broadcast signal

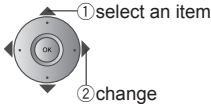
Signal Check

Initialise the DTV settings

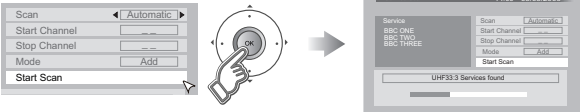
Factory Settings

① Set items

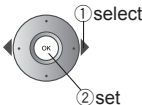
Scan	Automatic : Scan automatically Manual : Scan a specified channel range Network : You can select and register only necessary networks.
Start Channel	Specify a scanning channel range (For "Manual")
Stop Channel	
Mode	Add : Add a new channel to the registered channel Reinstall : Register all channels again



② Select "Start Scan"

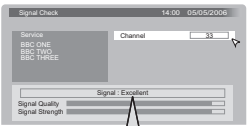
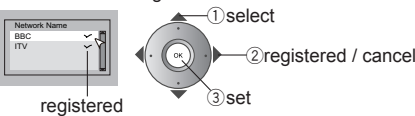


③ Select "Yes"

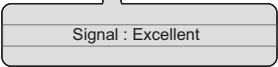


■ For "Network"

Select broadcasting stations from a list

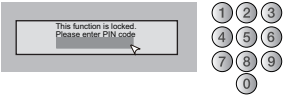


- This channel is the frequency of the digital broadcasting. It differs from the channel number displayed in the TV.
- Select another broadcast channel →



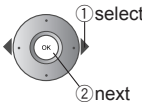
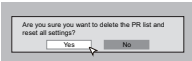
All registered digital channels are deleted and the DTV menu settings are initialised. Digital channels are reregistered.

① Enter PIN code



- Default is "0000".
- ➔ "When entering the PIN code" (P. 36)

② Select "Yes"



➔ 2 in "Initial settings" (P. 12)

IMPORTANT!

PREPARE

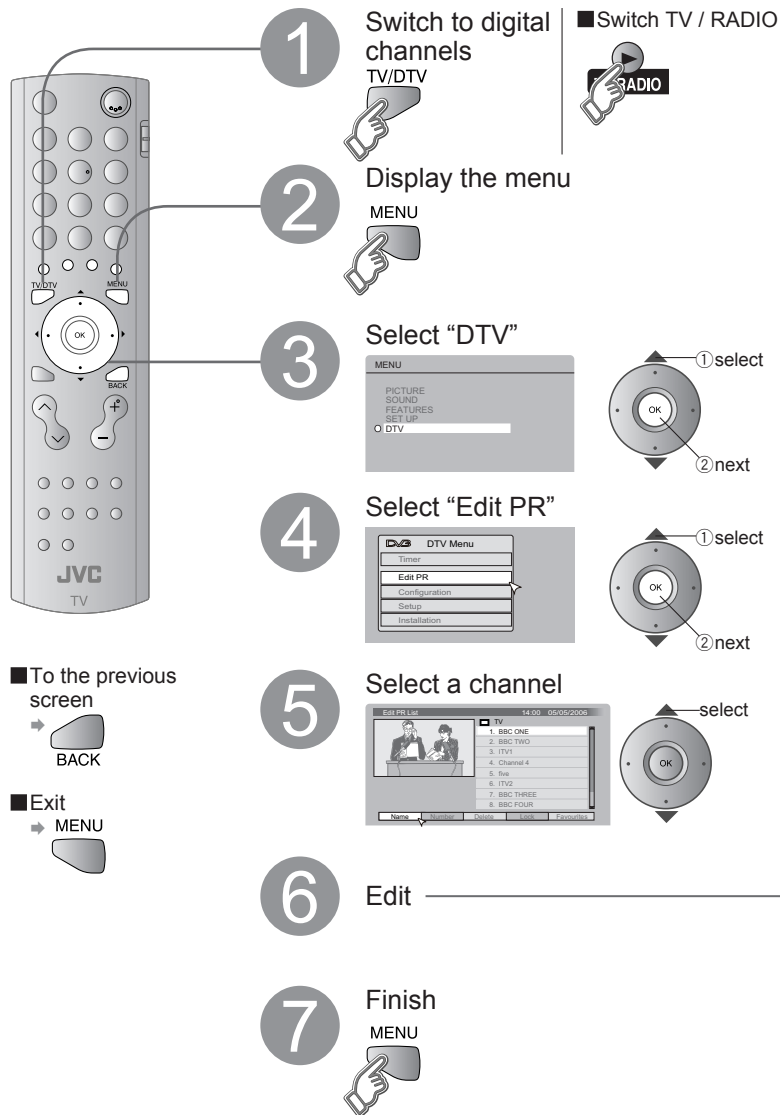
USE

SETTINGS

TROUBLE?

Editing digital channels

Edit the channels registered with "Automatic" in "Initial settings" (P. 12).



Edit a channel name

Name

Edit a channel number

Number

Delete a channel

Delete

Stop Children from watching specific channels

Lock

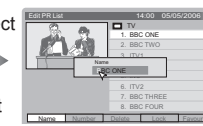
Register your favourite channel

Favourites

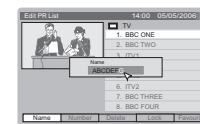
① Select "Name"



② Change the name



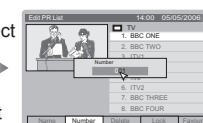
③ Set



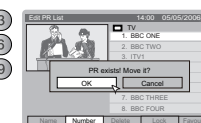
① Select "Number"



② Change the number



③ Select "OK"

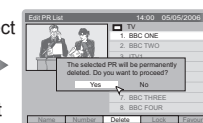


- Only when the same channel number exists.
- The channels are rearranged in numerical order.

① Select "Delete"



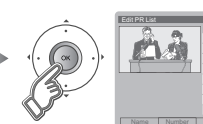
② Select "Yes"



① Select "Lock"



② Lock



- Enter PIN code if needed
→ "When entering the PIN code" (P. 36)

- To release, press "OK" button again.
- To enable "Lock" function, turns the TV off and on again.
- To watch the locked channels, the PIN code must be entered.

① Select "Favourites"



② set



- To release, press "OK" button again.

- To move through only your favourite channels and have them appear in the PR list.
→ "Favourite Mode" (P. 39)

IMPORTANT!

PREPARE

USE

SETTINGS

TROUBLE?

Editing analogue channels

Edit the channels registered with "AUTO PROGRAM" in "Initial settings" (P. 13).

When coming from "Initial settings" (P. 13), skip to 5.

- 1 **Switch to analogue channels**
TV/DTV
- 2 **Display the menu**
MENU
- 3 **Select "SET UP"**
MENU
PICTURE
SOUND
FEATURES
SET UP
- 4 **Select "EDIT/MANUAL"**
SET UP
AUTO PROGRAM
EDIT/MANUAL
SOUND DECODER (EXT-2)
EXT. SETTING
HDMI SETTING
ATTENUATOR
- 5 **Select a row**
EDIT
PR ID CH
01 BBC1 CH 21
02 BBC2 CH 22
03 ITV CH 23
04 CH4 CH 24
05 CH5 CH 25
06 CH 26
07 CH 27
08 CH 28
09 CH 29
- 6 **Edit**
- 7 **Confirm settings**
- 8 **Finish**
T-V LINK
DOWNLOAD TV → RECORDING DEVICE

■ To the previous screen
BACK

■ Exit
MENU

■ When using "T-V LINK"

■ When not using "T-V LINK"
TV/DTV

● If "FEATURE NOT AVAILABLE" appears:
→ Is a "T-V LINK"
→ Is a compatible device connected to "EXT-2"?
→ Is the device turned on?
● "T-V LINK" → (P. 11)

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**

move out

select

move in

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

(red)

enter the first character

(blue)

■ When selecting a preset name from the "ID LIST"

select

set

■ When manually naming a channel

next column

enter

next

column

set

- 1 **Begin**
- 2 **Enter a number**

(green)

● Receives the broadcast signal.

● "CH/CC" List → (P. 53)
● In Ireland, select CH/CC with ▲ ▼.

- 1 **Delete**

(yellow)

- 1 **Begin**
- 2 **Beginning channel search**

(blue)

From high frequencies (red)

or

From low frequencies (green)

3 **Set**

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

■ Picture fine tuning → (yellow)(blue)

IMPORTANT!

PREPARE

USE

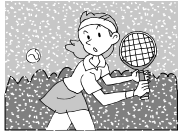
SETTINGS

TROUBLE?

Troubleshooting

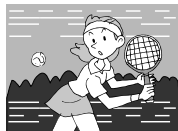
■ Analogue channels

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

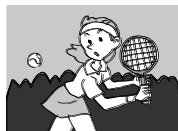
Patterns, stripes or noise



- 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

■ Digital channels ➔ (P. 14)

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 "VCR/TV/DVD SWITCH" set to "TV"?
- When viewing teletext, the TV menu does not appear.
- Depending on the stability of the signal, there may be a time lag when changing channels.

Problem		Actions		page
Basics	Not displayed (black screen)	<ul style="list-style-type: none">● Is the analogue channel reception poor, too? ➔ Following the instructions in "Severe noise or snow" can solve this problem.● Digital channels are not displayed ➔ When the TV cannot find the digital channels● There may be problems at the aerial, radio waves, or the area you live in, where reception is bad. Consult your retailer.	49 14 —	
	Remote control stops working	<ul style="list-style-type: none">● Unplug TV, several minutes later plug it in again.	—	
	Digital channel screen is frozen	<ul style="list-style-type: none">● Hold down "⏮" and "⏭" on the TV simultaneously for three or more seconds to restart.	—	
	Some functions do not display on menu	<ul style="list-style-type: none">● It is not a malfunction. Some functions in the menu will not be displayed depending on the situation.	—	
Screen	Aspect ratio changes unintentionally	<ul style="list-style-type: none">● Press "ZOOM" to return to your settings.	30	
Picture	Poor picture quality	<ul style="list-style-type: none">● Try changing the setting in "PICTURE MODE"● Unnatural colour >>> Adjust "COLOUR" and "BRIGHT". Check your "COLOUR SYSTEM"● Noise >>> Set to the following functions. PICTURE MODE : STANDARD DIGITAL VNR : ON DigiPure : OFF● Dull picture >>> Set to the following functions. PICTURE MODE : BRIGHT DIGITAL VNR : OFF DigiPure : ON	34 34 38 34 38 38 34 38 38	
	Strange picture when using an external device	<ul style="list-style-type: none">● If you connected S-Video output device, check the "S-IN" setting.● 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).	26 —	
Sound	Poor sound	<ul style="list-style-type: none">● Adjust the "BASS" and "TREBLE".● If receiving a poor signal in "STEREO / I-II", switch to "MONO".	34 34	
	Left and Right sound coming from one side of the speaker	<ul style="list-style-type: none">● If you hear Left and Right sound from one side of the speaker even after adjusting the speaker balance to one side, set the following functions to "OFF". 3D CINEMA SOUND HYPER SOUND	30 34	

IMPORTANT!

PREPARE

USE

SETTINGS

TROUBLE?

Troubleshooting (continued)

	Problem	Actions	page
HDMI	Wrong screen size (480p (525p) only)	● Switch "SIZE" in "HDMI SETTING" to "1", "2" or "AUTO". ("SIZE" will not appear when signals are other than 480p (525p))	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 "EXT-5".)	— 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 in the menu do not display depending on the situation.	—
	"FEATURE NOT AVAILABLE"	● Is the "T-V LINK" compatible device connected to "EXT-2"? ● Is the SCART CABLE "Fully Wired"? ● Is the "T-V LINK" compatible device turned on? After confirming all the conditions above, press "OK" button again.	54 54 —
	"NO RECORDING"	● A problem occurs at the recorder.	—
Error message	"NO RECORDING POSSIBLE"	● The displayed video cannot be recorded.	—
	"NO RECORDING MEDIA PROBLEM"	● The recorder is not ready for recording. Check the videotape or DVD disc.	—
	"NO RECORDING DEVICE BUSY"	● The recorder is recording another programme, or is playing.	—

	Problem	Actions	page
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.	—
	No picture, no sound	● Some digital channels cannot be watched on this TV.	55
	"Dolby Digital selected! No analogue audio available"	When "Dolby Digital" is selected in "Digital Audio Output", the sound of a programme containing "Dolby Digital" signals cannot be output from the TV or the audio system connected to the "AUDIO OUT" terminal. When the channel is changed, a message will be displayed for a few seconds. ● To listen with the TV or audio system ➔ Select a language without "(Dolby)" from "Audio Selection" ➔ Switch "Digital Audio Output" to "PCM"	56 29 41
	Forgot my PIN code!	● The default PIN code is "0000". If you forget the numbers that you used to change the default PIN code, first input "0081" in the "Enter PIN code" and then register a new PIN code.	39
DTV	Locked channels can be watched without inputting PIN code	● Once the PIN code is input, the lock function is released. If you want to use the lock function again, turn the TV off and then turn it on again.	—
	When JVC or the broadcasting station informs you of the software	● Upgrade the tuner software by using the "Receiver Upgrade" function.	41
	"Services have changed. Do you want to Update PR list?" is displayed	● Update the PR list (digital channels) ➔ "Updating the PR list"	57
	TV/RADIO button do not work	● Set the "Favourite Mode" to "Off" (P. 39) and register both Radio and TV channels in "Favourites" (P. 45). Then set "Favourite Mode" to "On".	39 45

“CH/CC” List

- To use the INSERT function (P. 48), find the CH/CC number corresponding to the TV's channel number from this table. If you want to know a particular TV channel's channel menu, look in TV listings magazines or contact the broadcaster.
- When the Country setting is United Kingdom, the CC number channels and channels from CH02 to CH12 cannot be received.

CH	Channel	CH	Channel	CC	Channel	CC	Channel
CH 02	E2, IR A	CH 40	E40	CC 01	S1	CC 31	S31
CH 03	E3, IR B	CH 41	E41	CC 02	S2	CC 32	S32
CH 04	E4, IR C	CH 42	E42	CC 03	S3	CC 33	S33
CH 05	E5, IR D	CH 43	E43	CC 04	S4	CC 34	S34
CH 06	E6, IR E	CH 44	E44	CC 05	S5	CC 35	S35
CH 07	E7, IR F	CH 45	E45	CC 06	S6	CC 36	S36
CH 08	E8, IR G	CH 46	E46	CC 07	S7	CC 37	S37
CH 09	E9	CH 47	E47	CC 08	S8	CC 38	S38
CH 10	E10, IR H	CH 48	E48	CC 09	S9	CC 39	S39
CH 11	E11, IR J	CH 49	E49	CC 10	S10	CC 40	S40
CH 12	E12	CH 50	E50	CC 11	S11	CC 41	S41
CH 21	E21	CH 51	E51	CC 12	S12	CC 75	X
CH 22	E22	CH 52	E52	CC 13	S13	CC 76	Y
CH 23	E23	CH 53	E53	CC 14	S14	CC 77	Z
CH 24	E24	CH 54	E54	CC 15	S15	CC 78	Z+1
CH 25	E25	CH 55	E55	CC 16	S16	CC 79	Z+2
CH 26	E26	CH 56	E56	CC 17	S17		
CH 27	E27	CH 57	E57	CC 18	S18		
CH 28	E28	CH 58	E58	CC 19	S19		
CH 29	E29	CH 59	E59	CC 20	S20		
CH 30	E30	CH 60	E60	CC 21	S21		
CH 31	E31	CH 61	E61	CC 22	S22		
CH 32	E32	CH 62	E62	CC 23	S23		
CH 33	E33	CH 63	E63	CC 24	S24		
CH 34	E34	CH 64	E64	CC 25	S25		
CH 35	E35	CH 65	E65	CC 26	S26		
CH 36	E36	CH 66	E66	CC 27	S27		
CH 37	E37	CH 67	E67	CC 28	S28		
CH 38	E38	CH 68	E68	CC 29	S29		
CH 39	E39	CH 69	E69	CC 30	S30		

Technical information

What is “T-V LINK”?

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

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

Connect “DVI” devices

Connect a “DVI” device to “EXT-4 (HDMI)” using “DVI-HDMI” conversion cable. Connect analogue sound output of the DVI device to L and R terminals in EXT-3.

- Set “AUDIO” in “HDMI SETTING” to “ANALOGUE” or “AUTO” ➡ (P. 34)
- EXT-5 input does not support analogue sound (EXT-3).
- EXT-5 input does not support DVI devices.

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 “4:3 AUTO ASPECT” (P. 38)

If you accidentally cut the power cord

Attach a new plug following the steps below. If in doubt, contact your local retailer.

Important

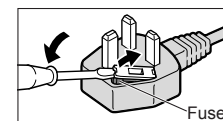
- Never connect to the larger terminal marked with an “E”, the safety earth symbol “⊥” or coloured green or green-and-yellow.
- The wires in the mains lead on this product are coloured with the following code:
 - Blue: Neutral wire (connect to the black terminal, or one marked “N”)
 - Brown: Live wire (connect to the red terminal, or one marked “L”)

Change the fuse in the plug

Open the plug as illustrated on the right.

- When replacing the fuse, always use a correctly rated and approved type and re-fit the fuse cover when finished.

If in doubt, contact your local retailer.



Technical information (continued)

Power supply for the indoor aerial

When using an indoor aerial which needs external power, set "Antenna Power" to "On" during "Initial settings" (P. 11). The TV will supply DC 5V 50mA (max) from the aerial socket through the cable to the aerial.

- Supplying power to outdoor and indoor aerials which does not need external power, may cause damage to the aerial. If you are uncertain whether the aerial needs external power, select "Off".
- Connect the aerial directly to the TV. When a recording device is connected between the aerial and the TV, power can not be supplied to the aerial.
- Power is supplied to the aerial only when the TV is on.

■ To change the setting after "Initial settings" is complete ➔ "Antenna Power" (P. 41)

Digital channels that cannot be watched on this TV

If a digital channel service uses new formats (such as DVB-H or MPEG4, etc.), or MHP, it cannot be watched even though the channel name appears.

If the channel is selected, the picture will not appear and audio cannot be heard.

- You can delete these channels by using the "Delete" in the "Edit PR".
➔ "Editing digital channels" (P.45)

"Dolby Digital" output from the "DIGITAL AUDIO OUT" terminal

Some digital channels are broadcasted with "Dolby Digital" signals.

In these cases, "Dolby Digital" signals can be output from the "DIGITAL AUDIO OUT" terminal.

1. Connect an audio system with a "Dolby Digital" decoder. (P. 10)
2. Change the "Digital Audio Output" setting from "PCM" to "Dolby Digital". (P. 41)
 - When changing the setting, the message "Dolby Digital selected! No analogue audio available." may be displayed for a few seconds.
 - Each time the channel is changed to a channel that is broadcast with "Dolby Digital" signals, the message "Dolby Digital selected! No analogue audio available." may be displayed for a few seconds.
 - Even if "Dolby Digital" is set, "linear PCM" signals will be output by a channel that is not broadcast with "Dolby Digital" signals.
Set the audio system so that it is compatible with both "Dolby Digital" and "linear PCM". (For details, refer to the audio system instruction manual.)
 - When you want to temporarily change the setting from "Dolby Digital" to "PCM", change with the "Audio Selection" menu (P. 29).

■ Set "Digital Audio Output" to "PCM" in the following cases.

The sound of a channel broadcast with "Dolby Digital" signals cannot be heard even when "Dolby Digital" is set.

- When listening with the TV speakers.
- When listening with an audio system that does not have a "Dolby Digital" decoder.
- When recording a programme.

■ If a language with "(Dolby)" is selected when "(Dolby)" is displayed in the "Audio Selection" menu (P. 29), the "Digital Audio Output" setting can be temporarily changed from "PCM" to "Dolby Digital".

- A message recommending you to change the "Digital Audio Output" setting to "Dolby Digital" is displayed for a few seconds.

■ If you want to record a "Dolby Digital" signal using timer-record (P. 27), change the "timer-record setting" from "PCM / Analogue" to "Dolby Digital". However, if the setting is changed to "Dolby Digital", you cannot record analogue sound with a recording device that is connected to the EXT-2 terminal.

■ "Dolby" and the double-D symbol are trademarks of Dolby Laboratories.

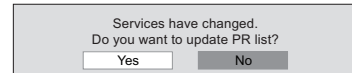
Technical information (continued)

Updating the PR list (Digital channel only)

The TV will run the reception test (for digital channel) at midnight (3AM) on a daily basis.

If the TV detects channels that became receivable or if the TV was not able to receive a certain channel, a message about updating the PR list will be displayed when the TV is turned on.

- The reception test will only operate when the TV is in standby. It will not operate when the TV is turned on.
- If the TV does not detect any channels that needs to be updated, a message will not be displayed.



■ To update the PR list

1. Select "Yes" and press the OK button.
2. "Service Scan" menu is displayed.

Run the service scan to update the PR list ➔ "Service Scan" (P. 43).

- If "Reinstall" is set in "Mode" of "Service Scan" menu, All PR list setting will reset and all the reservations for "Record" and "Remind" will be cancelled. If you want to leave those settings and just add channels, set the "Mode" of "Service Scan" menu to "Add" (P. 43).
- If "Add" is set in "Mode" of "Service Scan" menu, channels which the TV couldn't receive will not be deleted from the PR list. To delete those channels manually ➔ "Edit PR list" (P. 45).
- The service scan will take few minutes.

■ To cancel the update

Select "No" and press the OK button.

- If you want to update the PR list later, select "No" and press the OK button. Next time you turn on the TV this message will not be displayed but you can also update the PR list using "Service Scan" (P. 43).

Specifications

Main unit

Model	LT-32DG8BJ	LT-37DG8BJ	LT-42DG8BJ
Broadcasting systems	CCIR I		
Colour systems	TV broadcast : PAL External input : PAL, NTSC 3.58/4.43 MHz		
Channels and frequencies	<ul style="list-style-type: none"> ● Digital : E21-E68 (Frequency : 474 MHz-850 MHz) ● Analogue : UNITED KINGDOM : E21-E69 (UHF) IRELAND : IR A-IR J, E2-E12, E21-E69 (VHF/UHF) 		
Sound-multiplex systems	NICAM (I)		
Teletext systems	Digital : MHEG 5 UK profile Analogue : FLOF (Fastext), WST (World Standard System).		
Power requirements	AC 220 V - 240 V, 50Hz		
Audio output (Rated power output)	6 W + 6 W	6 W + 6 W	10 W + 10 W
Speakers	Oblique Cone (5.5 cm x 15 cm) oval x 2	Oblique Cone (5.5 cm x 15 cm) oval x 2	Twin Oblique Cone (5 cm x 20 cm) oval x 2
Power consumption [standby]	125 W [1.6 W]	170 W [1.6 W]	214 W [1.2 W]
Screen size (visible area size measured diagonally)	80 cm	92 cm	105 cm
Dimensions (W x H x D: mm) [without stand]	800 x 593 x 230 [800 x 545 x 101.6]	919 x 651.7 x 230 [919 x 603.8 x 110.5]	1030 x 719.1 x 296 [1030 x 672 x 110.5]
Weights [without stand]	14.4 kg [13.6 kg]	19.4 kg [18.2 kg]	23.1 kg [21.4 kg]

- A CAM (Conditional Access Module) for watching pay-TV digital channels can be installed (P.8).
- DC power can be supplied to the indoor aerial (P.55).

Terminals / Connectors

Terminal name		Terminal type	Signal type (IN)	Signal type (OUT)	Notes
Input / Output terminals	EXT-1	Euroconnector x 1 (SCART connector)	Composite video, Analog RGB AUDIO L / R	TV out	
	EXT-2	Euroconnector x 1 (SCART connector)	Composite video, S-video, Analog RGB AUDIO L / R	Dubbing out	"T-V LINK" compatible
Input terminals	EXT-3	RCA connectors x 5	Composite video, Analogue component (576i (625i) / 480i (525i), Progressive : 576p (625p) / 480p (525p), HD : 1080i (1125i), 720p (750p)) AUDIO L / R		
	EXT-4 (HDMI 1)	HDMI connector x 1	HDMI (576i (625i) / 480i (525i) / 576p (625p) / 480p (525p), 1080i (1125i), 720p (750p))		
	EXT-5 (HDMI 2)				
Output terminals	DIGITAL AUDIO OUT	OPTICAL connector x 1		Digital audio (48 kHz, 16 bit linear PCM / Dolby Digital)	
	Headphone	Stereo mini-jack x 1 (3.5 mm in diameter)		Headphone output	

- We may change the design and specifications without notice.