

JVC

CASTELLANO
ENGLISH

LT-26DX7BSP LT-26DX7SSP LT-32DX7BSP LT-32DX7SSP

TELEVISOR CON PANEL LCD PANORÁMICO MANUAL DE INSTRUCCIONES
WIDE LCD PANEL TV INSTRUCTIONS

JVC



LT-26DX7BSP

HD
ready
DynaPiX^{HD}
Powered by D.L.S.T.
InteriArt
HDMITM
HIGH-DEFINITION MULTIMEDIA INTERFACE
T-V LINK
MaxxBass[®]

DVB[®]
**Digital Video
Broadcasting**

Trade Mark of the DVB Digital Video Broadcasting
Project (1991 to 1996) Number : 3930, 3934, 3938, 3942



26/32-X-U

Apreciado cliente,

CASTELLANO

Este aparato cumple con las normativas y normas europeas respecto a la seguridad eléctrica y a la compatibilidad electromagnética.

El representante europeo de Victor Company of Japan, Limited es:
JVC Manufacturing U.K. Limited
2 Glenburn Road, College Milton Industrial Estate, East Kilbride G74 5BA
Reino Unido

Dear Customer,

ENGLISH

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 Manufacturing U.K. Limited
2 Glenburn Road, College Milton Industrial Estate, East Kilbride G74 5BA
United Kingdom

Información para los usuarios sobre la eliminación de equipos usados

CASTELLANO

[Unión Europea]

Este símbolo indica que los aparatos eléctricos y electrónicos no deben desecharse junto con la basura doméstica al final de su vida útil. El producto deberá llevarse al punto de recogida correspondiente para el reciclaje y el tratamiento adecuado de equipos eléctricos y electrónicos de conformidad con la legislación nacional.

Si desecha el producto correctamente, estará contribuyendo a conservar los recursos naturales y a prevenir los posibles efectos negativos en el medio ambiente y en la salud de las personas que podría causar el tratamiento inadecuado del producto desechado. Para obtener más información sobre el punto de recogida y el reciclaje de este producto, póngase en contacto con su oficina municipal, su servicio de recogida de basura doméstica o la tienda en la que haya adquirido el producto.

De acuerdo con la legislación nacional, podrían aplicarse multas por la eliminación incorrecta de estos desechos.

(Empresas)

Si desea desechar este producto, visite nuestra página Web www.jvc-europe.com para obtener información acerca de la retirada del producto.

[Otros países no pertenecientes a la Unión Europea]

Si desea desechar este producto, hágalo de conformidad con la legislación nacional vigente u otras normativas de su país para el tratamiento de equipos eléctricos y electrónicos usados.



Atención:

Este símbolo sólo es válido en la Unión Europea.

Information for Users on Disposal of Old Equipment

ENGLISH

[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]

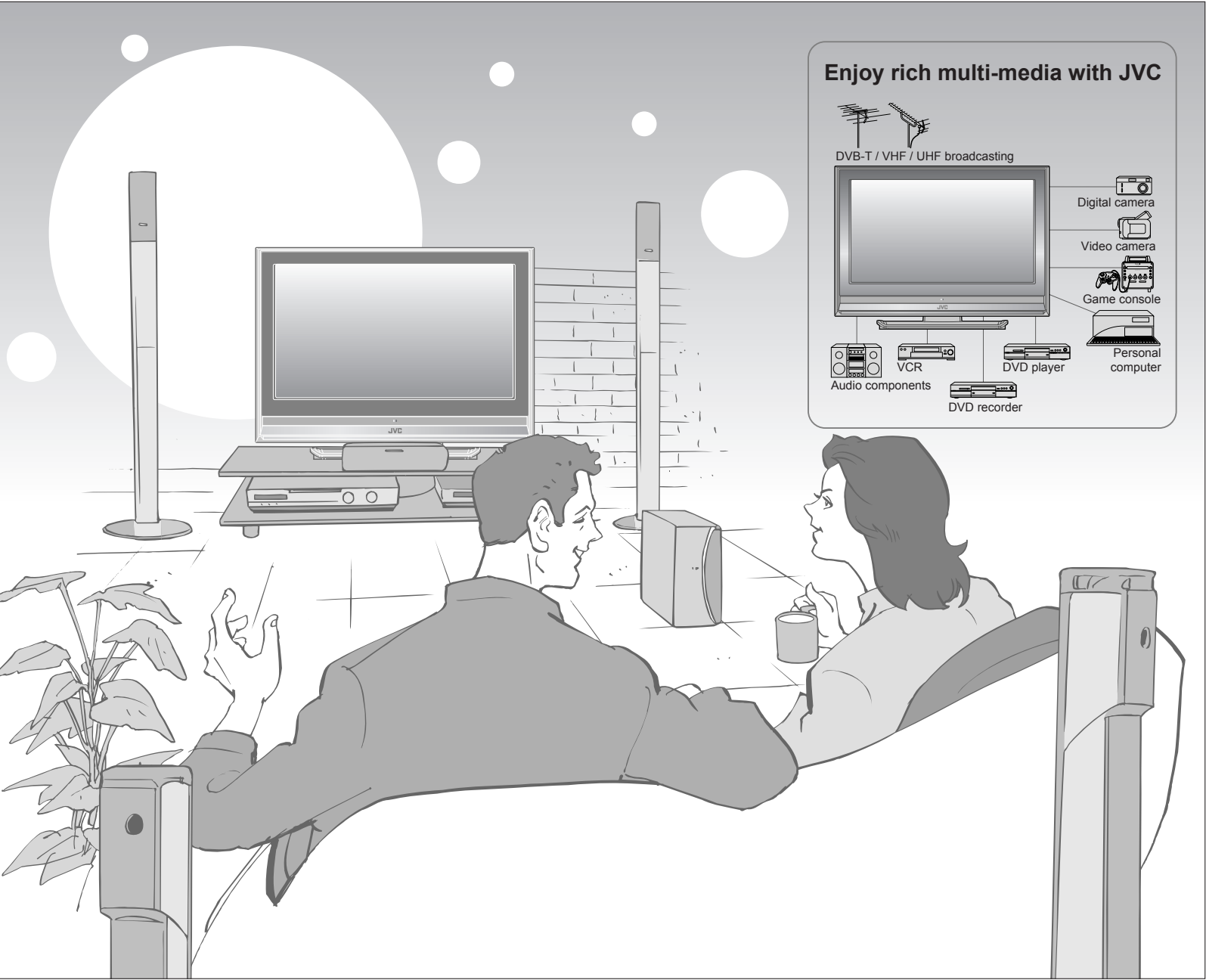
If you wish to dispose of this product, please do so in accordance with applicable national legislation or other rules in your country for the treatment of old electrical and electronic equipment.



Attention:

This symbol is only valid in the European Union.

Expanding the world of beautiful images



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

Contents

First things first!

- Warning 3

Getting started

- Names of all the parts 5
- Basic connections 7
- Connecting external devices 9
- Initial settings 11

Let's try it out

- Enjoying your new TV! 15
- Watching digital channels 17
- Using EPG 19
- Viewing teletext 21
- Watching analogue channels 23
- Watching videos / DVDs 25
- Using timer-record 27
- Useful functions 29
 - Subtitle / Audio selection / Sleep timer / Zoom / Multi-picture, etc.
- Operate JVC recorders and other devices 33

Just the way you like it

- Customising your TV 35
- Using DTV menu 37
- Advanced picture adjustment 39
 - Reduce noise / Watch a more natural picture
 - Set the aspect ratio, etc.
- DTV configuration 41
- DTV setup 43
- DTV installation 45
- Editing digital channels 47
- Editing analogue channels 49

When you have trouble

- Troubleshooting 51
- "CH/CC" List 55
- Technical information 56
- Specifications 58

Warning

Please follow all the guidelines below

Follow this manual regarding setup!

- Connect only to a 220-240V, 50/60Hz AC outlet.

Do not allow the TV to fall!

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

On disposal of the TV!

- Follow the instruction in "Information for Users on Disposal of Old Equipment" (P.11).



Never place anything on the TV!

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



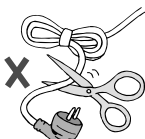
Make enough room for inserting and removing the power plug!

Place the TV as close to the outlet as possible!

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

Never cut or damage the power cord!

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



Never try to repair the TV yourself!

- ➔ If the problem cannot be solved in "Troubleshooting" (P. 51), unplug the power cord and contact your retailer.

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

- ➔ Unplug the power cord and contact your retailer.

Never expose to rain or moisture!

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



Never insert objects into the cabinet openings!

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

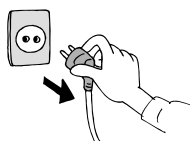


Never listen to headphones at high volume!

- It may damage your hearing.

Unplug the power cord when going out!

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



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.

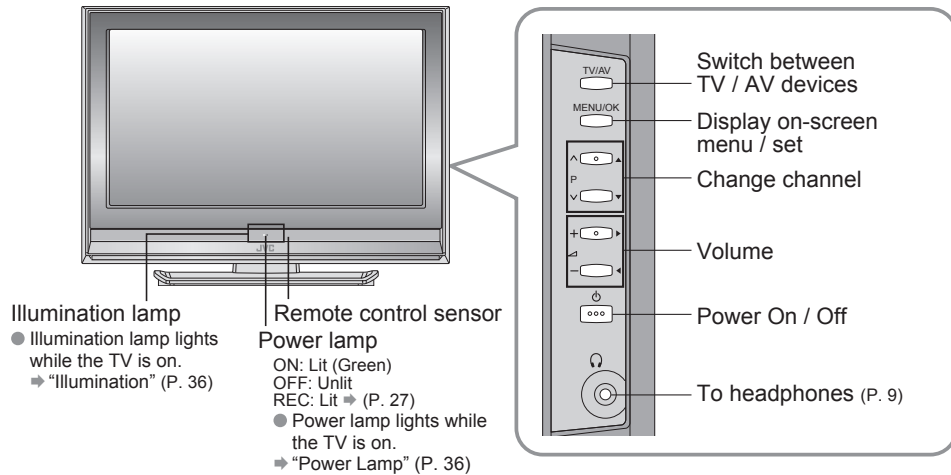
Do not carry the TV on your own!

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

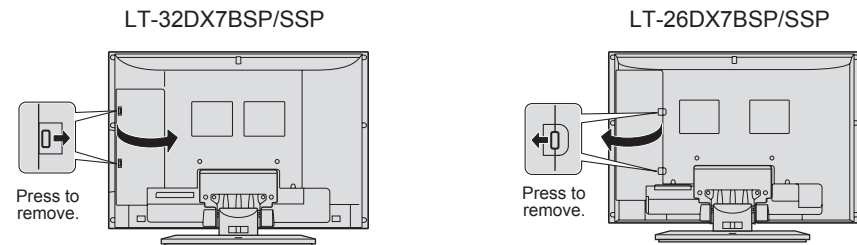


■ For more details on installation, usage and safety ➔ Consult your retailer

Names of all the parts

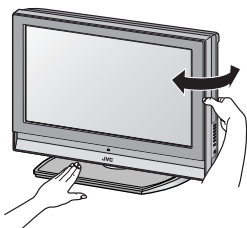


Remove the terminal cover

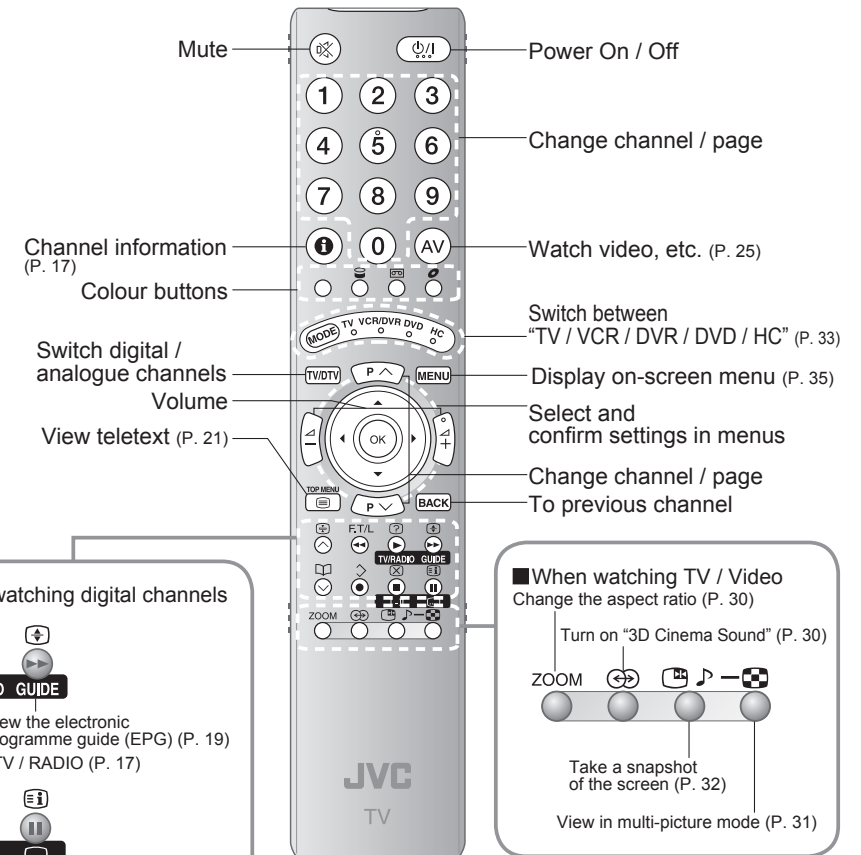
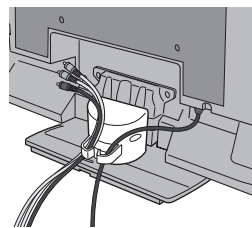


- If the cover cannot be closed due to the cables being in the way
 ➔ Do not force the cover to close (leave it open).
- Connecting terminals on the back of the TV ➔ Connecting External devices (P. 9)
- To remove the cable cover, refer to the included sheet.

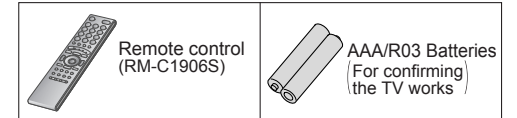
Direction of TV



Tidying the cables



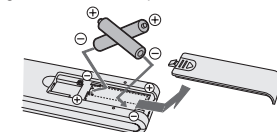
Check accessories



- LT-26DX7BSP/SSP
 To attach the stand, refer to the included sheet.

Insert the batteries

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

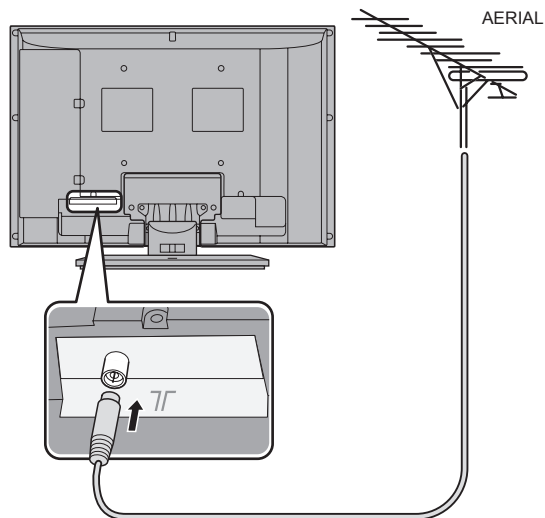


Basic connections

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

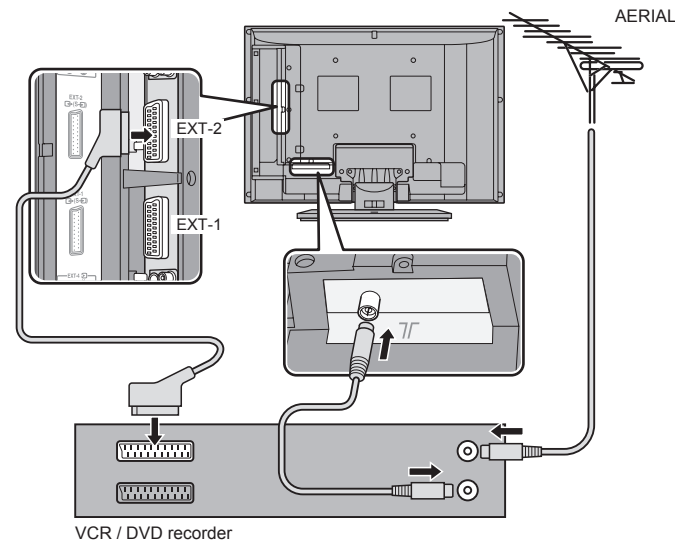
■ Connect with other devices ➔ "Connecting external devices" (P. 9)

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. 56)

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. 56)

Care when setting

■ Power requirements

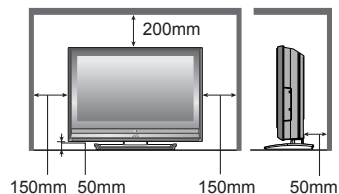
- Connect the power cord only to a 220-240V, 50/60Hz AC outlet.

■ 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

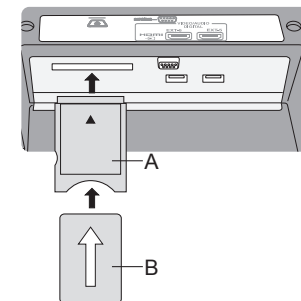
- To avoid overheating, ensure the unit has ample room.



Watch pay-TV digital channels

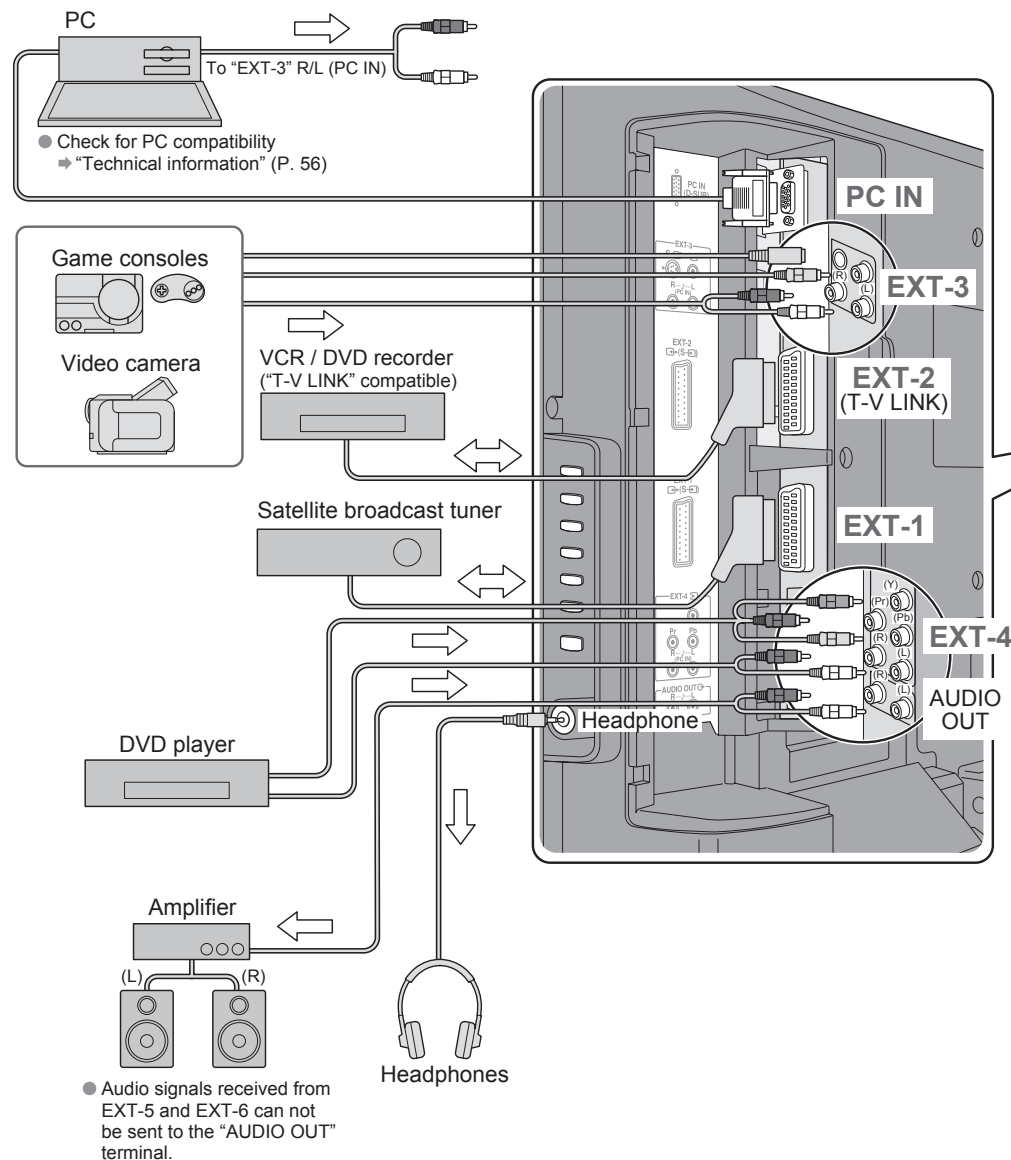
Subscribe to a broadcasting company beforehand. A Smart Card (B) will be sent by the broadcasting company after subscribing to it. It may be necessary for you to purchase a Conditional Access Module (A) in addition to the Smart Card. Consult your broadcasting company or retailer.

- 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. 43)
 - Pay-TV analogue channels cannot be watched.



Connecting external devices

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

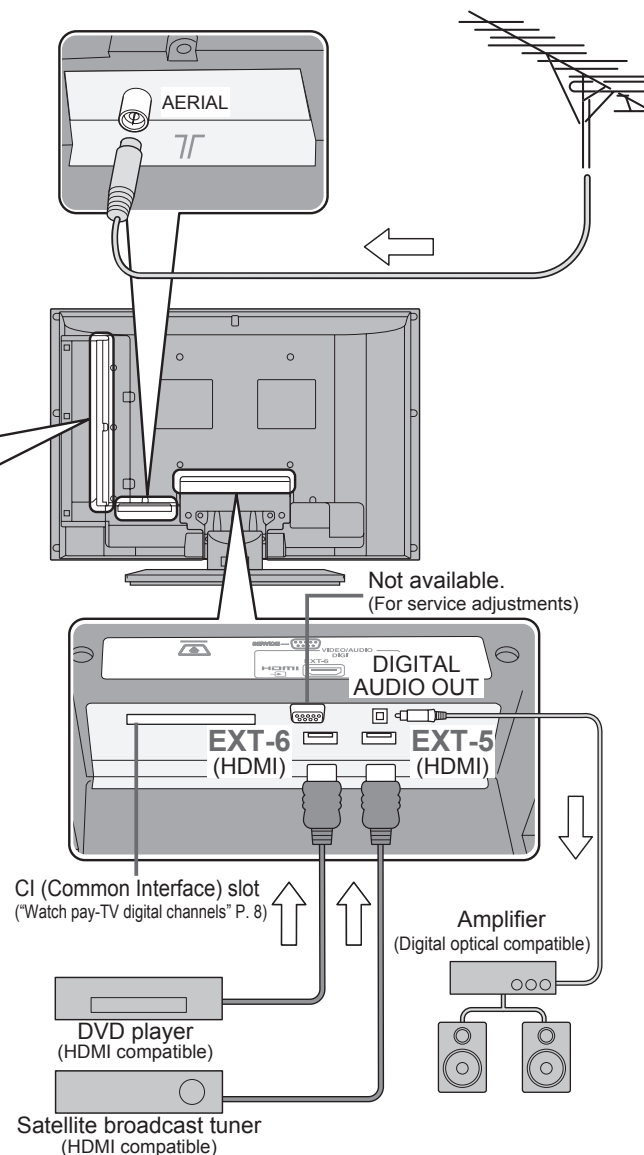


VCR / DVD / other devices

➔ : signal direction

■ Connect "DVI" devices
➔ (P. 56)

■ "T-V LINK" ➔ (P. 11)



EXT-1 Watching videos

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

● Use S-VIDEO ➔ "S-IN" (P. 26)

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

Output ➔	Input ➔
· Composite signal S-VIDEO (only for DTV) · Sound L / R	· Composite signal / RGB / S-VIDEO · Sound L / R

● Use S-VIDEO ➔ "S-IN" (P. 26)
● Use DTV S-OUT ➔ "S-OUT" (P. 26)
● Select dubbing sources
➔ "DUBBING" (P. 26)
● Connect a decoder
➔ "Decoder (EXT-2)" (P. 36)

EXT-3 Watching videos

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

EXT-4 Watching DVDs

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

● "Component Auto Select" ➔ (P. 36)

EXT-5 Connecting EXT-6 HDMI devices

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

● "HDMI Setting" ➔ (P. 36)
● EXT-6 input does not support
analogue sound.

AUDIO OUT Listening to the TV on external speakers

Output ➔
· Sound L / R

DIGITAL AUDIO OUT Listening to the digital audio of digital channels on external speakers

Output ➔
· Digital sound (P. 58)

● The sound from analogue channels
and external devices cannot be output.
"Dolby Digital output from the DIGITAL
AUDIO OUT terminal" ➔ (P. 57)

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 : "Configurations" (P. 41)
"Installation" (P. 45)
Analogue channel settings : "Set Up" (P. 36)

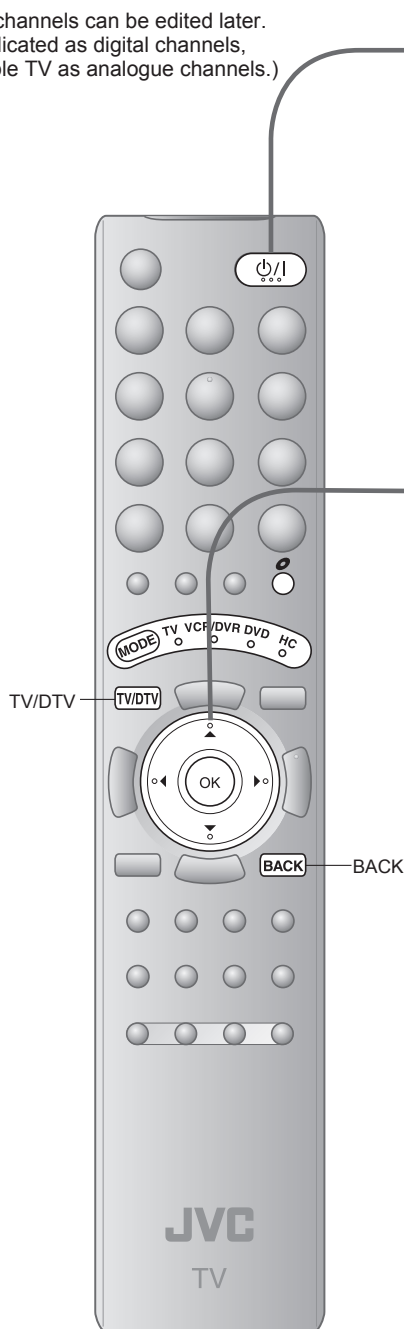
What is "T-V LINK"?

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. 56)

■ "T-V LINK" variations

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

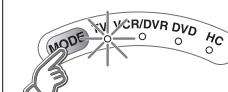


Begin



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

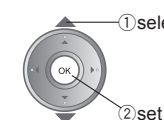
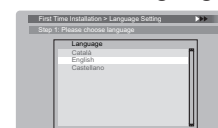
■ The remote control doesn't work



- Confirm the mode is set to "TV".

Set digital channels

1 Select a language



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

2 Confirm "Spain" is set



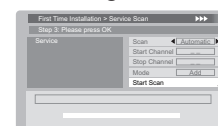
- This TV can only receive Spanish digital channels.

3 Set the aerial power supply



- Only when using an aerial which needs external power, select "On".
→ "Power supply for the indoor aerial" (P. 56)

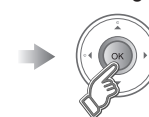
4 Scan digital channels



5 Register digital channels



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

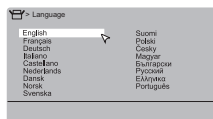


3 (Next page)

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

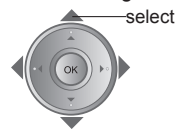
Initial settings (continued)

3 Confirm the language



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

■ When change a language

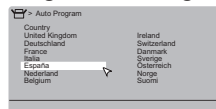


■ When not using analogue channels → TV/DTV → 5

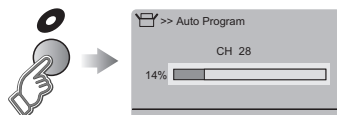
■ When using analogue channels (or cable TV) → 4

4 Set analogue channels

1 Register analogue channels

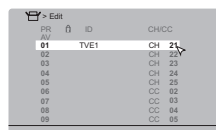


■ When change a country



- If "ACI Start" appears, select and start settings. (This will set up cable television channels.)
→ "What is "ACI" (Automatic Channel Installation)?" (P. 56)

2 Check what was registered



■ Edit analogue channels
→ 5 in "Editing analogue channels" (P. 49)



3 Set TV-LINK



■ When using T-V LINK



- If "Feature Not Available" appears :
→ Is a T-V LINK compatible device connected to EXT-2?
→ Is the device turned on?

■ When not using T-V LINK



5 Initial setting is complete

- Edit digital channels → Editing digital channels (P. 47)
- If digital channel reception is poor → When the digital channel reception is poor (P. 14)
- If analogue channel reception is poor → Troubleshooting (P. 51)
- Some digital channels cannot be watched on this TV. → (P.57)

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. 36), since the radio waves are too strong.

- Register digital channels again → "Service Scan" (P. 45)

■ 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. 36), since the radio waves are too strong.

■ Check digital channels signal → Signal Check (P. 45)

■ 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

Enjoying your new TV!

PAGE 17 Watching digital channels

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

PAGE 23 Watching analogue channels

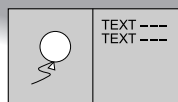
- View channel information
- Register your favourite channels



TV/DTV

PAGE 21 Viewing teletext

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

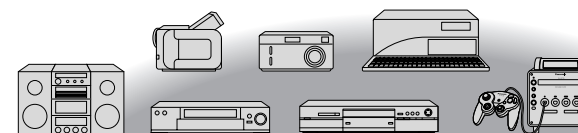


TV and Text mode



PAGE 19 Using EPG

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



PAGE 25 Watching videos / DVDs



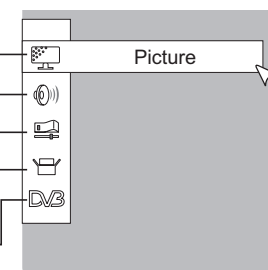
- Watch high quality video (S-VIDEO)
- Name connected devices
- Dub videos
- PC position adjustment



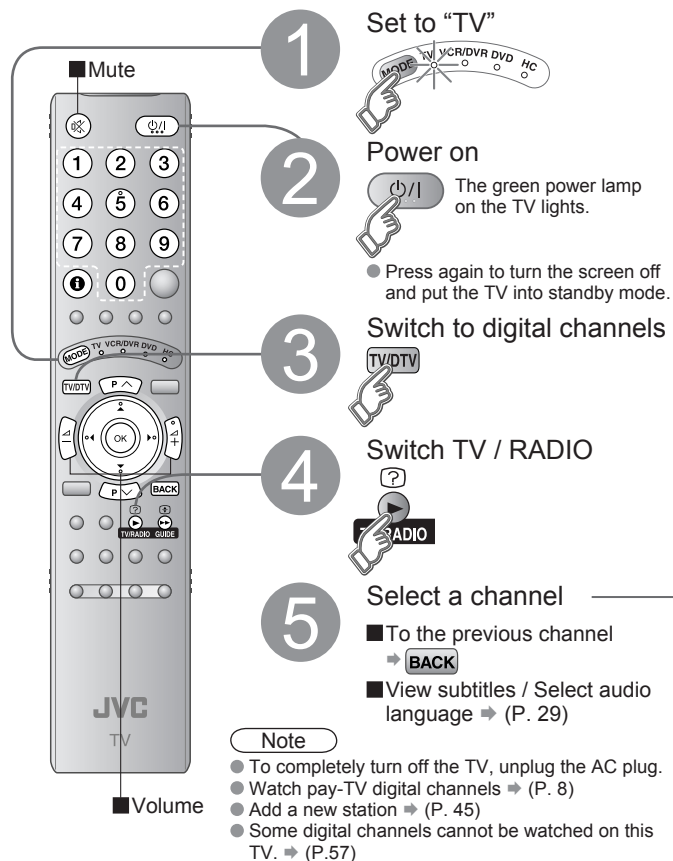
Personal preferences

PAGE 35

- 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.)



Watching digital channels



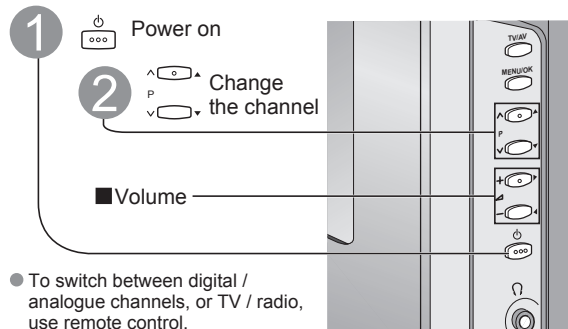
- Set to "TV"**
Press the **MODE** button (TV/VCR/DVR/DVD/HC).
- Power on**
Press the **Power** button. The green power lamp on the TV lights.
● Press again to turn the screen off and put the TV into standby mode.
- Switch to digital channels**
Press the **TV/DTV** button.
- Switch TV / RADIO**
Press the **TV/RADIO** button.
- Select a channel**
● To the previous channel → **BACK**
● View subtitles / Select audio language → (P. 29)

Note

- To completely turn off the TV, unplug the AC plug.
- Watch pay-TV digital channels → (P. 8)
- Add a new station → (P. 45)
- Some digital channels cannot be watched on this TV. → (P.57)

Volume

Basic operations using the side buttons

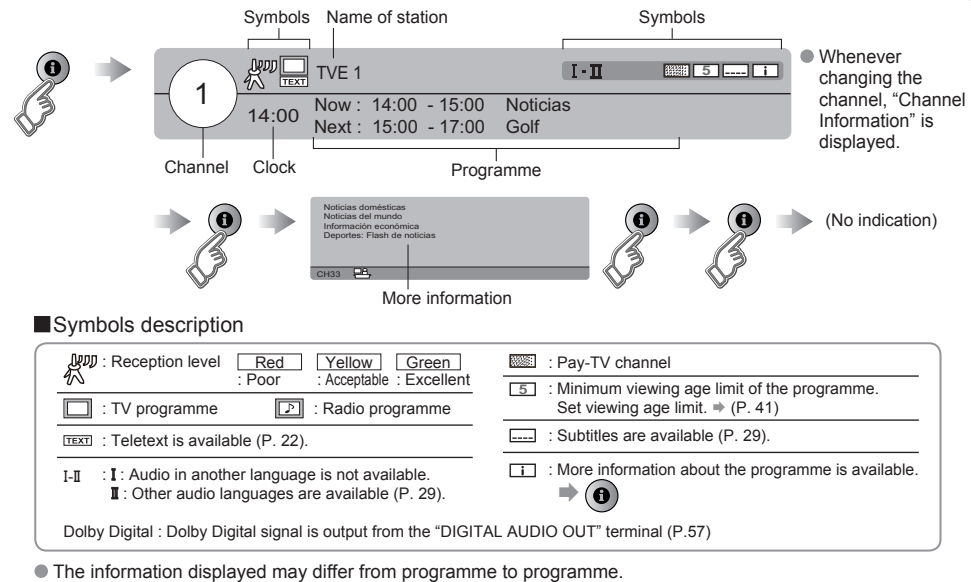


- Power on**
Press the **Power** button.
- Change the channel**
Press the **Channel** buttons (1-12).

Volume

● To switch between digital / analogue channels, or TV / radio, use remote control.

Channel information



Channel information display:

- Channel:** 1
- Clock:** 14:00
- Programme:** TVE 1
- Now:** 14:00 - 15:00 Noticias
- Next:** 15:00 - 17:00 Golf

Symbols description:

- Reception level:** Red (Poor), Yellow (Acceptable), Green (Excellent)
- TV programme:** TV programme
- Radio programme:** Radio programme
- Teletext:** Teletext is available (P. 22).
- Audio:** I-II : I : Audio in another language is not available. II : Other audio languages are available (P. 29).
- Pay-TV channel:** Pay-TV channel
- Minimum viewing age limit:** 5 : Minimum viewing age limit of the programme. Set viewing age limit. → (P. 41)
- Subtitles:** Subtitles are available (P. 29).
- More information:** More information about the programme is available. → (P. 29)

Dolby Digital: Dolby Digital signal is output from the "DIGITAL AUDIO OUT" terminal (P.57)

● The information displayed may differ from programme to programme.

Using PR list



PR List:

- 1. TVE 1
- 2. TVE 2
- 3. 24H TVE
- 4. CLAN/50 TVE
- 5. TM3
- 6. LAOTRA
- 7. ONDA6
- 8. TELEDEPORTE
- 9. VEO TV
- 10. VEO 2

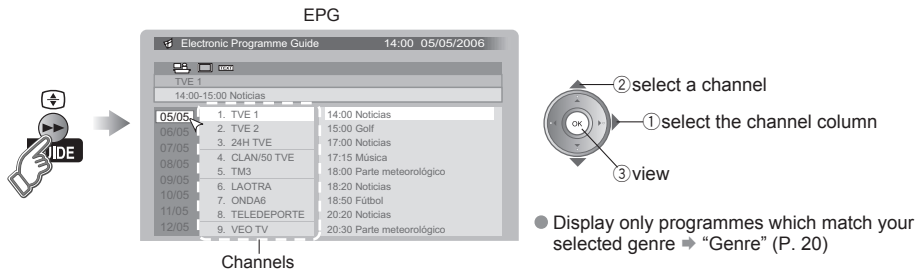
Steps:

- select**
- view**

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

● You can select only from your favourite channels → "Favourite mode" (P. 41)

Using EPG



EPG (Electronic Programme Guide):

- Channels:** 1. TVE 1, 2. TVE 2, 3. 24H TVE, 4. CLAN/50 TVE, 5. TM3, 6. LAOTRA, 7. ONDA6, 8. TELEDEPORTE, 9. VEO TV
- Programmes:** 14:00 Noticias, 15:00 Golf, 17:00 Noticias, 17:15 Música, 18:00 Parte meteorológico, 18:20 Noticias, 18:50 Fútbol, 20:20 Noticias, 20:30 Parte meteorológico

Steps:

- select a channel**
- select the channel column**
- view**

● 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: P ↑

Down: P ↓

● You can select only from your favourite channels → "Favourite mode" (P. 41)

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

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

Electronic Programme Guide 14:00 05/05/2006

Date	Channel	Programme
05/05	1. TVE 1	14:00 Noticias
06/05	2. TVE 2	15:00 Golf
07/05	3. 24H TVE	17:00 Noticias
08/05	4. CLAN/50 TVE	17:15 Música
09/05	5. TM3	18:00 Parte meteorológico
10/05	6. LAOTRA	18:20 Noticias
11/05	7. ONDAS	18:50 Fútbol
12/05	8. TELEDEPORTE	20:20 Noticias
	9. VEO TV	20:30 Parte meteorológico

■ Check programme information

■ Close EPG

■ Search from genre

Genre icon

General	Current Affairs
Movie	Telesales
Information	Leisure
Entertainment	Bullfighting
Sports	Series
Children	Adult
Music	Religion
Documentary	

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.

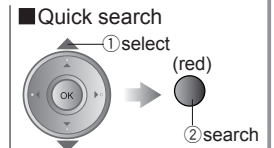
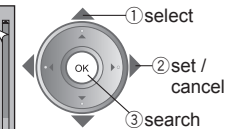
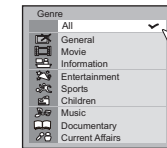
Display only programmes which match your selected genre

Genre

1 Display the genre List



2 Select a genre



● More than one genre can be selected.

● Only 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

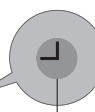
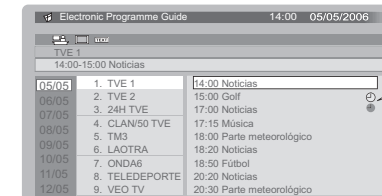
1 Display "Timer" ● Select the reserved programme beforehand



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)

Viewing teletext

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

1 Switch digital / analogue channels

2 TOP MENU

When watching TV

TV TEXT

TEXT TEXT

TEXT TEXT

● Enter a teletext page

1 2 3
4 5 6
7 8 9
0

● Move up or down a page

P ^ up

P v down

● View sub-pages

to sub-page

01 02 01 02

● To change the default language for teletext in digital channels
→ "Teletext Language" (P. 41)

1 F.T/L Display your favourites list

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

2 Select a coloured button to save your page to

?? ? ? ? ? ? ? ? ?

3 Enter the number of the page to save

?? ? ? ? ? ? ? ? ?

1 2 3
4 5 6
7 8 9
0

4 Save

LIST MODE

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

Hold the current page

HOLD

Hold the current page

Release → Press "HOLD" 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

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

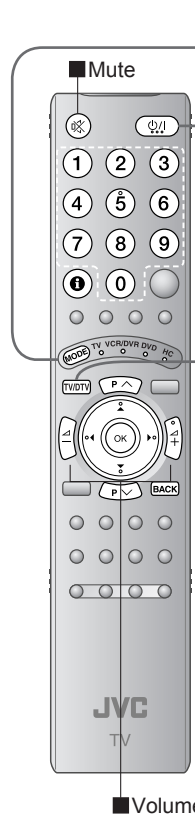
TEXT

TEXT

P233

● Useful when running a page search.

Watching analogue channels



- 1 Set to "TV"**
MODE TV VCR/DVR DVD HC
- 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 analogue channels**
TV/DTV
- 4 Select a channel**
■ To the previous channel
→ BACK

■ Switch between mono / stereo / bilingual broadcasting
→ "Stereo / I-II" (P. 36)

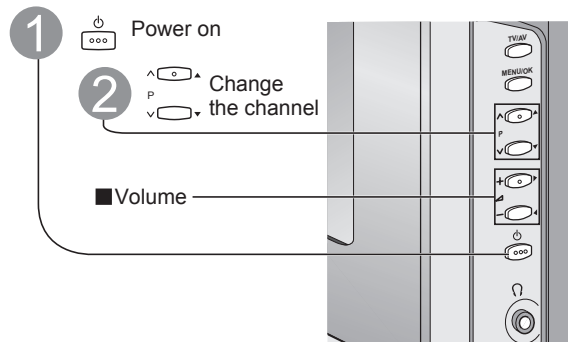
Note

- To completely turn off the TV, unplug the AC plug.
- To watch analogue channels you must register them beforehand.
→ "Auto Program" (P. 36)

■ Mute

■ Volume

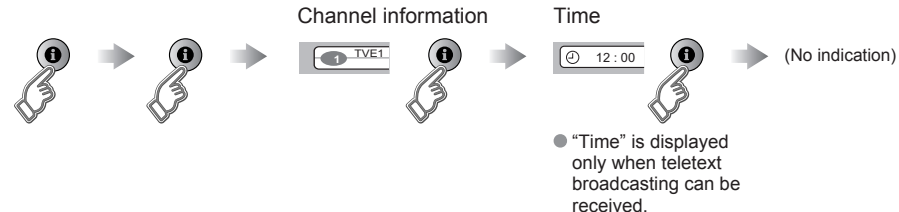
Basic operations using the side buttons



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

■ Volume

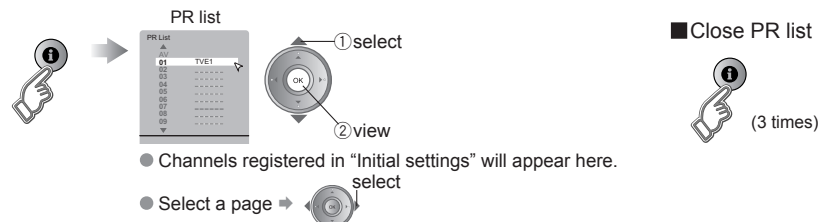
Channel information and clock



Channel information and clock

● "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

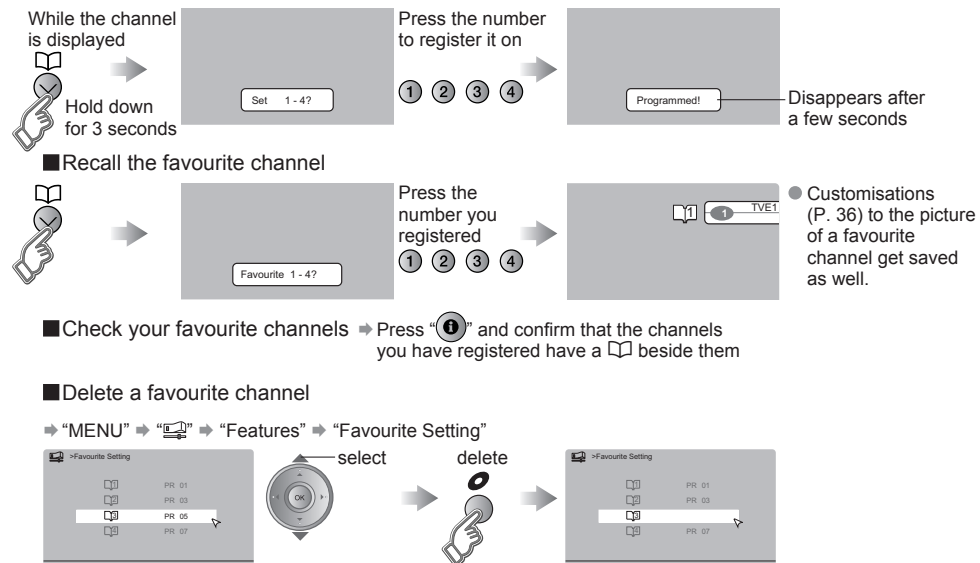
■ Move up or down a channel

P ^ up

P v 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

1 2 3 4

Programmed!


Disappears after a few seconds

■ Recall the favourite channel

Press the number you registered

1 2 3 4

● Customisations (P. 36) to the picture of a favourite channel get saved as well.


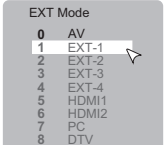
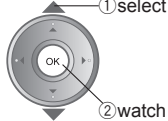
■ Check your favourite channels → Press "i" and confirm that the channels you have registered have a  beside them

■ Delete a favourite channel







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

select delete

Watching videos / DVDs



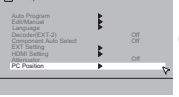
- Select the video source**
 →  E.g. For EXT-1

- Operate the connected device and play a video**
 ■ Operate JVC recorders and other devices (P. 33)

Select the video source using the side buttons

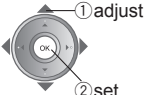

-  → 
-  → 
-  → 

■ To TV


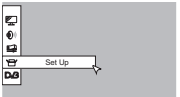
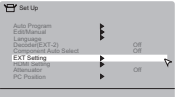
PC position adjustment

- Display the menu bar**

- Select "Set Up"**

- Select "PC Position"**


● Shown only when "PC" is selected.

- Adjust**

- Reset position**


Advanced functions

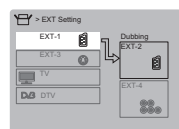

- Display the menu bar**

- Select "Set Up"**

- Select "EXT Setting"**


Switch to S-VIDEO input / output

S-IN

S-OUT

(Digital channels)

- Select the EXT connected to S-VIDEO**

- Set S-VIDEO input**


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

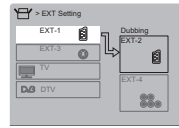
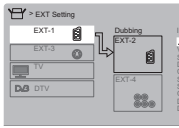
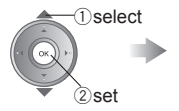
● S-OUT is not available when EXT-2 receives an RGB input.

■ Cancel this mode → Press "S-OUT" in ② again

■ Set the S-OUT → Cancel S-IN at "EXT-2", then select "DTV" and press yellow button. (available only for digital channels)

Edit names of connected devices

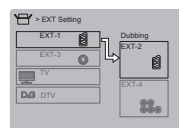

ID LIST

- Select an EXT to assign a name to**

- Show the name list**

- Select a name from the list**


■ Clear the name → Select the blank space in ③

Set up dubbing on EXT-2

DUBBING

- Select the arrow**

- Select the dubbing source**


■ Record digital channels with S-VIDEO → Set S-OUT at "DTV".

Using timer-record

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

- Switch to digital channels

TV/DTV

Switch TV / RADIO
- Display the menu bar

MENU
- Select "DTV"

DTV
- Select "Timer"

DTV Menu

Timer
- Set "Timer"

Timer

Start End Date Mode

Timer list empty
- Select an item

Please select timer

Record Remind

Up to 20 programmes can be reserved.

Cancel a reservation

Select the reservation. Press "OK". Select "Yes" and press "OK" button.

Change a reservation

Select the reservation and press "OK".

Search a channel using EPG

Press "OK"
- MENU

DTV menu cannot be operated with the side buttons.

Reserve a programme to record

Record

Reserve a programme to watch

Remind

1 Input / confirm timer-record settings

PR	TVE 1	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, Doby Digital) (P. 57)
Subtitle	Off	Set subtitle recording (Off / On)
Maturity Rating	Lock	Lock the recording with the maturity rating (Lock / Unlock)

- A message will be displayed if there is problem with the reservation
- In the following cases, enter the PIN code "When entering the PIN Code" (P. 38)
 - When changing the "Maturity Rating"
 - When reserving a channel which is set to "Lock" (P. 47)

2 Set

TV programme

Radio programme

At the start time, the channel will automatically change and the device connected to EXT-2 will begin recording the programme.

When "Maturity Rating" is set to "Unlock"

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	TVE 1	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

If the TV's power is off at the start time, nothing happens.

At the start time, the channel will automatically change.

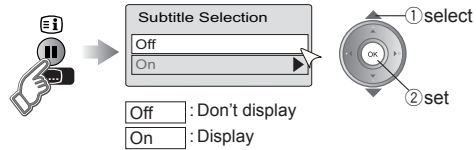
If you reserved the programme using EPG, the screen will return to EPG instead.

Step 3 in "Timer" (P. 20)

Useful functions

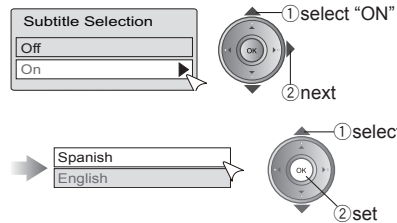
View subtitles

SUBTITLE
(Digital channels)



- By default, the language set in "Subtitle Language" (P. 41) 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

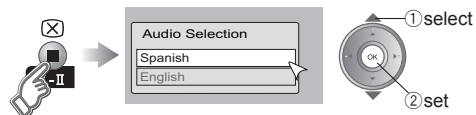


⦿ : Special subtitles for the hearing impaired
Undefined : When the subtitle's language cannot be identified

- The language that can be selected depends on the broadcast.

Select audio language

AUDIO SELECTION
(Digital channels)

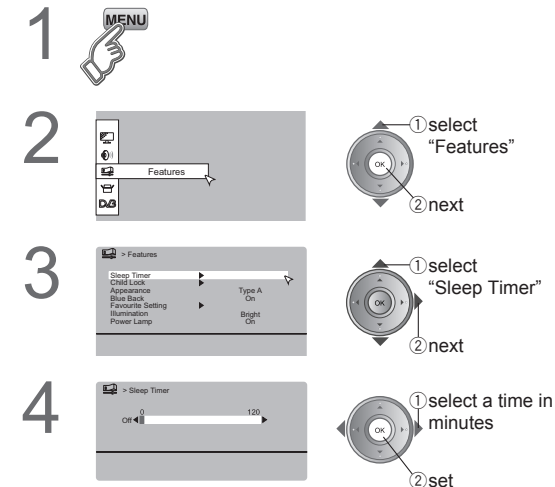


⦿ : Special audio track for the visually impaired
Undefined : When the audio's language cannot be identified
Dolby : Dolby Digital

- The language that can be selected depends on the broadcast.
- Please read "Dolby Digital" output from the "DIGITAL AUDIO OUT" terminal (P. 57) before selecting "Dolby"

Set a time for the TV to turn itself off

SLEEP TIMER

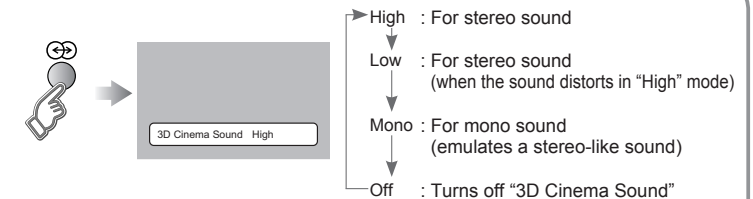


- Cancel → Set the time to "0" in step 4

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

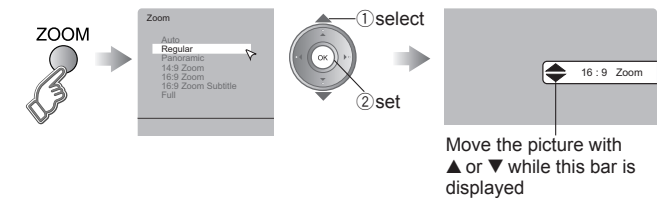
Enjoy ambient sound

3D CINEMA SOUND



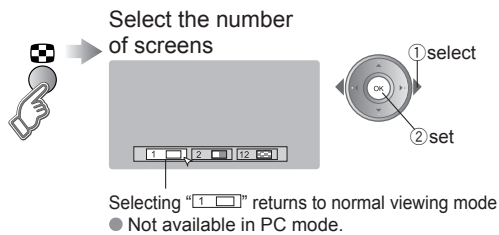
Change the aspect ratio

ZOOM



- When set to "Auto", the aspect ratio will turn to the ratio obtained from the information the TV received. Without receiving aspect information, it will be the setting in "4:3 Auto Aspect" (P. 39)
- Not available in 1080i (1125i) / 720p (750p) signals.
- In PC mode, "Regular" and "Full" can be selected.

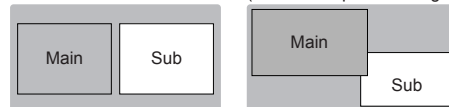
Useful functions (continued)



■ Watch in dual-picture mode

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

(For wide aspect ratio signals)



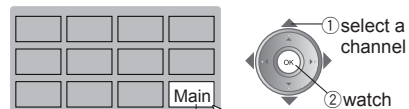
- Switch between the sound sources
→ (Main) (Sub)

- Change the channel
→ (Main) (Sub)

- When watching digital channels, there may be occasions where the aspect ratio changes, for example during commercials. In this case, the layout of the screen in dual-picture mode changes automatically according to the aspect ratio signal.

■ Select an analogue channel in 12-screen mode

All registered channels are displayed as still images.



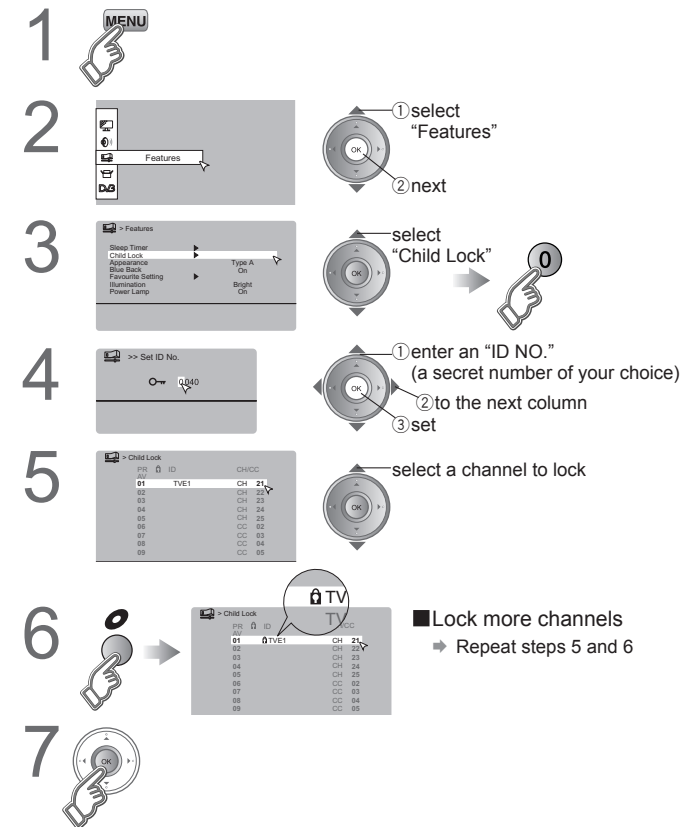
Only the selected frame has a moving picture.

- Move up or down a page → (Main) (Sub)
- Not available when in digital channels, EXT-5, or EXT-6 input.



Stop children from watching specific channels

CHILD LOCK
(Analogue channels)

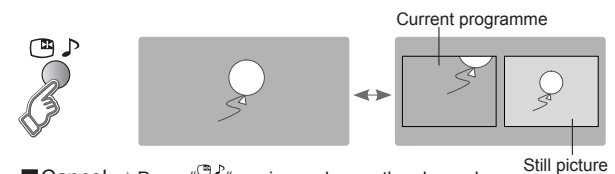


■ Release a channel → Press "0" again in step 6

■ View a locked channel → Use the numerical buttons to enter the channel number. When appears, press "0" and enter your "ID No.". (If you forget your "ID No.", check it in step 4.)

Take snapshots of the screen

FREEZE
(Analogue channels)

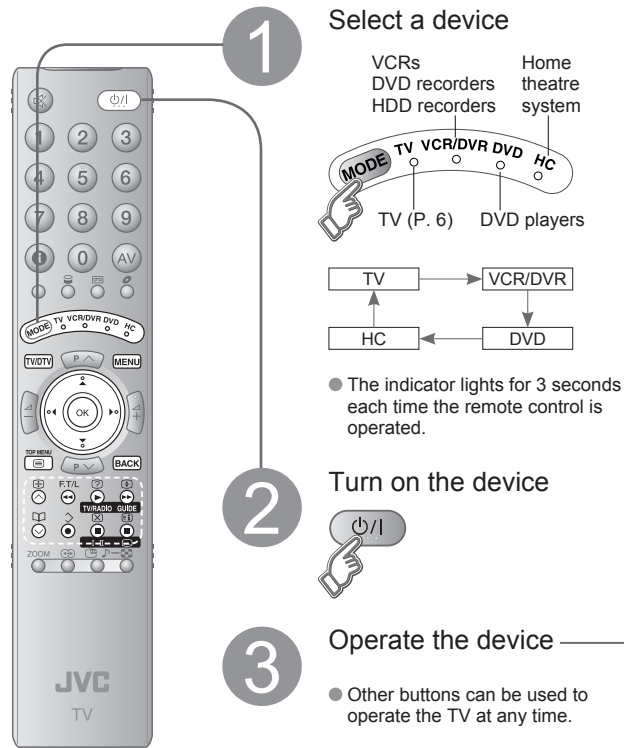


■ Cancel → Press again, or change the channel

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

Operate JVC recorders and other devices

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



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

■ Code A or 1 (Default)

■ Code C or 3



Press and hold



Press and hold

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

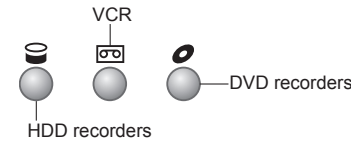
Note

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

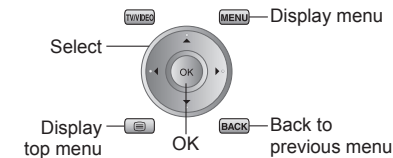
Operate the VCR, DVD recorder or HDD recorder

VCR/DVR

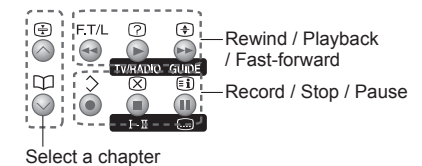
Select VCR / DVD recorder / HDD recorder



■ Operate DVD / HDD recorder menus

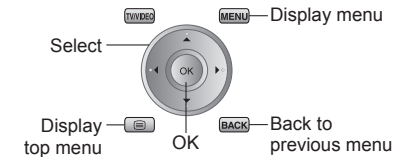


■ Playback / Record etc.

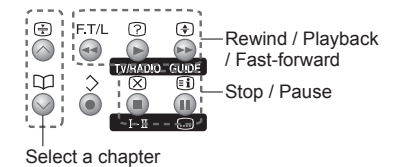


■ Display the subtitle (DVD / HDD recorder mode) → Press "i"

■ Operate DVD menus

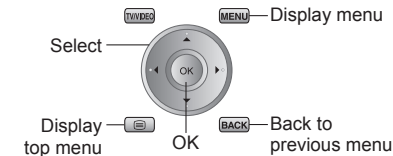


■ Playback etc.

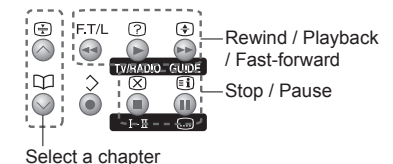


■ Display the subtitle → Press "i"

■ Operate HC menus



■ Playback etc.



■ Display the subtitle → Press "i"

■ Mute → Press "M"

■ Volume → Press "V"

■ Select a surround mode → Press "S"

Operate the DVD player

DVD

Operate the home theatre system

HC

Customising your TV

1 Display the menu bar

2 Select a menu

3 Select an item

4 Adjust / Configure

● DTV menu is available only when watching digital channels ➔ (P. 37)

■ To the previous screen ➔ **BACK**

■ Exit ➔ **MENU**

● The menu disappears after one minute of inactivity.

■ When adjusting with the sliding-bar

■ When selecting from presets

● Some items have a sub-menu.

Menu	Item	Adjustments / Configurations
Picture	Picture Mode	Picture mode (Bright / Standard / Soft)
	Bright-1	Backlight brightness (Darker ⇄ Brighter)
	Contrast	Contrast (Lower ⇄ Higher)
	Bright-2	Brightness (Darker ⇄ Brighter)
	Sharp	Sharpness (Softer ⇄ Sharper)
	Colour	Colour (Lighter ⇄ Deeper)
	Hue	Tint (Reddish ⇄ Greenish)
	Colour Temp.	Colour temperature (Warm / Normal / Cool)
	Features	Finer picture adjustments (P. 39)
	Stereo / I · II	Mode / Language (O : MONO / ∞ : STEREO / I : SUB1 / II : SUB2)
Sound	Bass	Low tones (Weaker ⇄ Stronger)
	Treble	High tones (Weaker ⇄ Stronger)
	Balance	Speaker balance (Left Stronger ⇄ Right Stronger)
	3D Cinema Sound	Ambience level (High / Low / Mono / Off)
	MaxxBass *1	Emphasize the bass sound (Off / Low / High)
	Voice Enhancer	Sound enhancement technology (On / Off)
	Sleep Timer	Timer for turning off the TV (P. 30)
Features	Child Lock	Stops children from watching specific channels (P. 32)
	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 (On / Off)
	Favourite Setting	Clear favourite channel settings (P. 23)
	Illumination	Lights illumination lamp (P. 5) while the TV is on (Bright / Soft / Off)
	Power Lamp	Lights power lamp (P. 5) while the TV is on (On / Off)
	Auto Program	Select a country, it automatically registers channels (P. 13, ④)
Set Up	Edit / Manual	Change registered channels or add new ones (P. 49)
	Language	Select a language for on-screen analogue channel displays and menus (excluding the DTV menu) (P. 13, ②)
	Decoder(EXT-2)	For when connected to VCR with "T-V LINK" (On / Off)
	Component Auto Select	Changes the TV input to "EXT-4" when a component signal is input to "EXT-4" (On / Off) (Not available when viewing PC)
	EXT Setting	For use with video players and other devices (P. 26)
	HDMI Setting	HDMI-1 (EXT-5) : Size (1 / 2 / Auto), Audio (Digital / Analogue / Auto) HDMI-2 (EXT-6) : Size (1 / 2 / Auto)
	Attenuator	For when digital channels are not received because of too strong radio waves (On / Off)
	PC Position	PC position adjustment (P. 25)
	Other settings	Change the aspect ratio ➔ "ZOOM" (P. 30) Turn on "3D Cinema Sound" ➔ "3D CINEMA SOUND" (P. 30)

● Other settings · Change the aspect ratio ➔ "ZOOM" (P. 30)
· Turn on "3D Cinema Sound" ➔ "3D CINEMA SOUND" (P. 30)

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

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 bar

3

Select "DTV"

4

Select "Setup"

5

Select an item

E.g. "Antenna Power"

6

Change setting

E.g. "Antenna Power"

7

Finish

■ To the previous screen
→ **BACK**

■ Exit
→ **MENU**

● DTV menu cannot be operated with the side buttons.

Menu	Item	Adjustments / Configurations
DVB DTV	Timer	Reserve a programme to record / watch (P. 27)
	Edit PR	Edit / Delete / Lock registered digital channels or add them to favourites. (P. 47)
	Configuration	Country
		Menu Language
		Audio Language
		Subtitle Language
		Teletext Language
		Enter PIN Code
		Favourite Mode
		Maturity Rating
	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. 41)

Advanced picture adjustment

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



- Display the menu bar**
Press **MENU**.
- Select "Picture"**
Use the **OK** button to select **Picture** from the menu bar.
- Select "Features"**
Use the **OK** button to select **Features** from the **Picture** menu.
- Select an item**
Use the **OK** button to select an item from the **Features** menu.
E.g. "Super DigiPure"
- Change settings**
Use the **OK** button to select a setting from the **Super DigiPure** menu.
E.g. "Super DigiPure"
- Finish**
Press **OK** to finish.

■ To the previous screen
→ **BACK**


■ Exit
→ **MENU**

● The menu disappears after one minute of inactivity.

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
Movie Theatre	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. 36).	
MPEG Noise Reduction	To reduce MPEG video noise	On	Off : Function is turned off	On : When noise appears		
Colour System	When there is no colour	① Select the screen to change settings on Main Sub : Main picture : Sub-picture in MULTI-PICTURE mode (P. 31)				
		② Select the colour system PAL SECAM NTSC 3.58 NTSC 4.43 Auto : Western Europe : Eastern Europe / France : USA 3.58 MHz : USA 4.43 MHz : When watching videos, etc.				
4:3 Auto Aspect	Set a default aspect ratio	Select a default aspect ratio for Auto in "Zoom" (P. 30) Panoramic Regular 14:9 Zoom 16:9 4:3 14:9				

DTV configuration

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



- 1 Switch to digital channels
- 2 Display the menu bar
- 3 Select "DTV"
- 4 Select "Configuration"
- 5 Select an item
- 6 Finish

■ To the previous screen
→ **BACK**

■ Exit
→ **MENU**

Country

The country of installation

Spain

Spain

● Spain only

Menu Language

Select a language for on-screen menus

English

English Castellano Català

Audio Language

Select a default language for audio

Spanish

Spanish Catalan

Basque Gallegan

● For visually impaired

Subtitle Language

Select a default language for subtitle

Spanish

Spanish Catalan

Basque Gallegan

● For hearing impaired

Teletext Language

Select a default language for teletext

Spanish

Spanish Catalan

Basque Gallegan

Change PIN code

Enter PIN Code

① Select "Enter Pin Code"

Configuration

Country

Menu Language

Audio Language

Subtitle Language

Teletext Language

Enter PIN Code

Favourite Mode

Maturity Rating

① select

② next

② Input the current code

This function is locked. Please enter PIN code

1 2 3

4 5 6

7 8 9

0

● Default is "0000".
→ "When entering the PIN code" (P. 38)

● If you forget the code Input "0081"

③ Input a new code twice.

Enter new PIN code

Confirmation

PIN code changed

OK

① select

② set

Enable your favourite channels

Favourite mode

① Select "Favourite Mode"

Configuration

Country

Menu Language

Audio Language

Subtitle Language

Teletext Language

Enter PIN Code

Favourite Mode

Maturity Rating

① select

② Select "On"

On

① select

② set

● If you cannot select "On", register channels in "favourites" first → "Favourites" (P. 47)

Set the viewing age limit

Maturity Rating

① Select "Maturity Rating"

Configuration

Country

Menu Language

Audio Language

Subtitle Language

Teletext Language

Enter PIN Code

Favourite Mode

Maturity Rating

① select

② next

② Select age

Maturity Rating

None

Age 4

Age 5

Age 6

Age 7

Age 8

Age 9

Age 10

Age 11

Age 12

① select

② set

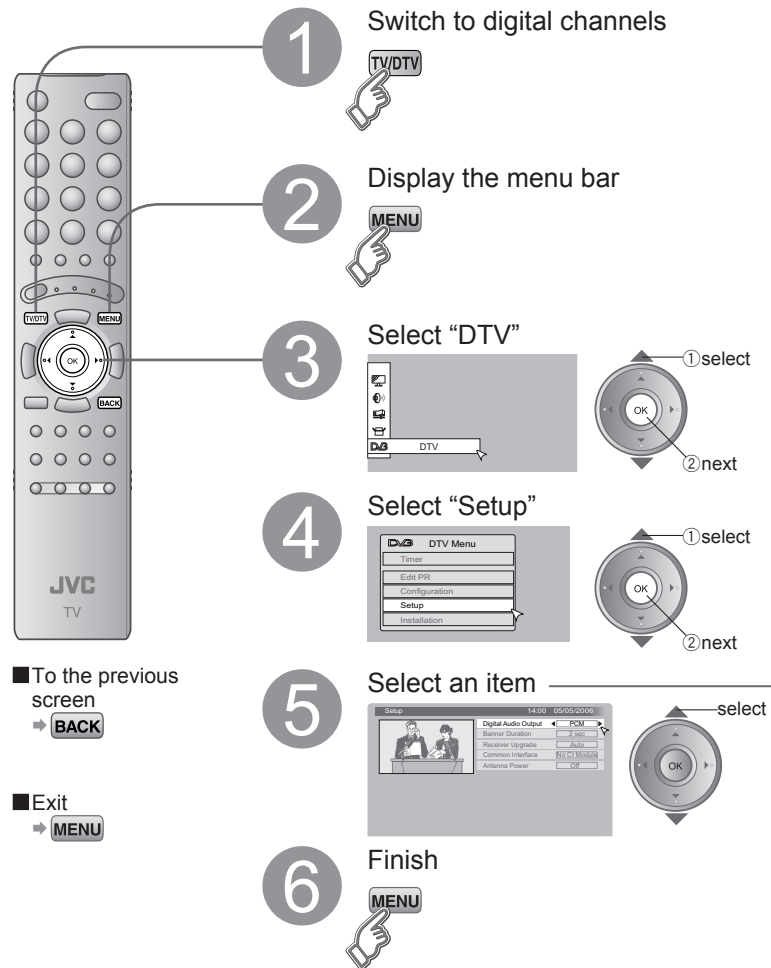
● Only programmes with a maturity rating can be restricted.

● To watch the restricted programme, the PIN code must be entered.

⊗ (X-Rated): For adult channels

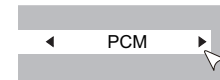
DTV setup

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



Output the Dolby Digital signal

Digital Audio Output



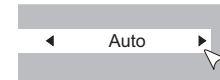
PCM
: The Linear PCM signal is output

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. 57) before setting.

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



Auto
: Automatically download and install software upgrades

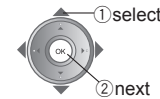
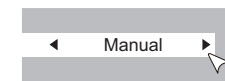
Manual
: Manually download and install software upgrades

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

● When you change the setting, enter PIN code

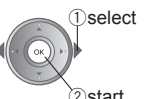
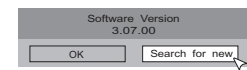
■ When JVC or the broadcasting station informs you of the new software, download it as follows.

① Select "Manual"



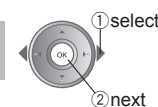
● Enter PIN code if needed.

② Select "Search for new"



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

③ Select "Yes"

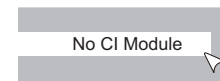


"Software upgraded successfully! TV will now reset!"



● 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 menu.
This function can only be used when pay-TV can be received in your region.



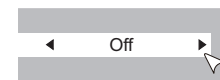
No CI Module
: Function is not available

● 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. 56) before setting.

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

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 bar

3

Select "DTV"

4

Select "Installation"

5

Select an item

6

Finish

Register a new channel

Service Scan

- To the previous screen
→ **BACK**
- Exit
→ **MENU**

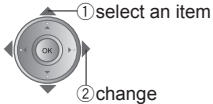
Register a new channel

Check the broadcast signal

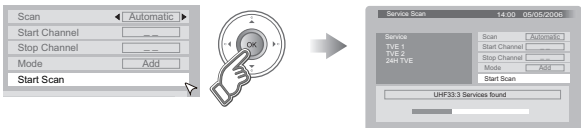
Initialise the DTV settings

① Set items

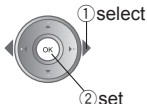
Scan	Automatic : Scan automatically Manual : Scan a specified channel range Network : You can select and register only necessary networks.
Start Channel	
Stop Channel	Specify a scanning channel range (For "Manual")
Mode	Add : Add a new channel to the registered channel Reinstall : Register all channels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



② Select "Start scan"

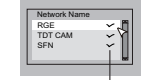


③ Select "Yes"

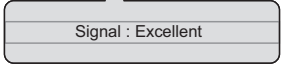


■ For "Network"

Select broadcasting stations from a list

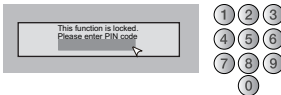


- This channel is the frequency of the digital broadcasting. It differs from the channel number displayed in the TV.
- Select another broadcast channel →



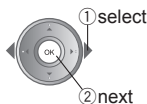
All registered digital channels are deleted and the DTV menu settings are initialised. Digital channels are reregistered.

① Enter PIN code



- Default is "0000".
→ "When entering the PIN code" (P. 38)

② Select "Yes"



→ 2 in "Initial settings" (P. 12)

ENGLISH

IMPORTANT!

PREPARE

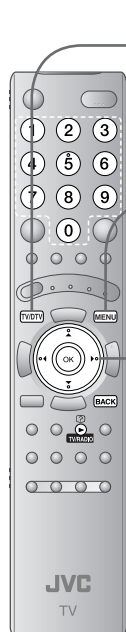
USE









SETTINGS



TROUBLE?

Editing digital channels

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



- Switch to digital channels


- Display the menu bar

- Select "DTV"

- Select "Edit PR"

- Select a channel

- Edit

- Finish


 To the previous screen
 Exit

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

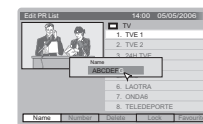
① Select "Name"



② Change the name



③ Set



① Select "Number"



② Change the number



③ Select "OK"

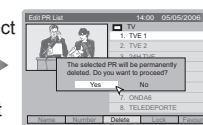


- Only when the same channel number exists.
- The channels are rearranged in numerical order.

① Select "Delete"



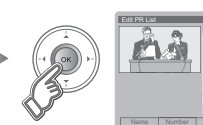
② Select "Yes"



① Select "Lock"



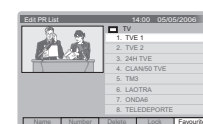
② Lock



- Enter PIN code if needed
 ➔ "When entering the PIN code" (P. 38)

- 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"




- To release, press "OK" button again.

- To move through only your favourite channels and have them appear in the PR list.
 ➔ "Favourite Mode" (P. 41)

Editing analogue channels

Edit the channels registered with "Auto Program" in "Initial settings" (P. 13).

When coming from "Initial settings" (P. 13), skip to 6.



- Switch to analogue broadcasting**
Press **TV/DTV**.
- Display the menu bar**
Press **MENU**.
- Select "Set Up"**
Press **OK** to select **Set Up**.
- Select "Edit / Manual"**
Press **OK** to select **Edit / Manual**.
- Select a row**
Press **OK** to select a row.
- Edit**
Press **OK** to enter edit mode.
- Confirm settings**
Press **OK** to confirm settings.
- Finish**
Press **OK** to finish.

■ To the previous screen
→ **BACK**

■ Exit
→ **MENU**

● If "Feature Not Available" appears:
→ Is a "T-V LINK"
→ Is the device turned on?
→ "T-V LINK" → (P. 11)

■ When using "T-V LINK"
Press **OK** to select **T-V LINK**.

■ When not using "T-V LINK"
Press **TV/DTV**.

Move a channel's position

MOVE

Edit a channel name

ID

Insert a channel

INSERT

Delete a channel

DELETE

Register a new channel

MANUAL

- Begin**
Press **OK** to move out.
- Select a destination**
Press **OK** to select a destination.
- Finish**
Press **OK** to move in.

- Begin**
Press **OK** to enter a channel name.
- Enter a channel name**
Press **OK** to enter the first character.
- When selecting a preset name from the "ID List"**
Press **OK** to select a preset name.
- When manually naming a channel**
Press **OK** to enter a channel name.

- Begin**
Press **OK** to select a "CH / CC".
- Select a "CH / CC"**
Press **OK** to select a "CH / CC".
- Enter a number**
Press **OK** to enter a number.

● "CH/CC" List → (P. 55)

- Delete**
Press **OK** to delete a channel.

- Begin**
Press **OK** to begin channel search.
- Beginning channel search**
Press **OK** to begin channel search.
- Set**
Press **OK** to set a channel.

● If necessary, press **OK** to change the broadcasting system.
→ "Receivable broadcast systems (Analogue channels)" (P. 56)

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

● Adjust
Press **OK** to adjust a channel.

● Picture fine tuning → **OK** / **OK**

● Sound fine tuning → **OK** / **OK**

select a system

ENGLISH

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

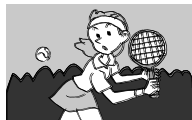
Patterns, stripes or noise



- 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

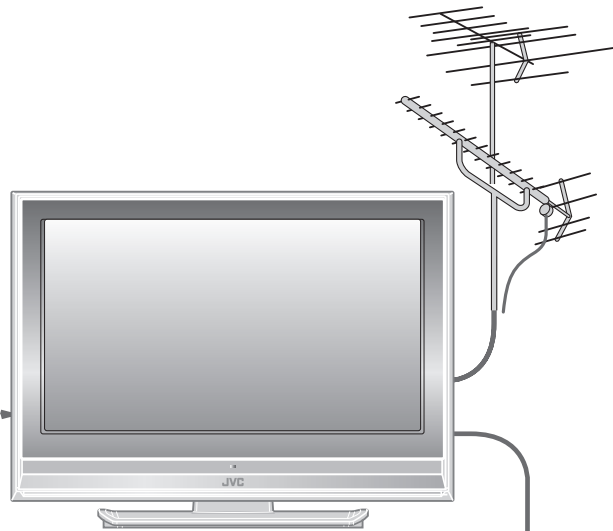
Ghosting

(Doubling of images)



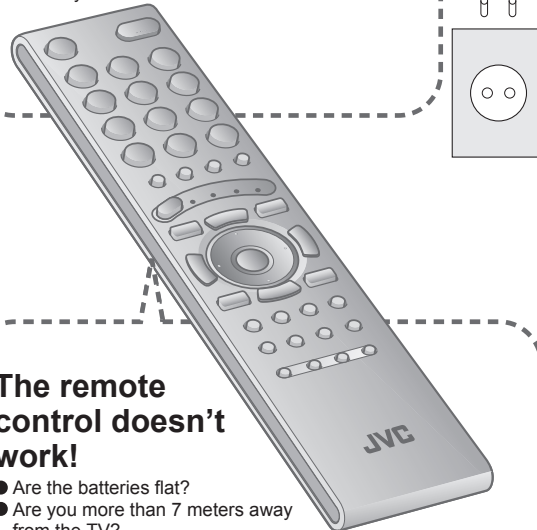
- Are you receiving interference from signals reflected off mountains or buildings?
- ➔ Adjust the direction of your aerial, or change to a good-quality directional aerial

■ 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 "MODE (TV, VDR/DVR, DVD, HC)" 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	Not displayed (black screen)	<ul style="list-style-type: none"> ● Is the analogue channel reception poor, too? <ul style="list-style-type: none"> ➔ Following the instructions in "Severe noise or snow" can solve this problem. ● Digital channels are not displayed <ul style="list-style-type: none"> ➔ 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. 	51 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 "TV/AV" and "MENU/OK" on the TV simultaneously for three or more seconds to restart. 	—
	Some functions do not work	<ul style="list-style-type: none"> ● It is not a malfunction. Some functions (dark background) in the menu do not work depending on the situation. 	—
Screen	Aspect ratio changes unintentionally	<ul style="list-style-type: none"> ● Press "ZOOM" to return to your settings. 	30
	PC screen alignment is off	<ul style="list-style-type: none"> ● Adjust the "PC Position". 	25
Picture	Poor picture quality	<ul style="list-style-type: none"> ● Unnatural colour >>> Adjust "Colour" and "Bright-1". Check your "Colour System" ● Noise >>> Set to the following functions. <ul style="list-style-type: none"> Picture Mode : Standard Super DigiPure : Max ● Dull picture >>> Set to the following functions. <ul style="list-style-type: none"> Picture Mode : Bright Super DigiPure : Min 	36 39 36 39 36 39
	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-IT", switch to "Mono". 	36 36
	No sound from the audio component	<ul style="list-style-type: none"> ● Audio signals received from EXT-5 and EXT-6 can not be sent to the "AUDIO OUT" terminal. 	—

Troubleshooting (continued)

	Problem	Actions	page
HDMI	Wrong screen size	● Switch "Size" in "HDMI Setting" to "1" or "2".	36
	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-6".)	— 36
	Green and distorted screen	● Wait a little for the signal to stabilize when switching the signal format for an "HDMI" device.	—
Functions	Some inputs cannot be selected in the sub-picture	● Digital channels, EXT-4, EXT-5, EXT-6 inputs, and PC mode cannot be selected in the sub-picture. ● RGB input signal of EXT-1 and EXT-2 are not available in dual-picture mode.	—
Error message	"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.	56 56 —
	"ACI Error"	● Press ◀ to start ACI again. If you still receive the "ACI Error" after numerous tries, press ▶ to cancel ACI.	—
	"No Recording"	● A problem occurs at the recorder.	—
	"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.	57
DTV	"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"	57 29 43
	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.	41
	Locked channels can be watched without inputting PIN code	● Once the PIN code is input, all the lock functions ("Lock" and "Maturity Rating") are 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.	43

“CH/CC” List

To use the INSERT function (P. 49), find the “CH/CC” number corresponding to the TV’s analogue channel number from this table.

- When the Country setting is “France”, select a three-digit CH/CC number.

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

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

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

CC	Channel
CC 31/CC 231	S31
CC 32/CC 232	S32
CC 33/CC 233	S33
CC 34/CC 234	S34
CC 35/CC 235	S35
CC 36/CC 236	S36
CC 37/CC 237	S37
CC 38/CC 238	S38
CC 39/CC 239	S39
CC 40/CC 240	S40
CC 41/CC 241	S41
CC 75/CC 275	X
CC 76/CC 276	Y, R3
CC 77/CC 277	Z, ITALY C, R4
CC 78/CC 278	Z+1, R5
CC 79/CC 279	Z+2

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

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

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

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

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”.

What is “ACI” (Automatic Channel Installation)?

Some cable companies transmit a signal called “ACI” which contains information that allows analogue channels to be registered automatically on your TV.

When an ACI signal is received, “ACI Start / ACI Skip” appears in the “Auto Program” screen.

PC Signals that can be displayed

Macintosh computers are not supported.

(Macintosh is a registered trademark of Apple Computer, Inc.)

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

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

Connect “DVI” devices

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

- Set “Audio” in “HDMI Setting” to “Analogue” or “Auto” ➔ (P. 36)
- EXT-6 input does not support DVI devices.
- EXT-6 input does not support analogue sound (EXT-4).

Receivable broadcast systems (Analogue channels)

Depending on the country selected during “Auto Program”, the receivable broadcast system differs.

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

To receive SECAM-L in countries other than France:

- 1) Change the “Country” to “France” in “Auto Program”.
- 2) Press the “BACK” button to return to the menu and enter the channel using “Insert” or “Manual”.

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. 43)

Technical information (continued)

“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. 43)
 - 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 listening with an audio system that is connected to the “AUDIO OUT” terminal.
- 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.

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.47)

Specifications

Main unit

Model	LT-32DX7BSP/SSP	LT-26DX7BSP/SSP
Broadcasting systems	CCIR I / B / G / D / K / L (See “Technical information”, P. 56)	
Colour systems	TV broadcast : PAL, SECAM External input : PAL, SECAM, NTSC 3.58/4.43 MHz	
Channels and frequencies	● Digital : E21-E69 (Frequency : 474 MHz-858 MHz) ● Analogue : E2-E12 / E21-E69, F2-F10 / F21-F69, IR A-IR J, ITALY A-H / H+1 / H+2, R1-R12 / R21-R69, S1-S41, X / Y / Z / Z+1 / Z+2, French cable channels (Frequency : 116-172 MHz / 220-469 MHz)	
Sound-multiplex systems	NICAM (I / B / G / D / K / L), A2 (B / G / D / K)	
Teletext systems	Digital : EBU TEXT Analogue : FLOF (Fastext), TOP, WST (World Standard System).	
Power requirements	AC 220 V - 240 V, 50/60 Hz	
Audio output (Rated power output)	10 W + 10 W	
Speakers	5.0 cm round x 2	
Power consumption [standby]	134 W [0.6 W]	120 W [0.6 W]
Screen size (visible area size measured diagonally)	80 cm	66 cm
Dimensions (W x H x D: mm) [without stand]	800 x 591.6 x 244.2 [800 x 545 x 133.5]	672 x 517.6 x 244.2 [672 x 471 x 133.5]
Weights [without stand]	18.7 kg [16.3 kg]	15.5 kg [13.1 kg]
Accessories	(See “Check accessories”, P. 6)	

- A Conditional Access Module for watching pay-TV digital channels can be installed (P.8)
- DC power can be supplied to the indoor aerial (P.56)

Terminals / Connectors

	Terminal name	Terminal type	Signal type (IN)	Signal type (OUT)
Input / Output terminals	EXT-1	Euroconnector x 1 (SCART connector)	Composite video, S-video, Analogue RGB, AUDIO L / R	TV out
	EXT-2	Euroconnector x 1 (SCART connector)	Composite video, S-video, Analogue RGB, AUDIO L / R	Dubbing out (S-VIDEO out is available only for digital channels)
Input terminals	EXT-3	RCA connectors x 3, S-VIDEO connector x 1	Composite video, S-video AUDIO L / R	
	EXT-4	RCA connectors x 5	Analogue component (576i (625i) / 480i (525i), Progressive : 576p (625p) / 480p (525p), HD : 1080i (1125i), 720p (750p)) AUDIO L / R	
	EXT-5 (HDMI-1)	HDMI connector x 1	HDMI (576i (625i) / 480i (525i) / 576p (625p) / 480p (525p), 1080i (1125i), 720p (750p))	
	EXT-6 (HDMI-2)			
	PC INPUT	D-SUB (15 pins) x 1	Analogue PC signal (P. 56)	
Output terminals	AUDIO OUT	RCA connectors x 2		Audio L / R
	DIGITAL AUDIO OUT	OPTICAL connector x1		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.