Pioneer *sound.vision.soul*

Digital Terrestrial Receiver

DBR-TF100GB

CE

Operating Instructions

SAFETY PRECAUTIONS

Thank you for buying this Pioneer product.
Please read through these operating instructions so you will know how to operate your model properly. After you have finished reading the instructions, put them away in a safe place for future reference.

WARNING: THE APPARATUS IS NOT WATERPROOFS, TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPARATUS TO RAIN OR MOISTURE AND DO NOT PUT ANY WATER SOURCE NEAR THIS APPARATUS, SUCH AS VASE, FLOWER POT, COSMETICS CONTAINER AND MEDICINE BOTTLE ETC.   H001BEn

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IMPORTANT

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

CAUTION
**RISK OF ELECTRIC SHOCK
DO NOT OPEN**

CAUTION:
TO PREVENT THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.   **H002_En**

Replacement and mounting of an AC plug on the power supply cord of this unit should be performed only by qualified service personnel.

IMPORTANT
FOR USE IN THE UNITED KING-DOM.
The wires in this mains lead are coloured in accordance with the following code :
         Green and Yellow : Earth
         Blue   : Neutral
         Brown   : Live
If the plug provided is unsuitable for your socket outlets, the plug must be cut off and a suitable plug fitted.

The cut-off plug should be disposed of and must not be inserted into any 13 amp socket as this can result in electric shock. The plug or adaptor or the distribution panel should be provided with 5 A fuse. As the colours of the wires in the mains lead of this appliance may not correspond with coloured markings identifying the terminals in your plug, proceed as follows ;
The wire which is coloured green and yellow must be connected to the terminal in the plug which is marked with the letter E or by the earth symbol⏚, or coloured green or green and yellow.
The wire which is coloured blue must be connected to the terminal which is marked with the letter N or coloured black.

The wire which is coloured brown must be connected to the terminal which is marked with the letter L or coloured red.

NOTE
After replacing or changing a fuse, the fuse cover in the plug must be replaced with a fuse cover which corresponds to the colour of the insert in the base of the plug or the word that is embossed on the base of the plug, and the appliance must not be used without a fuse cover. If lost replacement fuse covers can be obtained from: your dealer.
Only 5 A fuses approved by B.S.I. or A.S.T.A to B.S. 1362 should be used.   **H004BEn**
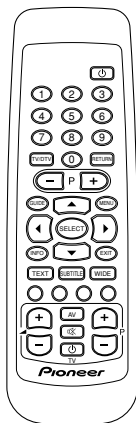
Contents

Chapter 1:
Getting ready

Included accessories

☐ **Remote control**

☐ **Two AA/R06 Batteries**
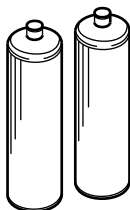
☐ **Mains lead**
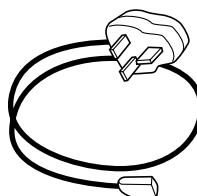
This is provided separately. Plug it into the mains power supply.

☐ **Aerial/RF lead**
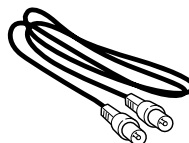
Connects the Digital Terrestrial Receiver (DTR) box to the video or TV. (Refer to the illustrations on the following pages.)

☐ **Instruction manual**
This document.

☐ **Warranty card**

Throughout this manual your Digital Terrestrial Receiver is abbreviated as DTR.

Front view
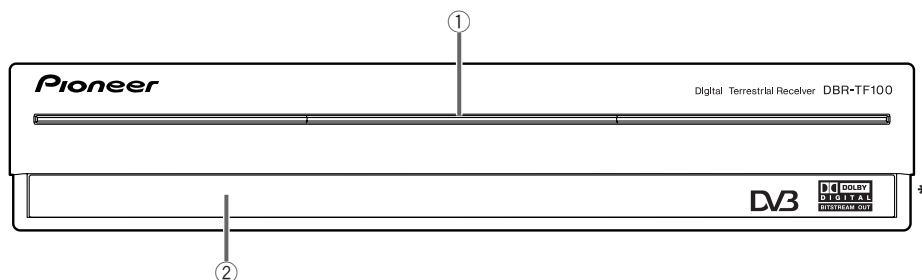
① **LED (standby/on)**
Shows the power status of the DTR; Red = Standby, Green = On. When a programme set by the timer is playing, the LED turns orange and it blinks when the remote is operated.

② **Infrared sensor**
Receives the signal emitted from the remote control.

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

Rear view
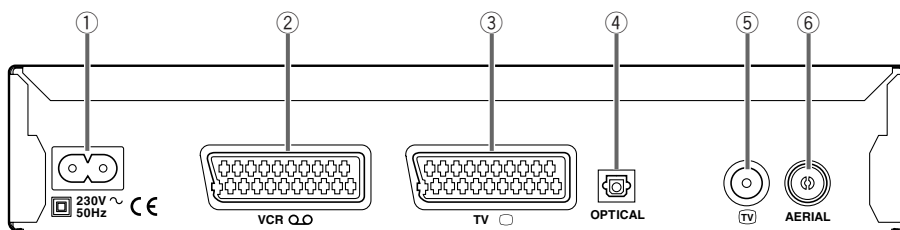
① **230V, 50 Hz mains lead socket***

② **SCART[1] socket for VCR**

③ **SCART[1] socket for TV**

④ **Optical digital audio output socket**

⑤ **UHF[2] aerial output for TV**

⑥ **UHF[2] aerial input**

🖉 **Note**

1. **SCART**: Euroconnector
2. **UHF**: Ultra High Frequency

* This product is for use in the UK only.

Remote control
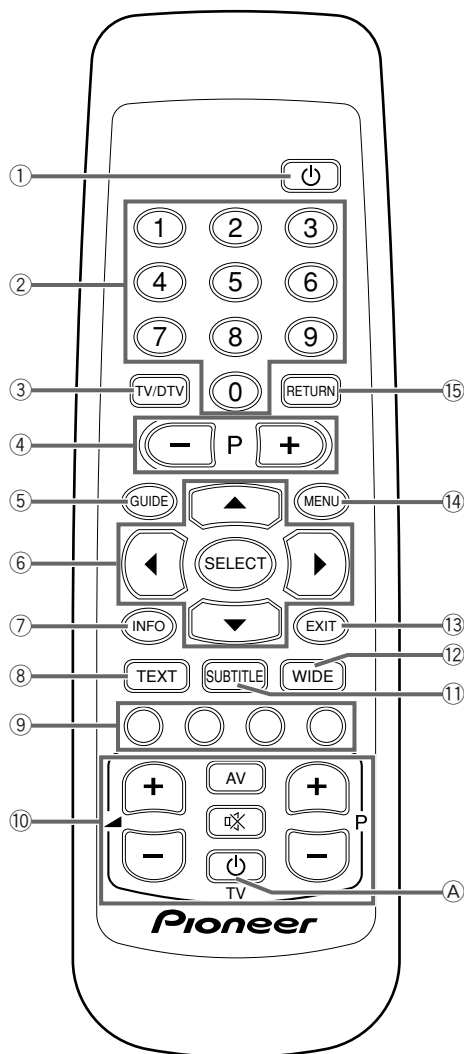
① **STANDBY ⏻ button (P.13)**
Press to switch the DTR between standby and power-on mode.

② **0–9 (Numeral) buttons (P.13)**
Press to directly select a channel.

③ **TV/DTV button (P.14)**
Press to switch between digital and analogue broadcasting.

✎ Note

- This button only works when your DTR and TV are connected by a SCART lead.
- You may not be able to select some analogue TVs even when connected by a SCART.

④ **P (Programme) +, – buttons (P.13)**
Press to select a channel.

⑤ **GUIDE button (P.16)**
Press to display the Electronic Programme Guide (EPG).

⑥ **▲, ▼, ◄, ► buttons**
▲/▼: Used for menu and programme selections when the channel list is displayed.

◄/►: Used for menu selections.

◄: Used to take snapshots.

►: Press to turn alert on and off.

SELECT button (P.13)
- While watching a programme, used to display the channel list.
- While the channel list is displayed, used to select a programme.
- While a menu screen is displayed, used to select menu items.

⑦ **INFO button (P.14)**
Press to display the Info banner.

⑧ **TEXT button (P.15)**
Press to select Text Mode.

⑨ **RED, GREEEN, YELLOW, BLUE buttons (P.15)**
Used for Text Mode and on-screen operations.

⑩ **Refer to *Setting TV codes* on the right.**
This remote can directly control the TVs of major manufacturers. At the time of shipment the remote is preset to operate Pioneer TVs.

⑪ **SUBTITLE button (P.27)**
Press to display subtitles.

⑫ **WIDE button (P.29)**
Press to switch between wide-screen viewing modes.

⑬ **EXIT button**
Press to remove on-screen displays.

⑭ **MENU button**
Press to display the menu screen.

⑮ **RETURN button (P.14)**
- Press to select the last displayed channel.
- Press to return to the previous menu screen.

Putting batteries in the remote

To add or change the batteries, slide open the battery compartment cover on the back of the remote control by pushing it down and sliding it open.

Add two new AA batteries.
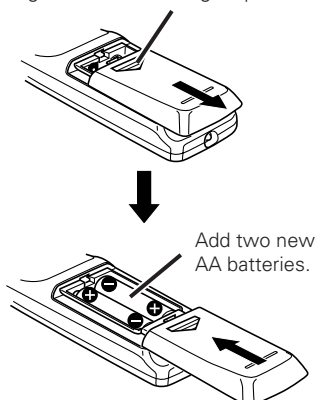
Setting TV codes

The remote can control the following seven functions by entering a TV brand code from the attached list.

- TV on/standby or off
- TV volume up/down
- TV channel up/down
- Sound mute on/off
- Switch between TV/AV input

1 Press and hold the **TV STANDBY** ⏻ button (Ⓐ on the illustration), enter the 4-digit TV brand code. (Refer to Chapter 9, *TV brand code*, page 33.)

2 Pressing the **TV STANDBY** ⏻ button (Ⓐ on the illustration) again, should switch the TV on/off.

3 If the TV fails to operate, repeat the operation in Step 1 above, or enter a different code for the same brand of TV.

✍ Note
- It might not be possible to use this remote with some TV brands or models.

💡 Tip
- If necessary, the remote can be reset to the factory default setting. While pressing the **TV STANDBY** ⏻ button, enter the code **9999**.

Caring for the remote

- Do not drop the remote.
- Do not get the remote wet.
- Do not use or store the remote in the following locations:

  In direct sunlight

  Near hot objects

  Areas with high humidity

⚠ CAUTION

- Do not mix new and used batteries. Only add all new batteries.
- Do not mix battery brands. Different battery brands may have different voltages even if the same size.
- When not planning to use the remote for a long period of time (over one month), remove the batteries to prevent battery fluid leaks inside the remote. If a battery leak occurs inside the remote, discard the old batteries, wipe out the liquid from the case, and add new batteries.
- The Pioneer batteries supplied with the remote do not contain heavy metals, such as mercury, nickel, or cadmium. In many countries, however, the disposal of batteries with household waste is not allowed. Be sure to comply with local regulations when disposing of batteries.
- **The remote's TV preset code setting will only last for about one minute without batteries, so to prevent the inconvenience of losing the stored settings, have ready a fresh set of new batteries and add them immediately after removing the old batteries. However, if the remote's buttons are pressed while the batteries are removed, the brand code setting will be deleted. Please be careful not to press the buttons while replacing the batteries.**

Remote operation range
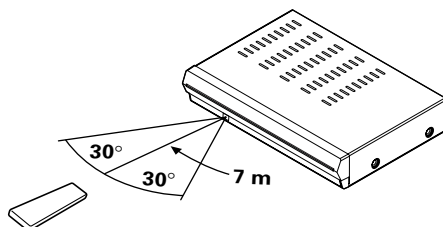
- If an object is blocking the path between the remote and the DTR signal sensor the unit might not respond to the remote commands. If this happens, remove the obstacle or change your position.
- As the batteries weaken, the range of the remote becomes shorter. If the operation range is too short for your preference, replace the batteries.

Chapter 2:
Connections

Television and VCR with SCART sockets

This connection provides the best recording and playback quality.
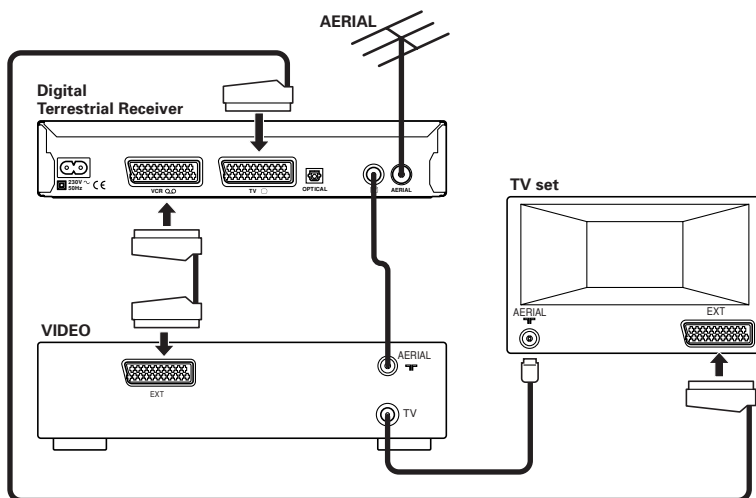
⚠️ **CAUTION**

• Before making connections unplug all equipment from the mains power supply.

Tip

• To obtain the best picture quality and have access to automatic EXT switching, connect to the TV's first EXT AV1 socket.

* SCART leads are sold separately.

1 Connect the equipment as shown in the above diagram.*

2 Plug all of the equipment, including the DTR, into the mains power supply.

3 Turn on the TV and select a channel.

4 Press the **STANDBY** ⏻ button on the remote to wake up the DTR.
The DTR will display the "Welcome" screen.

Now go to the *Starting up the first time* on page 12.

Television and VCR with only standard coaxial aerial input
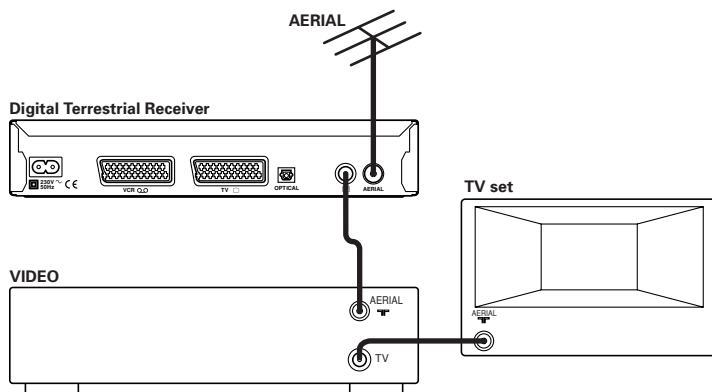
⚠ CAUTION

• Before making connections unplug all equipment from the mains power supply.

1   Connect the equipment as shown in the above diagram but do not yet connect the aerial to the DTR.

2   When you have finished making the connections, plug in the equipment. First turn on the TV and select an unused channel to use for watching digital programmes. Next turn on the VCR (at this time it does not matter to what channel the VCR is tuned).

3   Press the **STANDBY** ⏻ button on the remote to wake up the DTR.

4   Tune the TV.
Now you need to tune the TV channel for watching digital programmes. If you are not sure how to do this, refer to the TV's operation guide. Store the channel when the "Welcome" screen appears on the TV as shown below.

5   Connect the aerial to the DTR and check if the picture remains steady (no wobbling, interference, or snow).

6 Switch the TV to all the other tuned channels, including the channel tuned for the VCR, and check the picture quality.
If the picture quality is good, go to the *Starting up the first time* on page 12. If there is a picture quality problem even though the aerial is connected, follow the instructions below after completing *Starting up the first time* on page 12.

①Disconnect the aerial from the back of the DTR.

②Check to make sure the TV is tuned to the channel selected for watching digital programmes.

③Press the **MENU** button on the remote. The HOME MENU screen is displayed.

④Select **Setup** from the HOME MENU screen, **TV Setup**, and then **RF Output Channel** using ▲, ▼ and **SELECT** buttons on the remote.

The default setting for this option, 38, should be changed if there is interference. Select a channel that is far from 38. Press the **MENU** button (Exit) to exit the menu and store the setting.

⑤Repeat from Step 4 to check if the picture quality improves.

Connecting to a digital audio device

Connect an optical digital audio cable (sold seperately) between the optical digital audio output socket on the DTR and an optical digital input on a sampling rate converter-equipped stereo system, AV amp, etc.

Digital Terrestrial Receiver

Sampling rate converter-equipped stereo system, AV amp, etc.
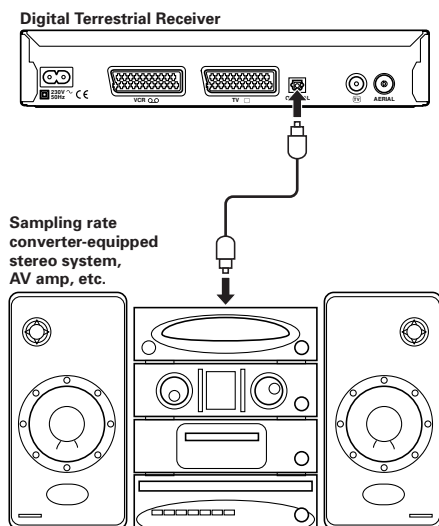
✎ Note

• If a Dolby Digital encoded audio stream is output and you have a Dolby Digital decoder equipped external digital audio device, change your digital audio output settings in **User Preferences**, **Digital Audio Out**. (See pages 27 and 28.)

• If the external digital audio device does not support the sampling rate at which the digital audio is being broadcast, no audio will be heard.

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

Chapter 3:
Starting up the first time

1 After all connections have been made and the DTR is connected to the mains, press **STANDBY ⏻** or **any number button**. A welcome message is displayed.

2 Press **SELECT**.

Choosing your TV type

A message box appears on the screen instructing you to select your TV type. Press ◄/► to select **Normal (4:3)** or **Wide (16:9)**, then press **SELECT**.

Scanning for channels

A message box is displayed, asking you to confirm that your aerial is connected. After you have confirmed your aerial connection, press **SELECT**. Your DTR will scan for channels and add all new channels found.
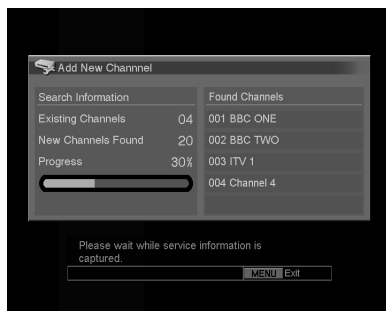
Scanning all channels will take a couple of minutes. After scanning is done the lowest numbered channel is displayed.

✎ Note

• If no channels are found, a warning message is displayed. Check your aerial connection again. You can scan again by selecting **Retry** with ◄/► and pressing **SELECT**.

Chapter 4:
Basic operation

Turning on/off

To turn on, press **STANDBY** ⏻ or **any number buttons**. When you press **STANDBY** ⏻, the channel last viewed is tuned in. When you press a **number button**, the channel of the number button is tuned in. Then the Info banner is displayed and disappears after a few seconds.

✴ Tip

• You can remove the Info banner immediately by pressing **EXIT**.

To turn off, press **STANDBY** ⏻. The DTR goes into standby mode.

Changing channels

Using the P +, – buttons

Press **P +/–** to change a channel up/down from the list of available channels.

Hold down **P +/–** to rapidly move through the channel numbers until the desired channel number is reached then release the button. The channel is displayed.

Using the number buttons

Enter a 3-digit number for the desired channel. For example, if you want to tune in channel 125, enter 1-2-5.

Or

Enter just the digits of the number of the channel desired. For example, if you want to tune in channel 5, enter 5.

🖉 Note

• If a channel is not available for the channel number input, 'No service is available on this channel' is displayed for a few seconds and the channel does not change.

Using the channel list

1 If you press **SELECT** while watching a programme, a channel list of six channels, including the present channel, is displayed.

2 Press ▲/▼ to see lower or higher channels on the list.

✴ Tip

• Press ◄/► to move to the previous/next list of channels.

3 Press **SELECT** again to select a channel to tune in.

Using RETURN

If while watching a channel you press **RETURN**, the channel last watched is tuned in and displayed.

✍ Note

• The last channel viewed is cleared from memory when the DTR is put into standby mode.

Selecting TV/DTV

Use the **TV/DTV** button to switch between analogue channels from the regular TV or VCR and digital channels from the DTR.

✍ Note

• This button only works when your DTR and TV are connected by a SCART lead.

• You may not be able to select some analogue TVs even when connected by a SCART.

• If you choose to view the DTR from the analogue TV by selecting an external source, the TV/DTV button on the remote cannot be used to change channels.

Using the Info banner

You can display information on the programme you are watching or other programmes on the screen.

1 Press **INFO** to turn on the Info banner. The current channel number, channel name, date and time are displayed. Also the current programme name and beginning and ending times are displayed along with the same information for the next programme on the same channel.

Now, you can:

• Press ◄/► to display the Info banner on other channels.

• Press **SELECT** to tune in a channel.

• Press **EXIT** to remove the Info banner from the screen.

⚙ Tip

• The Info banner also displays icons for Favourites ( ), Subtitles ( ) and Teletext ( ) if they apply to the selected channel.

✍ Note

• Due to inaccurate information provided by the broadcaster some icons may appear or be absent in error.

2   Press **INFO** again and detailed information about the selected programme is displayed.

Now, you can:

- Press ▲/▼ to switch NOW and NEXT programmes.
- Press ◄/► to display the detailed information about programmes on other channels.
- Press **SELECT** to discard the detailed information and tune in the channel.
- Press the **GREEN** button to set the timer for a selected programme. See *Using the timer* on page 16.
- Press **RETURN** to discard the detailed information screen.
- Press **EXIT** to remove the on-screen information from the screen.

Using Teletext

When programmes with Teletext content or dedicated digital text channels broadcast, the Teletext icon ( ) is displayed on the Info banner.

Press the **TEXT** or the **RED** buttons, then follow instruction on-screen. Pages are selected using the ▲/▼/◄/►, **SELECT**, **number** or **coloured buttons**.

When you have finished viewing text channels, select another channel by using the **P +/–** buttons.

✎ Note

- From time to time other operating instructions may be displayed. The button used to enter text mode may differ according to channel. Please follow the on-screen instructions.
- Teletext and subtitles cannot be shown at the same time. If subtitles are on and you want to view a Teletext channel, turn subtitles off by pressing **SUBTITLE**.
- Due to inaccurate information provided by the broadcaster Teletext icon may appear or be absent in error.
- When Teletext is displayed you cannot freeze a frame or take snapshots.

Chapter 5:
Advanced operation

Using the on-screen programme guide

You can use the on-screen programme guide to quickly find and tune in a programme. While searching, the last watched channel is displayed in a small window except text and radio channels.

Press **GUIDE**. The on-screen Programme Guide is displayed.

Now you can:

- Press ▲/▼ to scroll through the list.
- Press **P +/−** to show the next/previous 7 channels.
- Press ◄/► to switch between NOW and NEXT listings.
- Press **SELECT** to tune in a channel.
- Press the **YELLOW** button to display more information about a selected programme if available.
- Press the **GREEN** button to set the timer for a selected programme. See *Using the timer*, below.
- Press **GUIDE** again or **EXIT** to turn off the on-screen Programme Guide.
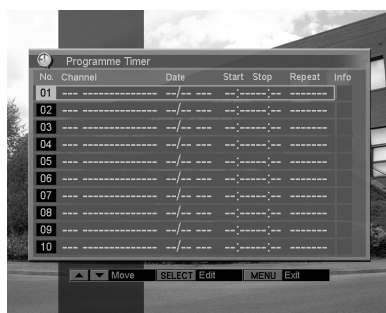
Using the timer

By using the timer you can have the DTR turn on and a selected programme tuned in automatically. Up to 10 timers can be set.

Displaying the timer menu

1 While viewing a programme, press **MENU**. The HOME MENU is displayed.

2 Press ▲/▼ to select **Programme Timer** and press **SELECT**. The Programme Timer menu displays.

3 Input a new timer setting or move or delete a setting. See *Input timer settings*, below.

Or

While using the on-screen Programme Guide select a programme and press the **GREEN** button. The Programme Timer menu is displayed and all the information for the selected programme is automatically entered. Press **SELECT** to set the programme.

Input timer settings

1 Press ▲/▼ to select an available timer slot and press **SELECT**.

2 Enter the channel to be set by using the **number buttons** or ▲/▼.

3 Press ► to move to the next item, Date.

4 Enter the date. The date is represented by four digits. 10 September would be entered as 1009.
Day: Enter 10 by pressing the **number buttons** or ▲/▼. Press ► to move to Month.
Month: Enter 09 by pressing the **number buttons** or ▲/▼. Press ► to move to the next item, Start time.

5 Enter the time the programme is to start. Use the 24-hour clock for time settings, such as 10:15 pm would be 2215.
Hour: Enter 22 by pressing the **number buttons** or ▲/▼. Press ► to move to minutes.
Minute: Enter 15 by pressing the **number buttons** or ▲/▼. Press ► to move to the next item, Stop time.

6 Enter the time the programme is to stop. Press ► to move to the next item, Repeat.

7 Press ▲/▼ to select a repeat setting. The repeat settings are: **None**, **Weekly**, **Daily**, **Mon-Fr**, **Mon-Sat**, **Sat & Sun**.

🔧 Tip

• If you make a mistake, press ◄ to move back to the previous item and correct the setting.

8 Press **SELECT** to enter all the settings.
• If all entered setting are correct the timer is saved.

• If an invalid setting was entered, a warning is displayed. Correct the setting info.

• When two programmes are set so that they overlap, the programme which starts first has priority and will be played in its entirety.
When two programmes have the same start time, the programme with the highest number in the Programme Timer slots has priority.
If you set a timer and the time slot is overlapping another timer setting, and the other timer setting has priority, a warning is displayed.

9 Repeat Steps 1–8 to set additional programme.

10 Press **MENU** to complete the setting and exit the Programme Timer menu.

Editing a timer setting (Cancel/Modify/Move)

You can cancel/modify/move a timer setting.

1 Display the Programme Timer menu.

2 Press ▲/▼ to select the timer slot to be edited, then refer to the instruction below.

- To cancel the setting, press the **RED** button. The setting is cancelled.

- To modify the setting, press **SELECT**. You can modify the setting.

- To move the setting, press the **BLUE** button. Press ▲/▼ to move the selected timer slot and then press the **BLUE** button.

✎ Note

- If you are watching a digital programme when a timer is about to start, an alert will appear on the screen about one minute before the timer starts. To view the timer programme, press **SELECT**. To cancel the timer programme press ◄/► to select **CANCEL TIMER** and press **SELECT**. If you do not press any buttons the timer will start at the programmed time.

- When a programme set by the timer is playing, the LED turns orange.

- If **any button** is pressed while a timer is active an alert will appear on the screen. Press **EXIT** to cancel the timer and return the DTR to viewing a digital programme or do nothing and the timer will continue.

Freezing a frame

You can freeze display of a frame from a programme.

1 While viewing a programme, Press ◄. The image freezes on screen.

2 To continue viewing the programme press ►.

Taking snapshots

You can take snapshots of scenes from programmes to save and view later.

1 While viewing a programme, Press ◄. The image freezes on screen.

2 Press **SELECT** to take a snapshot. The snapshot is taken and the programme resumes normal display.

Note

- If memory is full, a warning message is displayed. Press **SELECT** to resume normal display.

- In order to free up memory to take more snapshots, see *Deleting snapshots* on page 20.

- Sometimes attempts to take snapshots will fail due to problems with the programme data.

Viewing snapshots

You can view the snapshots you have taken.

1 While viewing a programme, press **MENU**. The HOME MENU is displayed.

2 Press ▲/▼ to select **Video Snapshots**. Press **SELECT**. The first snapshot stored in memory is displayed.

Now you can:

- Press ◄/► to view the next/previous snapshot.

- Press **SELECT** to hide snapshot information. Press **any button other than ◄/►**, **STANDBY** ⏻ or **EXIT** to again display the snapshot information.

- Press **MENU** or **EXIT** to return to normal programme viewing.

- Press **RETURN** to return to the HOME MENU.

- Press the **BLUE** button to change the display mode to the Movie Mode. This mode is best suited for viewing snapshots of less quickly changing displays such as movies.

Note

- If no snapshots have been stored when **Video Snapshot** is selected a message is displayed. Press **SELECT** to return to the HOME MENU.

Deleting snapshots

You can delete snapshots from memory.

Deleting snapshots one by one

1 While viewing a snapshot, press the **RED** button. A message appears asking you to confirm that you want to delete the snapshot.

2 Press ◄/► to select **Delete** and press **SELECT**. The snapshot is deleted and the next snapshot, if any, is displayed.

Deleting all snapshots in memory

1 While viewing a snapshot, press the **YELLOW** button. A message appears asking you to confirm that you want to delete all the snapshots from memory.

2 Press ◄/► to select **Delete All** and press **SELECT**. All snapshots in memory are deleted.

Chapter 6:
Using parental lock

The parental lock can be used to restrict access to any channel. In order to view a locked channel, the PIN (personal identity number) must be entered. To be able to use parental lock successfully, follow the instructions below.

Set your PIN

Setting a PIN allows you to set/change the PIN used for parental lock. A PIN has four digits (0000 to 9999) and the default is 0000.

1 While viewing a programme, press **MENU**. The HOME MENU is displayed.

2 Press ▲/▼ to select **Setup** and press **SELECT**. The Setup menu is displayed.

3 Press ▲/▼ to select **Set PIN** and press **SELECT**. The PIN Input screen displays.

4 Use the **number buttons** to input your PIN (the default is 0000). The Set PIN menu displays.

- If the PIN you input is not correct, an invalid PIN message appears and you are returned to the Setup menu.

5 Use the **number buttons** to input your new, 4-digit PIN and confirm by entering the PIN again.

- If you make a mistake, press ◄ to backspace and erase a digit.
- If the PIN number is confirmed the new PIN is registered and you are returned to the Setup menu.
- Press **MENU** to exit the Set PIN screen without setting a new PIN.

✎ Note

- If you forget your PIN you can reset it to the default of 0000 by restoring system defaults. See *Restore System Defaults* on page 32.

Setting parental controls

There are two types of parental lock; 1) Normal, and 2) Watershed. When Normal is used, locked channels are locked at all times. When Watershed is used, locked channels are only locked between the hours of 9 PM to 4 AM. Watershed is a good way to lock channels when they are most likely to broadcast material not suitable for all audiences.

1 While viewing a programme, press **MENU**. The HOME MENU is displayed.

2 Press ▲/▼ to select **Channel Management** and press **SELECT**. The Channel Management menu is displayed.

3 Press ▲/▼ to select **Parental Lock** and press ◄/►.

4 Use the **number buttons** to input your PIN.

5 Press ◄/► to switch between **Off**, **Normal** or **Watershed**. Go on to the next *Locking/unlocking channels* below.

📝 Note

• If you enter the wrong PIN a message is displayed and you cannot set Parental Lock options.

Locking/unlocking channels

Channels must be locked/unlocked individually. Follow these steps to lock/unlock a particular channel.

1 Press ▲/▼ to select **Channel Options** and press **SELECT**. The Channel Options menu is displayed.

2 Press ▲/▼ to select the channel to lock/unlock. Press ◄/► to move to the lock box (the box with the padlock icon over it). Press **SELECT** to place/remove a check in the box and lock/unlock the channel.

3 Repeat Step 2 to lock/unlock additional channels.

4 Press **MENU** to complete the setting and exit the menu.

📝 Note

• Enter your PIN if prompted.

Watching locked channels

When parental control is on and you select a channel that is locked, a blank screen displays with a channel banner that says, "This channel is locked. Press Red to unlock."

1 Press the **RED** button. The PIN input screen is displayed.

2 Use the **number buttons** to input your PIN.

📝 Note

• If you unlock a channel in this way, all channels are unlocked and remain unlocked until the DTR again is put in standby mode or a new channel is locked.

Chapter 7:
Channel management

The Channel Management menu allows you to control access to channels and access channels quickly.

1 While viewing a programme, press **MENU**. The HOME MENU is displayed.

2 Press ▲/▼ to select **Channel Management** and press **SELECT**. The Channel Management menu is displayed.

After the Channel Management menu is displayed, continue with the settings below.

Favourites

With your DTR you'll have access to many digital channels but with some channels registered as Favourites you can access them quickly.

Setting channels as favourites

1 Press ▲/▼ to select **Channel Options** and press **SELECT**. The Channel Options menu is displayed.

2 Press ▲/▼ to select a channel. Press ◄/► to highlight the area under the bookmark icon (Favourite) and press **SELECT** to turn favourites on/off. A check mark means that a channel has been selected as a favourite.

3 Press **RETURN** to complete the setting and return to the Channel Management menu. Go on to the next *Turning Favourites on/off* below.

Turning Favourites on/off

1 Press ▲/▼ to select **Favourites**.

2 Press ◄/► to switch between **On** and **Off**.

3 Press **MENU** to complete the setting and exit the menu.

✎ Note

• At least two channel must be selected as a favourite in order to turn on Favourites. See *Setting channels as favourites*, above.

• When Favourites is turned on, only those channels selected as Favourites can be accessed using the **P +/–** buttons. Other channels can still be accessed through the **number buttons**.

• When Favourites is turned on, Channel Skip cannot also be turned on.

Channel Skip

You can turn on channel skip to automatically skip channel types you do not wish to tune in. The three types are: radio, text, or radio and text.

1 Press ▲/▼ to select **Channel Skip**.

2 Press ◄/► to switch between the four settings:

Off - **Skip Radio** - **Skip Text** - **Skip Radio & Text**

3 Press **MENU** to set the type to be skipped and exit the menu.

✎ Note

• When Channel Skip is turned on, the selected type of channel is automatically bypassed when using the **P+/–** buttons. Those channels can still be accessed through the **number buttons**.

• When Channel Skip is turned on, Favourites cannot also be turned on.

• Even when you set Channel Skip to Skip Text or Skip Radio & Text, some text channels may not be skipped.

Alerts

You can turn alerts on for a channel. Then when a new programme starts on that channel an alert will be displayed on the screen.

Setting channels to display alerts

1 Press ▲/▼ to select **Channel Options** and press **SELECT**. The Channel Options menu is displayed.

2 Press ▲/▼ to select a channel. Press ◄/► to highlight the area under the info icon (Alert) and press **SELECT** to turn alerts on/off. A check mark means that a channel has been selected to display alerts.

3 Press **RETURN** to complete the setting and return to the Channel Management menu. Go on to the next *Turning Alerts on/off* below.

Turning Alerts on/off

1 Press ▲/▼ to select **Alerts**.

2 Press ◄/► to switch between **On** and **Off**.

3 Press **MENU** to complete the setting and exit the menu.

📝 **Note**

- While a programme is displayed as the result of a timer setting, alerts will not display.
- If you record a programme without using the timer setting, alerts may be displayed and recorded onto your VCR. To make sure that alerts do not get recorded, set the desired programme to play with a timer setting.
- Even if you turn alerts on, alerts are not displayed if a broadcaster is not broadcasting programme information.

⚙️ **Tip**

- To turn alerts on or off while viewing a programme, press ►.

Channel Options

You can enter Channel Options to set any channel as a favourite, lock/unlock and enable/disable alerts for any channel.

1 Press ▲/▼ to select **Channel Options** and press **SELECT**. The Channel Options menu is displayed.

2 Press ▲/▼ to select a channel. Press ◄/► to move to the area you wish to select: Favourite (bookmark icon), Lock/Unlock (padlock icon), Alert (info icon).

3 Press **SELECT** to place/remove a checkmark. When you place a checkmark, option is on.

4 Press **MENU** to complete the setting and exit the menu.

Chapter 8:
Other options

User Preferences

You can customize the DTR by setting options in the User Preferences menu as follows:

1 While viewing a programme, press **MENU**. The HOME MENU is displayed.

2 Press ▲/▼ to select **User Preferences** and press **SELECT**. The User Preferences menu is displayed.
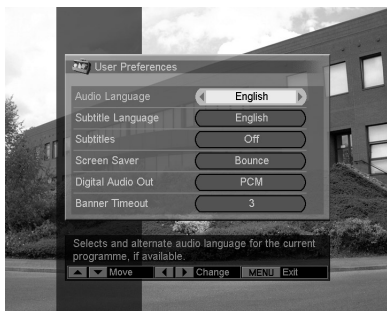
4 Press ▲/▼ to select the preference you wish to set, then refer to the instructions below.

🔧 Tip

- Press **MENU** or **EXIT** to complete the setting and exit the menu.
- Press **RETURN** to complete the setting and return to the previous menu.

Audio Language
Press ◄/► to select **English**, **Welsh** or **Gaelic**.

Subtitle Language
Press ◄/► to select **English**, **Welsh** or **Gaelic**.

📝 Note

- English, Welsh and Gaelic are always available for selection in Audio Language and Subtitle Language but may not be available if the selected language was not broadcast with the selected programme.

Subtitles
Subtitles by default are off. Press ◄/► to select **On/Off**.

📝 Note

- Subtitles can only be displayed if they have been provided with the broadcast programme.

🔧 Tip

- Pressing **SUBTITLE** on the remote will override the setting here.

Screen Saver

Press ◄/► to switch between screen saver modes. You can also select **Off** or **Random**. If you select **Random**, the screen saver mode used is selected randomly.

While listening to a radio channel and if no buttons are pressed for one minute a screen saver is displayed. Press **any key other than the STANDBY** ⏻ button to quit the screen saver.

Digital Audio Out

Press ◄/► to select **PCM**/**Dolby**.

If you have a Dolby Digital decoder-equipped audio device connected to the optical digital audio output socket on the DTR, select **Dolby**. Otherwise, select **PCM**.

✎ Note

• When **Dolby** is selected and a programme is broadcast in Dolby Digital, audio is not output through the SCART socket.

Banner Timeout

When you change channels a banner showing channel and programme information is displayed for a selected amount of time or is not displayed, according to the settings you make here. Press ◄/► to select from **No Banner** or a time of **1** to **10** seconds.

TV Setup

The TV Setup menu allows you to select and set TV and video options. To set any preference, go to the TV Setup menu as follows:

1 While viewing a programme, press **MENU**. The HOME MENU is displayed.

2 Press ▲/▼ to select **Setup** and press **SELECT**. The Setup menu is displayed.

3 Press ▲/▼ to select **TV Setup** and press **SELECT**. The TV Setup menu is displayed.
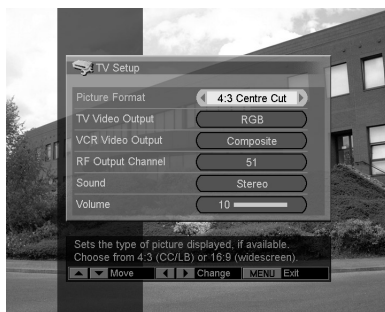
4 Press ▲/▼ to select the preference you wish to set, then refer to the instructions below.

Tip

• Press **MENU** or **EXIT** to complete the setting and exit the menu.

• Press **RETURN** to complete the setting and return to the previous menu.

Picture Format

Press ◄/► to select **16:9, 4:3 Letterbox** or **4:3 Centre Cut**.

If your DTR is connected to a 16:9 TV, select **16:9**. If your DTR is connected to a 4:3 TV and you wish to view a 16:9 programme, you must select how that 16:9 programme is displayed on your TV. If you select **4:3 Letterbox**, the full width of the image is displayed but areas above and below the image are blank. If you select **4:3 Centre Cut**, the image fills the screen vertically but the right and left ends of the image are not displayed.

Tip

• Pressing **WIDE** on the remote will override the setting here.

TV Video Output

This sets the video signal format for the TV SCART only. Press ◄/► to select **RGB**, **Composite** or **S-Video**.

Note

• Check your TV manual to see if it is compatible with RGB or S-Video.

VCR Video Output

This sets the video signal format for the VCR SCART only. Press ◄/► to select **Composite** or **S-Video**.

Note

• Check your VCR manual to see if it is compatible with S-Video.

• In order to use S-Video with your VCR you may need to change settings on your VCR. See the user's manual for your VCR for information.

RF Output Channel

This selects an output channel for the RF modulator. Press ◄/► to choose any channel from **21** to **68** or **Off**.

Sound

This sets the audio output from the TV and VCR SCART only. Press ◄/► to select **Mono** or **Stereo**.

Volume

This adjusts the volume of the audio output from the TV SCART from **1** (minimum) to **10** (maximum). Press ◄/► to choose a setting from **1** to **10**.

Installation

In the Installation menu you can scan for new channels, delete channels no longer available and check the signal strength of each channel. To access these go to the Installation menu as follows:

**1** While viewing a programme, press **MENU**. The HOME MENU is displayed.

2 Press ▲/▼ to select **Setup** and press **SELECT**. The Setup menu is displayed.

3 Press ▲/▼ to select **Installation** and press **SELECT**. The Installation menu is displayed. Then, refer to the instructions below.

Tip

• Press **MENU** or **EXIT** to exit the menu.
• Press **RETURN** to return to the previous menu.

Add New Channels

You can add new channels to the channel list.

Press ▲/▼ to select **Add New Channels** and press **SELECT**. Scanning starts. If new channels are found they are added to the channel list. The number of new channels, if any, are displayed.

Note

• To cancel scanning once it has started, press **EXIT**. Scanning stops and a message is displayed stating that scanning has stopped.

Replace Existing Channels

Use Replace Existing Channels to update information on channels and delete channels that are no longer available.

Press ▲/▼ to select **Replace Existing Channels** and press **SELECT**. Scanning starts. If new information about a channel is found, the channel information is updated. If some channels are no longer available the channels are deleted.

Note

• To cancel scanning once it has started, press **EXIT**. Scanning stops and a message is displayed stating that scanning has stopped.
• If no channels were found, a message is displayed asking you to check the aerial connection.

Signal Check

1 Press ▲/▼ to select **Signal Check** and press **SELECT**.

2 Use the ◀/▶ buttons to select a channel. The signal strength is displayed numerically and with words and is updated once every second.

3 Press **MENU** to leave.

Software Update

The DTR can automatically download software updates through the TV aerial. You can set the options for the software update in the Software Update menu. Follow these steps to access the Software Update menu:

1 While viewing a programme, press **MENU**. The HOME MENU is displayed.

2 Press ▲/▼ to select **Setup** and press **SELECT**. The Setup menu is displayed.

3 Press ▲/▼ to select **Software Update** and press **SELECT**. The Software Update menu is displayed.

4 Press ▲/▼ to select any of the following four functions: **Auto Update**, **Set Update Time**, **Start Manual Update** or **Technical Information** and then follow the instructions for each.

🔧 Tip

- Press **MENU** or **EXIT** to exit the menu.
- Press **RETURN** to return to the previous menu.

Auto Update

Press ◄/► and choose Auto Update **On**/**Off**. When Auto Update is on, a check for available software updates and new channels is accomplished daily at a time specified in Set Update Time.

📝 Note

- So that you always have the latest software and broadcasting channels, be sure to turn Auto Update to on.

Set Update Time

Select to set the time at which the DTR will check for updates on a daily basis. Press ▲/▼ to adjust the hour and then ► to move to minutes. Again, press ▲/▼ to adjust the minutes and then press **MENU** to set and exit the menu.

Start Manual Update
Select to start an update immediately.

Technical Information
Selecting this will display technical information.

Restore System Defaults
It may be desirable to reset settings to their factory defaults.

✏ Note

- Restoring system defaults resets all settings including setting the channel list to empty. All settings that you wish to use will have to be entered again.
- The PIN is returned to 0000.
- All snapshots stored in memory are erased.

1 While viewing a programme, press **MENU**. The HOME MENU is displayed.

2 Press ▲/▼ to select **Setup** then press **SELECT**. The Setup menu is displayed.
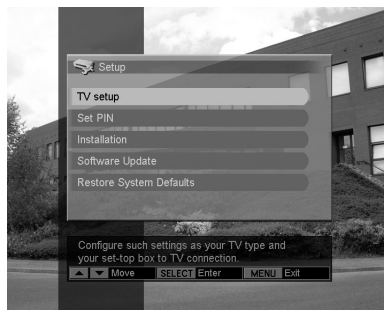
3 Press ▲/▼ to select **Restore System Defaults** and press **SELECT**. A confirmation alert is displayed.

4 Press ◄/► to choose **Replace** or **Cancel** and press **SELECT**.
If you select **Replace**, the Welcome message is displayed. See *Starting up the first time*, page 12.

Chapter 9:
TV brand code

A.R. Systems 0556
AGB 0516
ASA 0104
AWA 0009
Acura 0009
Admiral 0163
Adyson 0216, 0217
Aiko 0264, 0217
Aiwa 0701
Akai 0361, 0548,
0037, 0480, 0602,
0371, 0208, 0072,
0433, 0556, 0009,
0163, 0218, 0516
Akib 0294
Akiba 0282, 0455,
0037, 0218, 0294
Akura 0037, 0264,
0218, 0009, 0282,
0412
Alba 0037, 0218,
0371, 0163, 0009,
0216, 0036, 0418,
0247, 0487, 0668
Allorgan 0217, 0206,
0294
Allstar 0037
Amplivision 0217,
0370
Amstrad 0037, 0371,
0433, 0218, 0412,
0516, 0009, 0264
Anam National 0650
Anglo 0264
Anitech 0009, 0037,
0264, 0282
Ansonic 0370, 0009,
0037, 0292
Arc En Ciel 0196
Arcam 0216, 0217
Aristona 0556, 0037
Asora 0009
Asuka 0217, 0218,
0264
Atlantic 0206

AudioTon 0217,
0486, 0264
Audiosonic 0337,
0486, 0370, 0009,
0037, 0109, 0217,
0218, 0264
Autovox 0206, 0217,
0247
BPL 0282, 0037
BSR 0294
BTC 0218
Baird 0193, 0190,
0208, 0343, 0072,
0073, 0217
Bang & Olufsen
0565
Basic Line 0009,
0218, 0374, 0455,
0037, 0217, 0282
Baur 0037, 0512,
0535, 0361, 0505,
0010
Bazin 0217
Beaumark 0178
Beko 0486, 0370,
0037, 0714, 0715
Beon 0037, 0418
Best 0337, 0370
Bestar 0370, 0037,
0374
Binatone 0217
Blaupunkt 0327,
0195, 0535, 0328,
0200
Blue Sky 0037, 0218,
0282, 0455, 0668,
1037
Blue Star 0282
Bondstec 0247
Boots 0217
Brandt 0196, 0287,
0198, 0109, 0335
Brinkmann 0418,
0519, 0037
Britannia 0216, 0217

Bush 0037, 0371,
0218, 0519, 0355,
0487, 0009, 0668,
0036, 0208, 0217,
0294, 0374, 1037,
0264, 0282, 0361,
0698
CCE 0037
CGE 0247, 0370,
0418
CS Electronics 0216,
0218, 0247
CTC 0247
Canton 0218
Carad 0610
Carena 0455, 0037
Carrefour 0036,
0037
Cascade 0009, 0037
Cathay 0037
Centurion 0037
Century 0247
Cimline 0009, 0218
City 0009
Clarivox 0037
Clatronic 0037,
0218, 0371, 0247,
0009, 0217, 0370
Condor 0370, 0037,
0009, 0247, 0282
Contec 0009, 0036,
0216
Continental Edison
0287, 0196, 0487,
0109, 0198
Cosmel 0037, 0337
Crosley 0247
Crown 0009, 0370,
0037, 0486, 0418,
0208
Curtis Mathes 0093,
0166
Cybertron 0218
DER 0193, 0190

Daewoo 0037, 0009,
0374, 0499, 0217,
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Dainichi 0216, 0218
Dansai 0037, 0036,
0216
Dantax 0486
Dayton 0009
Daytron 0374
De Graaf 0208, 0548
Decca 0516, 0072,
0037, 0217
Denko 0264
Denver 0037
Desmet 0037, 0009
Diamant 0037
Digatron 0037
Dixi 0009, 0037
Dual 0519, 0217,
0259, 0037
Dual Tec 0217
Dumont 0070
Elbe 0292, 0259,
0217, 0516
Elekta 0264
Elin 0548, 0009,
0037, 0104, 0361
Elite 0218
Elta 0009
Emco 0247
Emerson 0178,
0037, 0282, 0361,
0070, 0247, 0371
Emperor 0282
Erres 0012, 0037
Euroman 0037, 0264
Europa 0037
Europhon 0516,
0217
Expert 0206
**Exquisit** 0037
Fenner 0009, 0374

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Filsai 0217
Finlandia 0346, 0548, 0072, 0163, 0208
Finlux 0104, 0346, 0217, 0072, 0037, 0516, 0070
Firstline 0037, 0009, 0072, 0217, 0216, 0247, 0294, 0374, 0668
Fisher 0104, 0217, 0072, 0370, 0208, 0036
Flint 0455, 0037, 0072, 0218, 0264, 0610
Forgestone 0193
Formenti 0216, 0037
Fraba 0037, 0370
Friac 0370, 0499, 0009
Frontech 0217, 0163, 0247, 0009, 0264
Fujitsu 0206, 0072, 0217
Funai 0294, 0264
GBC 0009, 0218, 0374
GE 0560
GEC 0217, 0516, 0072, 0163, 0361, 0037
GPM 0218
Galaxi 0037
Galaxis 0037, 0370
Geloso 0009, 0374
General Technic 0009
Genexxa 0218, 0009, 0163

GoldStar 0037, 0247, 0217, 0290, 0178, 0216, 0109, 0163, 0361
Goldline 0337
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Goodmans 0037, 0499, 0371, 0009, 0072, 0036, 0218, 0343, 0480, 0217, 0374, 0487, 0560, 0264, 0335, 0516, 0634
Gorenje 0370
Gradiente 0053, 0170
Graetz 0361, 0163
Granada 0516, 0037, 0072, 0208, 0108, 0217, 0226, 0473
Grandin 0455, 0037, 0282, 0610, 0009, 0163, 0374
Grundig 0070, 0535, 0195, 0487, 0037, 0009, 0556, 0587
HCM 0009, 0264, 0412, 0037, 0217, 0218, 0282, 0418
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Hantarex 0037, 0516
Hantor 0037
Harwood 0009, 0037, 0412
Havermy 0093
Hema 0217, 0009
Hifivox 0196, 0198
Hikona 0218
Hinari 0009, 0218, 0036, 0037, 0487, 0355
Hisawa 0455, 0282, 0610, 0218

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Interfunk 0361, 0037, 0163, 0012, 0512, 0327, 0247
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Kamp 0216
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Kasui 0282
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Profi 0009
Profitronic 0037
Proline 0072
Prosonic 0037
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Chapter 10:
Troubleshooting

If you are having trouble with the DTR, check the following items to see if the problem can be resolved. Sometimes another device is at fault, so be sure to also inspect the other devices being used.

Condition	Possible cause	Countermeasures
No sound, no picture.	• The DTR is not plugged into the main power supply. • The DTR is in standby.	• Check the mains power supply connection. • Press one of the number buttons or **STANDBY** ⏻ button on the remote to wake up the DTR.
	• Non-digital television is being viewed via the UHF aerial TV connection. • The SCART lead is connected to the wrong sockets. • The connections are correct but the TV is not switched to an external AV source (AV1 or EXT 1, etc.). • The connection cables might be defective (corroded, broken, or damaged) or missing.	• Press the remote **TV/DTV** button. • Check the SCART connections. • Check the TV setting. • Check all connections.
Only the Setup menu displays. No functions or menus can be accessed.	• A download list of (digital) services is not stored in the DTR's memory.	• Check the aerial connection. Choose **Add New Channels** from the **Installation** menu and scan for broadcast channels. If no channels have been added, other menu screens do not display.

Condition	Possible cause	Countermeasures
Only the HOME MENU, its sub-menus, and the information bar are available. Service selection is not possible.	• The DTR is not correctly set up for the aerial.	• Check if the analogue channels are received properly and then check the aerial connection (aerial to the DTR, and TV aerial input connected to the DTR UHF input). Refer to section *Signal Check* on page 30.
	• The aerial is not receiving the signal. • The received signal is too weak.	• Check the aerial installation and positioning. • Check the aerial installation and positioning or install a larger aerial. In unusual cases, the effect can be caused by severe weather or very heavy cloud cover.
	• The received signal is too strong. • The aerial is damaged.	• Install an attenuator at the receiver UHF input. • Replace the aerial.
Intermittent reception, frozen image, or "mosaic" effect.	• The cable links are defective (corroded, broken, or damaged connectors and/or wires). • A poorly positioned or unstable aerial is causing a poor signal.	• Check all the connections and cables. • Re-position the aerial and fasten it securely.
The remote is not working properly.	• There are no batteries in the remote or the batteries are low or dead.	• Check the batteries and replace them if necessary.

If the problem persists, please contact the dealer from whom it was purchased or Pioneer customer service on 01753-789500.

You can check the coverage of Digital TV in your area as well as referring to Frequently Asked Questions (FAQ's) on the web sites listed below:

Digital TV Group: http://www.dtg.org.uk

Freeview: http://www.freeview.co.uk

✎ Note

• Any product related inquiries should be directed to the dealer or Pioneer.

• The addresses above are subject to change without prior notice.

Chapter 11:
Specifications

System capabilities
DVB compliant MPEG-2 reception of broad-casts up to Main Profile @ Main Level

Video decoding
• DVB compliant MPEG-2 reception of broad-casts up to MP @ ML
• Video bit rate: up to 15 Mbit/sec
• Video format: 4:3 and 16:9
• Resolution: up to 720 by 576 pixels

Audio decoding
MPEG layer I/II (excluding multichannel management from one bit stream)

Operation/Features
• Automatic programme loading via scanning installation
• Free to air reception
• DVB subtitles
• Programme parental lock with PIN code
• Full remote
• Menu controlled operation using on-screen display
• Menu controlled installation using on-screen display
• 10 events over 10 months programme timer
• Video still image capture
• Multibrand TV remote

Reception-Demodulation
Demodulation conforming to ETSI EN 300 744 (COFDM)
  • supports FFT size 2k and 8k
  • All non-hierarchical modes supported.

Connections
• RF input (for aerial) connector: female IEC 169-25
  Tuner frequency range: 470-854 MHz (CH21 to 68)
• RF output (to TV) connector: male IEC 169-2
  Loopthrough frequency range: 47-862 MHz (VHF, UHF CH21 to 69)
  RF modulator: Standard PAL I
  Channel: selectable ch 21 to 68. (Default: ch 38)
• TV SCART
  Output: CVBS, Controlled audio L/R, RGB, S-VIDEO
• VCR SCART
  Input: CVBS, Audio L/R, S-VIDEO, RGB
  Output: CVBS, Audio L/R, S-VIDEO
• Optical digital audio output

Accessories
• Remote
• Aerial/RF lead
• Instruction manual
• Warranty card
• Batteries: 2 x 1.5V type AA/R06/UM-3
• Mains lead

Miscellaneous
• Operating Temperature: +5 ˚C to 40 ˚C
• Mains: 230 V +/–10%, 50 Hz
• Power consumption (W) 10 max
• Standby consumption (W) 4 max
• Weight (kg) 1.1
• Dimensions (w x h x d mm) 260 x 50 x 190

Specifications and design are subject to possible modifications without notice due to improve-ments.

This product is for use in the UK only.

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