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EN Digital Terrestrial Receiver

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**PHILIPS**

# Table of contents

<b>1</b>	<b>Important</b>	<b>4</b>	<b>7</b>	<b>Accessories and connections</b>	<b>27</b>
			7.1	Recorder connection	27
			7.2	Audio connection	27
<b>2</b>	<b>Your Digital Terrestrial Receiver</b>	<b>6</b>	<b>8</b>	<b>Guarantee and service</b>	<b>28</b>
2.1	What's in the box?	6	<b>9</b>	<b>Technical data</b>	<b>29</b>
2.2	What you also need	7	<b>10</b>	<b>Frequently asked questions</b>	<b>30</b>
2.3	Digital Terrestrial Receiver overview	7		<b>Contact information</b>	<b>31</b>
2.4	Main menu overview	8		<b>Trademarks and partner logos</b>	<b>31</b>
2.5	How to read this manual	8			
<b>3</b>	<b>Getting started</b>	<b>8</b>			
3.1	Prepare	8			
3.2	Connect	9			
3.3	Install	10			
<b>4</b>	<b>Using your Digital Terrestrial Receiver</b>	<b>11</b>			
4.1	Watching live TV	11			
4.2	Using options	13			
4.3	Settings	13			
4.4	Video Settings	13			
4.5	Language Settings	15			
4.6	Menu Settings	15			
4.7	Miscellaneous Settings	16			
4.8	Restore Factory Settings	16			
<b>5</b>	<b>Use more of your Digital Terrestrial Receiver</b>	<b>17</b>			
5.1	Digital Terrestrial Receiver full overview	17			
5.2	Remote control full overview	18			
5.3	Using channel list	19			
5.4	Creating and Editing channel list	19			
5.5	Extended installation	21			
5.6	EPG	22			
5.7	Timer	23			
5.8	Miscellaneous functions	24			
5.9	Radio	25			
5.10	Security	25			
<b>6</b>	<b>Maintenance</b>	<b>26</b>			
6.1	Cleaning	26			
6.2	Replacement	26			
6.3	Disposal	26			

# 1 Important

Take time to read this User Manual before using the Digital Terrestrial Receiver.  
It contains important information and notes regarding how to operate it.

	<p><b>Disposal of your old product</b> Your product is designed and manufactured with high quality materials and components, which can be recycled and reused. When this crossed-out wheeled bin symbol is attached to a product or its packaging, it means the product is covered by European Directive 2002/96/EC. Please inform yourself about the local separate collection process for electrical and electronic products. Please act according to your local rules and do not dispose of your old products with your normal household waste. The correct disposal of your old product will help prevent potential negative consequences for the environment and human health.</p>
	<p>The “Material recyclability symbol” affixed on package cardboard and user manual means these parts are recyclable. So do not dispose of them with your normal household waste.</p>
	<p>The “Material recyclability symbol” affixed on plastic packaging parts means these parts are recyclable. So do not dispose of them with your normal household waste.</p>
	<p>The “Green Dot” affixed on cardboard means PHILIPS pays a financial duty to the “Avoidance and Recovery of Packaging Waste” organization.</p>

Your receiver is powered using an AC adaptor. The Digital Terrestrial Receiver has been manufactured to meet the appropriate safety standards, but the instructions below must be followed to operate it safely. These instructions must be kept for future reference.

### **Danger**

- The Digital Terrestrial Receiver and AC adaptor do not contain any user-serviceable parts. Do not attempt to open them. All maintenance work must be carried out by qualified services centres.
- Make sure that children do not place any foreign objects in any of the openings.

### **Warnings**

- Before connecting the AC adaptor to the mains, check that the mains supply voltage corresponds to the voltage printed on it. If the mains voltage is different, consult your dealer.
- The AC adaptor has been designed for indoor use only.
- It is recommended to unplug the AC adaptor from the mains during lightning storms.
- Periodically inspect the AC adaptor for damage. Do not use if damage is found. Always refer to qualified services centres.
- To prevent fire or shock hazard, do not expose the Digital Terrestrial Receiver to rain or moisture.
- The Digital Terrestrial Receiver should be placed on a firm surface, and the ventilation openings must not be covered with items, such as newspapers, table clothes, curtains, etc.
- Do not install the Digital Terrestrial Receiver near heat sources such as radiators, stoves or other apparatus that produce heat. Protect it from direct sunlight.
- When installing the Digital Terrestrial Receiver, ensure there is a gap of approximately 5 cm around the Digital Terrestrial Receiver to enable air to circulate freely and prevent overheating.
- Leave accessible the AC adaptor in case emergency shutdown is required.
- Do not place any combustible objects on the Digital Terrestrial Receiver (candles, etc.).
- No objects filled with liquids, such as vases, shall be placed on the unit. The Digital Terrestrial Receiver shall not be exposed to dripping or splashing. Should this happen, disconnect the AC adaptor from the mains and consult qualified services centres.

Refer also to the cautions throughout this manual.

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## 2 Your Digital Terrestrial Receiver

Thank you for purchasing this product which has been designed and manufactured to give you many years of trouble-free service.

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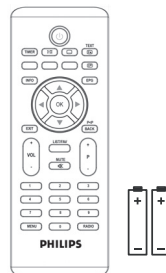
### 2.1 What's in the box?



Digital Terrestrial Receiver



User manual



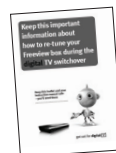
Remote control and 2 batteries



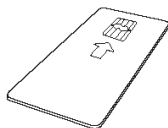
SCART cable



AC Adaptor



Leaflet



Smart card

### ⚠ Caution

Plastic bags can be dangerous.

To avoid suffocation keep the bag away from babies and children.

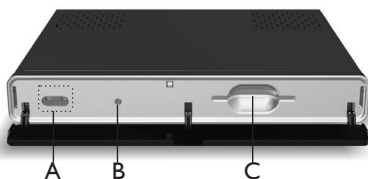
## 2.2 What you also need



Coaxial cable



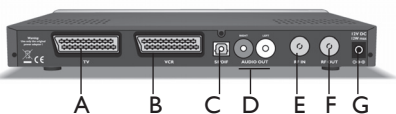
## 2.3 Digital Terrestrial Receiver overview



Main Unit

### Main unit

- A IR Receiver
- B Status led
- C Smart Card slot

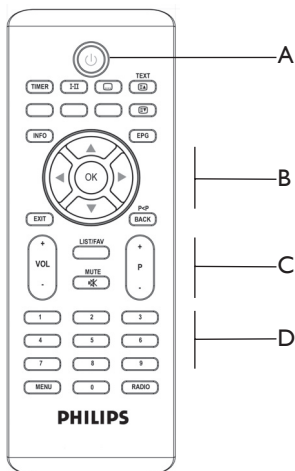


Main unit backside

### Main unit backside

- A TV\*
- B VCR\*
- C SPDIF\* (optical)
- D L/R AUDIO OUT\* (analogue)
- E RF IN\*
- F RF OUT\*
- G Power\*

\* Safety extra low voltage



Remote control unit

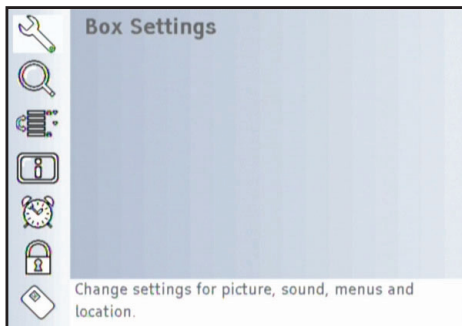
### Remote control unit

- A Standby
- B Navigation keys
- C Volume/channel control
- D Alphanumeric keypad

---

## 2.4 Main menu overview

- 1 Press the **MENU** key to access the main menu.



- 2 Use the arrow keys **▲** / **▼** to navigate through the different options.
- 3 Press **OK** to validate your choice.

### Note

For menu full overview, see chapter 5.

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## 2.5 How to read this manual

This User Manual contains all informations you need to:

- Set up all the available channels
- Use correctly your Digital Terrestrial Receiver

Each symbol below has a specific meaning.

### Danger

Describes situations of injury or loss of life.

### Warning

Describes actions that may cause damage to the product.

### Caution

Describes the actions required to avoid dangerous or illegal situations.

### Note

Additional information.

### Tip

Information that is useful to know but not essential to the task. For example, information about alternative use.

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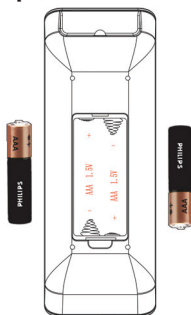
## 3 Getting started

In this chapter, the basic steps to get you started are described.

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### 3.1 Prepare

#### Prepare the remote control



- 1 Open the battery compartment.
- 2 Insert the two batteries supplied according to the indications (+/-) inside the compartment.

- 3 Close the battery compartment.

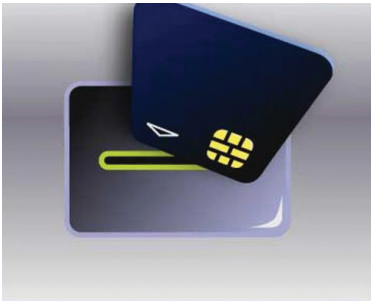
### Note

Point the remote control directly at the remote sensor on the front panel and select the desired function.

### Caution

Do not mix batteries or keep them in the remote control for long periods of time without use. Batteries must not be disposed of with your household waste but to a local separate battery collection system. Do not dispose of batteries in a fire.

### Insert the Smart card



To insert the smart card:

- Open the smart card door on the right side of the front panel.
- Insert the smart card into the smart card slot as far as it will go. The end of the card will be visible from outside the slot.

### Warning

Insert the Smart card with the chip facing down.

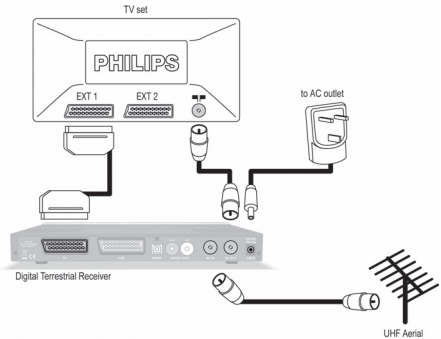
## 3.2 Connect

### Danger

Risk of electric shock!

Make sure all the devices are disconnected from the mains before making any connections.

### SCART connection



- 1 Connect the aerial cable from the wall socket to the **RF IN** socket at the rear of the Digital Terrestrial Receiver.
- 2 Connect the **RF OUT** socket at the rear of the Digital Terrestrial Receiver to the RF input of your TV set using a coaxial cable.
- 3 Connect the supplied scart cable to the scart input of the TV set and to the **TV** scart socket at the rear of the Digital Terrestrial Receiver.
- 4 Plug your Digital Terrestrial Receiver to the mains using the supplied power adaptor.

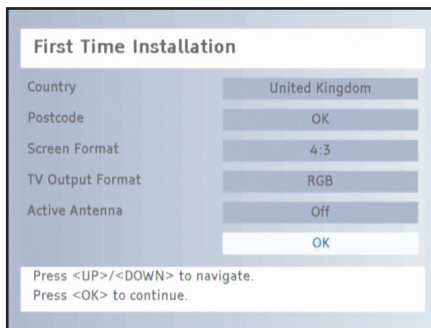


### 3.3 Install

Press **⏻** on the remote control and wait a few seconds to switch the receiver on.

The receiver is on: the LED is green.  
The receiver is in standby mode: the LED is red.  
During a software loading: the LED is blinking.

At the first installation, the **First Time Installation** window appears:



**First Time Installation**

Country	United Kingdom
Postcode	OK
Screen Format	4:3
TV Output Format	RGB
Active Antenna	Off
	OK

Press <UP>/<DOWN> to navigate.  
Press <OK> to continue.

- 1 Highlight the **Country** field using the arrow key **▲**.
- 2 Select the desired language using the arrow key **◀** or **▶**.

#### ⓘ Note

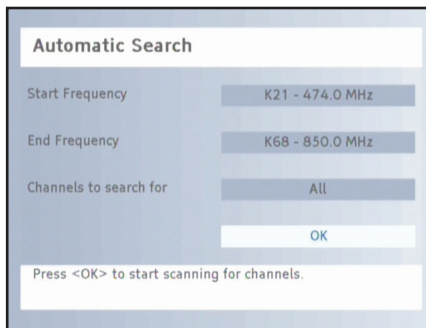
Read the information messages displayed on the screen. They will help you to set the correct values.

- 3 Highlight **Postcode** using the arrow key **▼**.
- 4 Press **OK** and enter your postcode.

- 5 Then successively set the desired values. In doing so, observe the following:
  - By using the arrow key **▲** or **▼**, you switch between the individual setting possibilities.
  - By using the arrow key **◀** or **▶**, you change the displayed values.

- 6 Then highlight the **OK** field using the arrow key **▼**, and press **OK**.

The **Automatic Search** window is displayed:



**Automatic Search**

Start Frequency	K21 - 474.0 MHz
End Frequency	K68 - 850.0 MHz
Channels to search for	All
	OK

Press <OK> to start scanning for channels.

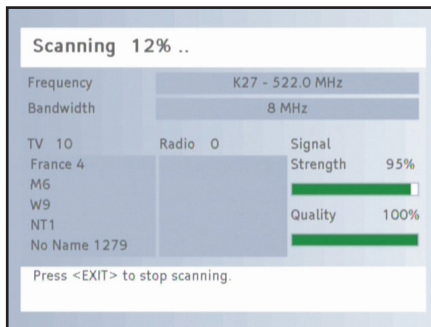
- 7 If desired, change the values for the **Start** and **End Frequency** using the arrow key **◀** or **▶**.

#### ⓘ Note



The displayed values for the **Start** and **End Frequency** can normally be maintained.

- 8 Using the arrow key **◀** or **▶**, you define the channels to be searched for: **All** channels or channels that are **Free to air** only.
- 9 Then highlight the **OK** field using the arrow key **▼**, and press **OK** to start the channel search.

The window displayed provides information on the progress of the channel search.



**Scanning 12% ..**

Frequency	K27 - 522.0 MHz	
Bandwidth	8 MHz	
TV 10	Radio 0	Signal Strength 95%
France 4		M6 
W9		Quality 100%
NT1		No Name 1279 

Press <EXIT> to stop scanning.

#### ⓘ Note:

By pressing **EXIT**, you can stop the scan mode at any time.

**10** As soon as the scan is completed, a window is displayed. Press **OK** to close it.

**11** Press **OK** again.

Now all the available channels are scanned and registered on your Digital Terrestrial Receiver.

### Note

If the signal quality is poor, a message prompting you to check your antenna/cable is displayed. Check your cable connections and scan for channels again.

If you do not receive channels that should be available, check also the Coverage of your area: See <http://www.freeview.co.uk>


## 4 Using your Digital Terrestrial Receiver

Once you have connected your Digital Terrestrial Receiver, use the remote control to operate the basic, frequently-used functions, such as switching on and off, changing channels and altering the volume.

### 4.1 Watching live TV

#### Digital Terrestrial Receiver wake-up

To wake up your Digital Terrestrial Receiver from standby, press one of the following keys and wait a few seconds:

-  on the remote control
- **P+/P-** on the remote control
- Any numerical key of the remote control

### Note

In order to reduce power consumption, switch your Digital Terrestrial Receiver to standby mode whenever you are not using it. For maximum energy saving we recommend you to switch off the Digital Terrestrial Receiver by unplugging the AC adaptor of the Digital Terrestrial Receiver if you are not using it for a long time.

#### Channel selection

To change channels, use **P+/P-** or the numerical keys of the remote control.

Press **P<P / BACK** to return to the previously tuned channel.

## Volume Control



To decrease or increase the volume level, use the volume keys **VOL +/-**. A change of volume is shown on-screen using a bar graph.

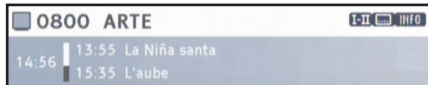
To mute the sound, press the **MUTE** key. The **MUTE** icon in the bar graph indicates audio mute. This icon disappears after a few seconds. To restore the sound, press the **MUTE** key again or the volume keys **VOL +/-**.

### Note

The volume level is controlled from your TV set. It can also be controlled using your TV remote control.

## Displaying information banner

Every time you change channels, the information banner is displayed. To display the banner anytime, press **INFO**. To exit it, press **EXIT**.



The information banner displays the selected channel memory number and the channel name. In addition, the time is displayed on the lower left edge of the information banner.

The display bar on the right next to the time graphically indicates the programme time that has already elapsed. The lower menu line displays the current and the next programme including its broadcasting time. After a few seconds, the information banner is automatically hidden.

### Note

You can define the display time of the information banner for yourself or completely prevent the automatic display. To do so, see the **Menu settings** chapter.

## Extended information banner

While the information banner is displayed on the lower screen edge, you can call up the extended information banner by pressing the **INFO** key again. The extended information banner supplies further details with regard to the current programme.



### Notes

- If the text is more extensive, it is distributed to several pages. By repeatedly pressing the **OK** key, you browse the next pages (arrow keys **▲** and **▼** are also possible).
- If you press the **INFO** or arrow key **▶**, information on the next programme is displayed. By pressing the arrow key **◀**, you return to the information on the current programme.

### Note

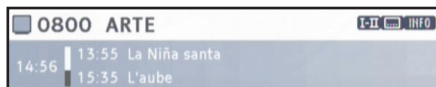
The extended information banner is not automatically closed. Press the **EXIT** key in order to close the extended information banner.

## 4.2 Using options

Some channels occasionally provide sound, subtitle and/or text options.

If a channel provides one or more of these options, the respective symbol is displayed in the right corner of the information banner when calling up the channel.

- I-III for sound options
- ... for subtitle options
- INFO for text options



It means that a sound, subtitle or text selection is available.



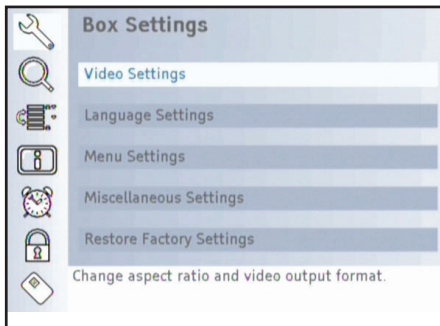
How to use the options:

- 1 Call up the desired channel.
- 2 Press the I-III key for audio selection, the ... key for subtitle selection or the INFO key for text selection.

## 4.3 Settings

- 1 Press the **MENU** key to open the main menu. The menu item **Box Settings** is highlighted by default.

- 2 Press **OK**.



- 3 Highlight the desired option using ▲ or ▼.
- 4 Press **OK**.

### Notes

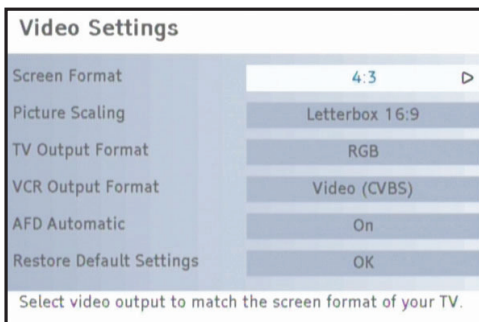
- In any case, observe the information text displayed on the bottom of the screen. It will help you to select the correct settings.
- Selecting and altering the settings is respectively effected by means of the arrow keys ▲ / ▼ and ◀ / ▶.
- A pop-up window can be closed by pressing the **EXIT** key

## 4.4 Video Settings

The video displayed on the TV depends on:

- Screen format
- Digital Terrestrial Receiver setting
- Broadcast content format setting

### Screen Format



You can select screen format according to the TV you have:

- 16:9 / Widescreen TV format
- 4:3 format

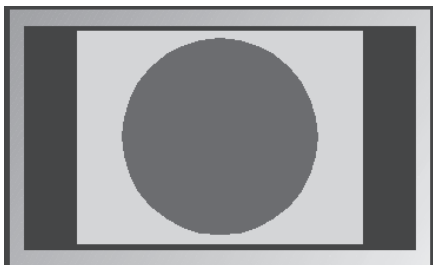
### Picture Scaling

This option allows you to determine the scaling of the picture. The effect of a selected option is visible in the background instantly.

If you have chosen 16:9 format, the next three picture scaling are available.

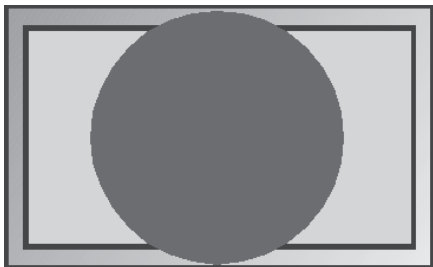
### Pillarbox

Reduces the picture in 4:3 mode for 16:9 format TV to scale, and for this purpose inserts two black bars left and right on the screen.



### Zoom

Presents the images in the 4:3 format in a screen-filling manner. Therefore, the top and bottom picture border is cut off.



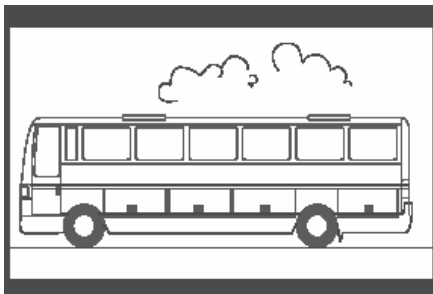
### Automatic

The scaling is automatic.

If you have chosen 4:3 format, the next three picture scaling are available.

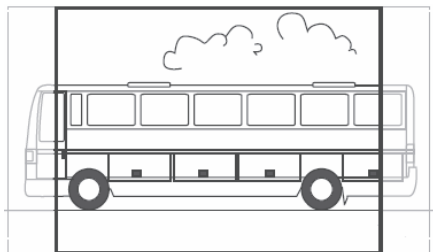
### Letterbox 16:9

Reduces films in 16:9 mode for 4:3 format TV to scale, and for this purpose inserts two black bars above and below on the screen



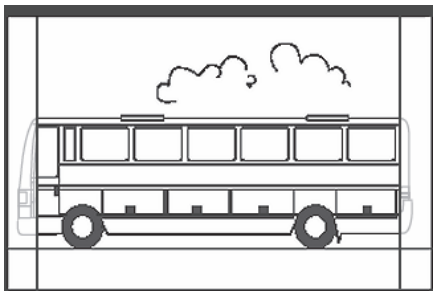
### Pan & Scan / CCO

Presents films in the 16:9 format in a screen-filling manner. With regard to 4:3 TV, the left and right picture borders are cut off.



### Letterbox 14:9

This represents a compromise between the other two settings. Small black bars are inserted and only a bit of the left and right picture borders is cut off.



## TV Output Format

For the video output TV, the formats RGB, Video (CVBS) and S-Video (Y/C) are provided. Here RGB is the correct selection in most cases.

## VCR Output Format

Here you can choose between Video (CVBS) and S-Video (Y/C).

## AFD Automatic

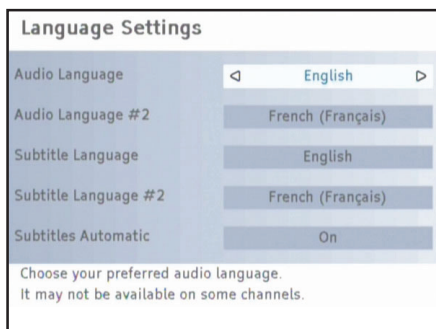
The broadcast picture format may deviate from the picture format to be displayed. AFD recognizes and corrects the presentation if you choose **On**.

## Restore Default settings

With this function, you reset the configuration for the picture settings to predefined default values. In most cases they allow for an acceptable image and language reproduction.

## 4.5 Language Settings

With this option, you set the language of the on-screen display (OSD).



### Audio Language

Select the language broadcast for the programmes.

### Audio Language #2

Select an additional language broadcast for the programmes.

## Note

If the desired programme is not broadcast in the main audio language, the language used will be the second audio language.

## Subtitle Language

Select a language for the subtitles.

## Subtitle Language #2

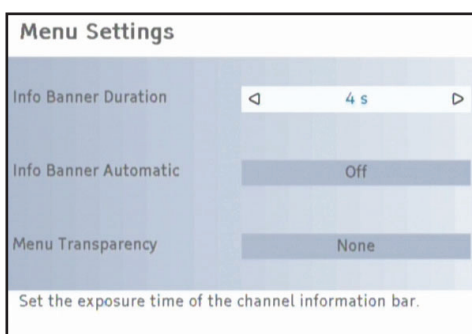
Select an additional subtitle language for the subtitles.

## Note

If the desired programme is not available in the main subtitle language, the language used will be the second subtitle language.

## Subtitles Automatic

Set this option to **On** if you want to automatically show broadcast subtitles in the selected caption language (by default, this option is set to **Off**).



## 4.6 Menu Settings

### Info Banner Duration

With this option you define for how long the information banner is displayed when you switch to another channel. If you never want the information banner to appear when changing channels, select **None**. If you want it to appear all the time, select **Permanent**.

### Info Banner Automatic

When a new programme begins, the information banner is automatically shown as a default. If you want to remove this option, select **Off**.

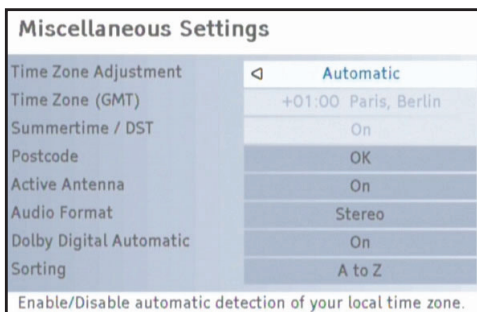
### Note

This option is only available if the value set under **Info Banner Duration** is at least 4 seconds.

### Menu Transparency

With this option you set the transparency of the OSD. If you have difficulties to read the OSD with transparent setting, select **None**.

## 4.7 Miscellaneous Settings



### Time Zone Adjustment

With this option you can select whether the local time offset with regard to Greenwich mean time is to be set automatically, or if you want to specify it yourself.

### Time zone (GMT)

Select the entry GMT +01:00 for Germany and Central Europe for example (time difference with regard to the Greenwich mean time).

### Summertime / DST

Set the menu item summer time to **Off** if it is not summer time at the moment.

### Notes

- If the Time Zone Adjustment is set to Automatic, the Time zone and the Summertime / DST are defined automatically and thus not available.
- The Digital Terrestrial Receiver obtains the information regarding summer time for the currently selected channel.

### Postcode

Select your postcode.

### Audio Format

This option provides mono and stereo formats for the audio output.

### Dolby Digital Automatic

This option enables automatic detection of Dolby Digital audio channels.

Two options are available:

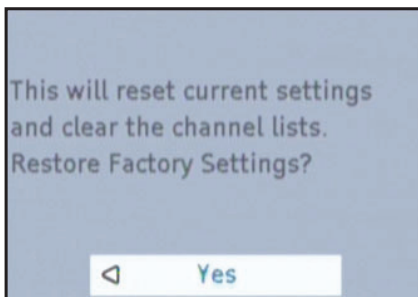
- **Off** if you only have connected a recorder device;
- **On** if you have connected a Dolby Digital Home entertainment system.

### Sorting

This option modifies the appearance and behaviour of the channel lists.

## 4.8 Restore Factory Settings

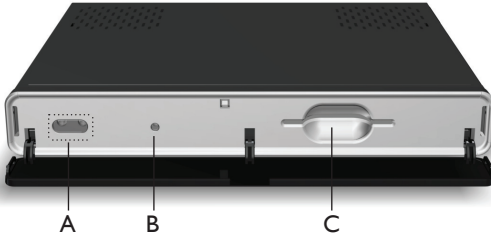
You can reset the device to default settings. Your Digital Terrestrial Receiver will have all its settings initialized like they were at first installation.



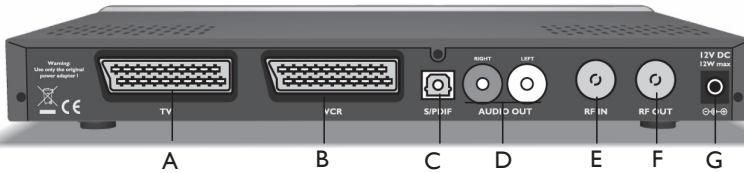
## 5 Use more of your Digital Terrestrial Receiver

This chapter gives a complete description of the functionalities of your Digital Terrestrial Receiver.

### 5.1 Digital Terrestrial Receiver full overview



Main unit



Main unit backside

#### Main unit

A IR Receiver

B Status led

Green: the receiver is on

Red: standby mode

Blinking: software update in progress

C Smart Card slot

#### Main unit backside

A TV scart\* - Output to connect your TV set

B VCR scart\* - Output to connect your video recorder

C Optical digital audio output\*

D L/R audio\* - Left/Right analogue audio outputs

E RF IN\* - Input to connect your aerial cable from the wall socket

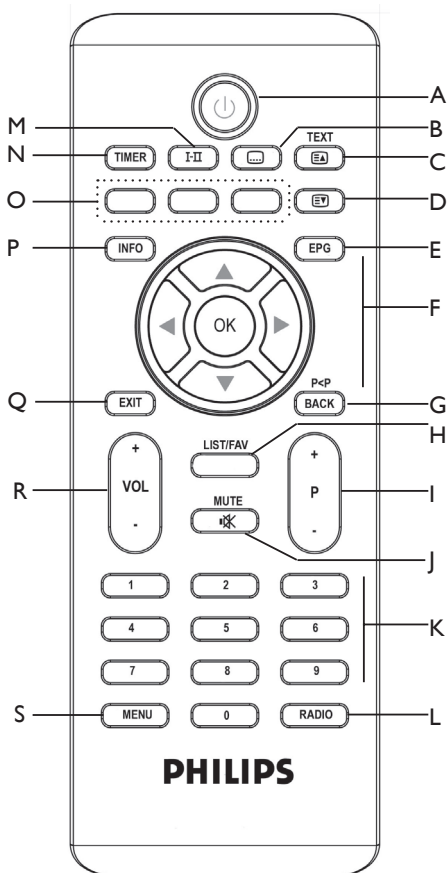
F RF OUT\* - Output to connect your receiver to a VCR/TV set/another receiver

G Power supply\* - Output to connect the AC adaptor

\* Safety extra low voltage



## 5.2 Remote control full overview



### Remote control unit

- A - Switch on or to standby mode
- B - Subtitle
- C TEXT (not applicable) / Page up
- D Page down
- E EPG - Open / Close the Programme Guide
- F Navigation keys - Move up/down, left/right  
OK: confirm the selection
- G P<P / BACK- Return to the previously tuned channel
- H LIST / FAV key - Favourite lists
- I Channel up / down - Select the next or previous channel
- J - Mute or restore the sound
- K Alphanumeric keypad
- L RADIO - Toggle between TV and Radio
- M I:II - Audio selection
- N TIMER
- O Contextual keys
- P INFO - Display the Information Banner
- Q EXIT - Close Menu / Info Banner
- R Volume control - Turn the sound level up / down
- S MENU - Open / Close menu

### Remote control unit

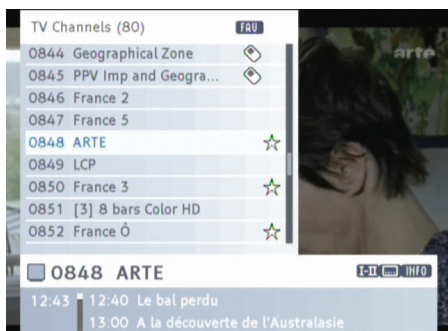
## 5.3 Using channel list

- 1 Press **LIST/FAV** to call up the channel list.

### Note

If no other window on the screen is opened, you can also call up the channel list by pressing the **OK** key.

This list contains all TV channels the device has found and stored during automatic channel scan.



### Note

Press the **LIST/FAV** key again, the favourite list is displayed. This individual channel list only contains the channels you have chosen to be as your favourite channels.

For further information on this, refer to chapter **Defining channels as your Favourites**. Favourites are marked with a star in the channel list.

- 2 Observe the following to navigate through the channels
  - Use **▲** or **▼** to highlight the next or the previous channel in the list.
  - Use **◀** or **▶** to skip eight positions in the channel list respectively backwards or forwards.
  - Use the **Page up / Page down** keys to skip eight positions in the channel list respectively backwards or forwards.
- 3 Press the **OK** key after you have selected the desired channel.

## Notes

- The programme of the selected channel is displayed in the background. The channel list remains opened for several seconds. During this time, you can select another channel by using the arrow keys, or press the **OK** key in order to close the channel list immediately.
- If the device is switched to radio mode, you can also carry out the previously described actions in the same manner for the stored radio channels.

## 5.4 Creating and Editing channel list

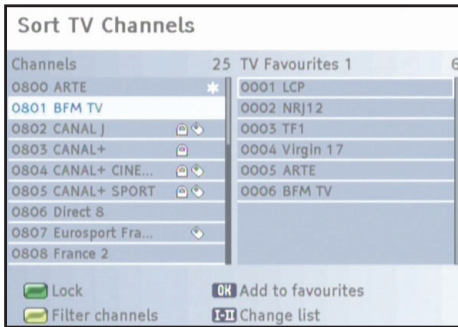
Sometimes the channel list may appear too complex or may contain channels that you are not interested to watch anymore.

Via the main menu, you can edit and create your own favourite list.

- 1 Press the **MENU** key.
- 2 Select the third menu item **Sort Channels** using the arrow key **▲** or **▼** and then press **OK**.



- 3 Select one of the Favourite lists using the arrow key **▲** or **▼** and then press **OK**.



- 4 Press the yellow key to access the filter options. You may filter the channel list by criteria such as free or scrambled broadcasts or by network / provider. You may sort the list by numbers or alphabetically. Use the arrow keys to navigate inside the **Filter channels** screen.
- 5 Press the green key to lock a channel. A padlock appears next to the channel name.

### Note

To be able to lock a channel, the **Channel lock** setting has to be active. Refer to chapter **Security**.

### Defining channels as your favourites

The favourite list contains all channels you have defined as favourites. From this list, you can create a personalized channel list.

- 1 Select the channel you want to indicate as a favourite using the arrow key ▲ or ▼.
- 2 Press the **OK** key to add the channel to the favourite list. A star indicates that the channel is in a favourite list.
- 3 Repeat this process with all channels you want to indicate as favourites.
- 4 After you have carried out the desired settings, press the **EXIT** key in order to close the window.
- 5 Save the changes by pressing the **OK** key.

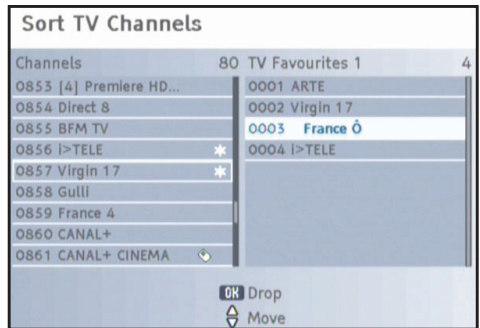
### Note

The previously described functions are also provided to you with regard to the radio channel list.

Press the **RADIO** key to call up the overview of the radio channels. You can return to the TV channel list by pressing the **RADIO** key again.

### Shifting channels in the favourite list

You can individually set the sequence of the channels within the channel list.



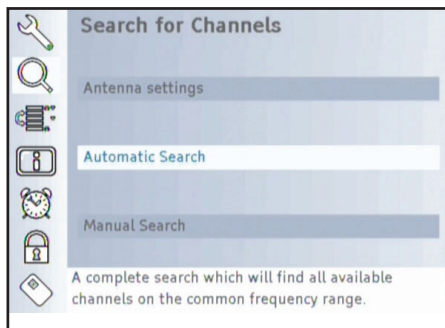
- 1 Press the arrow key ► to highlight and edit the favourite list.
- 2 Highlight the channel you want to shift using the arrow key ▲ or ▼.
- 3 Press the **OK** key to confirm the channel to be shifted.
- 4 Shift the highlighted channel to the desired position using the arrow key ▲ or ▼.
- 5 Press the **OK** key to store the channel at the desired position.
- 6 Press the **EXIT** key to save.
- 7 Press the **OK** key to save the changes.

### Deleting channels in the favourite list

- 1 Press the arrow key ► to highlight and edit the favourite list.
- 2 Highlight the channel you want to delete using the arrow key ▲ or ▼.
- 3 Press the red-coloured key **Delete**.
- 4 To delete all the channels in the favourite list, press the yellow-coloured key **Delete all**.
- 5 Press the **EXIT** key to save.
- 6 Press the **OK** key to save the changes.

## 5.5 Extended installation

- 1 Press the **MENU** key.
- 2 Highlight the second menu item **Search for Channels** using the arrow key **▲** or **▼** and then press **OK**.



After the first installation (refer to chapter **Install**), it may be required to search for channels again or to add specific channels that are additionally broadcast.

### Note

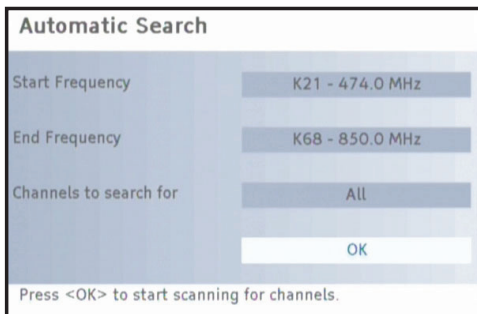
In order to carry out an extended installation, you have to reset the device to its default settings. Refer to chapter **Restoring Factory Settings**.

Two options are available.

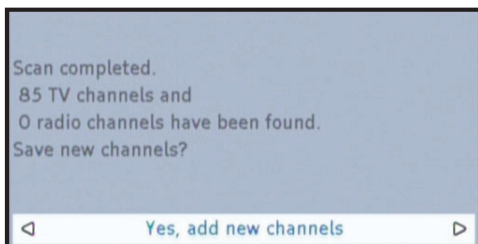
### Automatic Search

This scan mode is usually the appropriate one, because normally all channels are found automatically.

- 1 Highlight **Automatic Search** and then press **OK**.



- 2 Press the **OK** key to start the automatic scan mode.

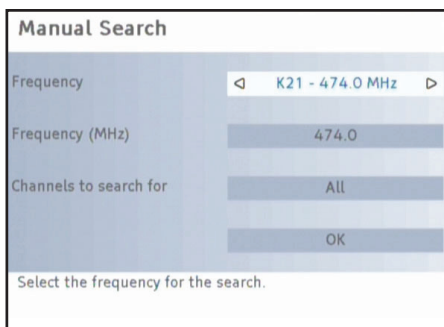


- 3 Using **◀** or **▶**, choose whether:
  - The channels found are to be added to the old list (standard setting),
  - The old channel list is to be overwritten,
  - The new found channels are to be discarded.
- 4 Press the **OK** key.

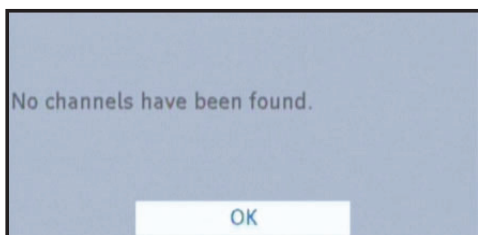
### Manual Search

This type of scan mode enables the specific search for an individual channel. This is particularly interesting if you only want to include one individual channel into your channel list and you know the accurate information on the channel and frequency.

- 1 Highlight **Manual Search** and then press **OK**.



- 2 Successively select the adjustable values using the arrow key ▲ or ▼.
  - The desired **Frequency** is set with the arrow key ◀ or ▶ .
  - The frequency in **MHz** is entered via the numerical keys of the remote control.
- 3 Choose whether **All** channels or channels that are **Free to air** only are to be searched for.
- 4 Then highlight **OK** and press the **OK** key to start the manual scan mode.
  - If some channels were found, the same message as the one in the automatic scan mode will be displayed. Refer to previous paragraph.
  - If no channel was found, a message will be displayed.



- 5 Press the **OK** key.

## 5.6 EPG

The electronic programme guide (EPG) offers you an overview of all programmes to be broadcast in the coming week on the current channel.

## Notes

- Not all channels offer an extensive **EPG**.
- Many broadcasting services broadcast the current day programme but do not offer detailed descriptions.
- There are broadcasting services that do not offer any **EPG** information.
- Due to the progressive technical development, more and more broadcasting services will extend this offer in the future.

- 1 Select the desired channel.
- 2 Press the **EPG** key to call up the electronic programme guide.
- 3 Close the **EPG** by pressing the **EXIT** key.



**EPG** offers the following functions:

- If you require more information on a programme, highlight it using the arrow key ▲ or ▼ and then press **INFO**.
- You can select programmes earlier or later in the day using the arrow key ▶ or ◀ .
- Change to the programme of another day using the green (next day) or the red button (previous day).
- If you want to adopt a programme into the timer list, highlight it and press the **TIMER** key. Confirm the request by selecting **Yes** and pressing the **OK** key.

## Note

Detailed information on the **Timer** can be found in the next paragraph.

## 5.7 Timer

By means of the timer setting, you can switch your Digital Terrestrial Receiver on and off at a specific time. For example, it can allow a recording with a recorder device. The device then automatically switches on in the standby mode. If the device is already switched on, the device automatically switches to the selected programme.

### Note

Remember to program your recorder device to the respective time.

### Adding a programme to timer list

The timer function is included into the timer list via the **EPG**. Refer to previous paragraph.

- 1 Open the **EPG** and highlight the desired programme.
- 2 Press the **TIMER** key. By default, the answer to the confirmation question is **Yes**.

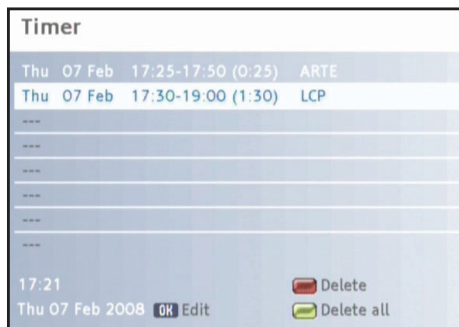


- 3 Press the **OK** key.

The window is closed and the selected programme is stored in the timer list.

### Editing timer list

During the normal programme replay, press the **TIMER** key to open the timer list.

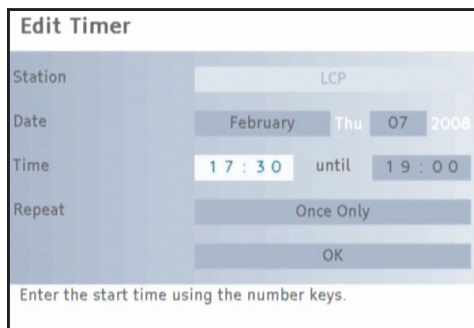


### Deleting (a) programme(s) from the timer list

- 1 Select the desired programme.
- 2 Press the respective coloured key:
  - Red: the selected programme is deleted.
  - Yellow: all programmes are deleted.
- 3 Choose **Yes** using the arrow key ►.
- 4 Press **OK** to confirm the request.

### Timer editing

- 1 In the Timer list, select the desired programme and press **OK**.




- 2 Change the displayed settings by using the arrow and numerical keys. Then you can:
  - Change the date (month and day)
  - Set the time (starting and end time)
  - The cycle (interesting for series and regularly recurring programmes)
- 3 Then highlight **OK**, and press the **OK** key.

## Switching off current timer functions

### Note

During a timer programme, no key is activated.

To switch off the timer function:

- 1 Press the Standby key .  
A programme message is displayed.

Timer is running.  
Press <OK> key to cancel this timer.

- 2 Press the **OK** key.  
A message telling that the Timer is deleted appears.



Timer terminated.

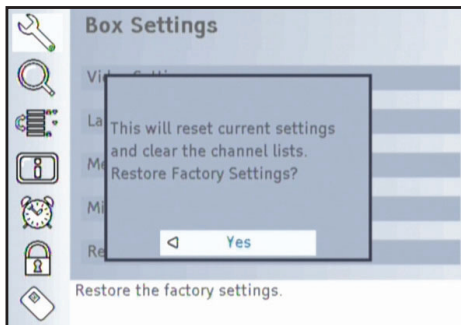
## 5.8 Miscellaneous functions


### Restoring default settings

You can reset the device to default settings. Your Digital Terrestrial Receiver will have all its settings initialized like there were at the first installation.

For example, all the favourite lists created will be deleted.

- 1 Press the **MENU** key. By default, the item **Box Settings** is highlighted
- 2 Press the **OK** key.
- 3 Highlight the item **Restore Factory Settings** using the arrow key  or , and then press **OK**.





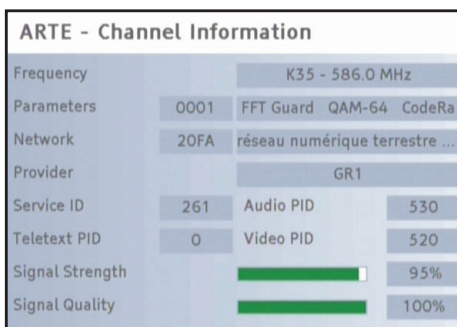
- 4 Set **Yes** by using  and then press **OK**. The device carries out a reboot. It switches off, and shortly afterwards switches on again.

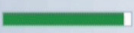
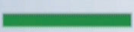
- 5 Carry out an initial installation. Refer to chapter **Install**.

### Displaying channel and system information / adjusting the antenna

This function solely serves to supply information on one channel. However, you can use it for adjusting your antenna and for improving the television reception.

- 1 Press the **MENU** key to access the main menu.
- 2 Highlight the fourth menu item **Technical Information** using the arrow key  or , and then press **OK**. By default, **Channel Information** is highlighted.
- 3 Press **OK**.





ARTE - Channel Information			
Frequency	K35 - 586.0 MHz		
Parameters	0001	FFT Guard	QAM-64 CodeRa
Network	20FA	réseau numérique terrestre ...	
Provider	GR1		
Service ID	261	Audio PID	530
Teletext PID	0	Video PID	520
Signal Strength			95%
Signal Quality			100%

- 4 Adjust your antenna so that the two specifications **Signal Strength** and **Signal Quality** display a preferably high value.

### Note:

Depending on your antenna, you can possibly carry out settings on your antenna.

- 5 Press the **EXIT** key.
- 6 Highlight **System Information** using the arrow key  or  and then press **OK**. Here you find technical information on your device. This information normally is only relevant with regard to support.
- 7 Press the **EXIT** key three times to return to the TV programme.

## Carrying out software update

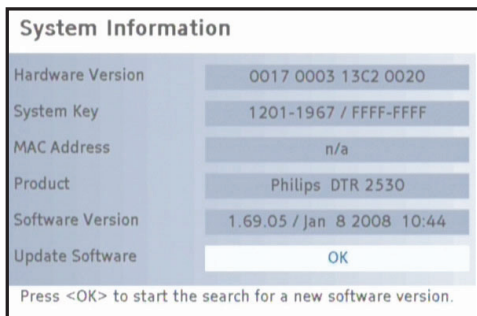
### Note

For this purpose, your Digital Terrestrial Receiver has to be set to standby mode.

Every night between 1 am and 5 am, your Digital Terrestrial Receiver checks whether a software update is available. If a new software is available, you will receive a message, at the next switch on of your Digital Terrestrial Receiver to accept the update. Then the software update starts.

You can also start the search process manually.

- 1 Press the **MENU** key.
- 2 Highlight **Technical Information** using the arrow key ▲ or ▼ and then press **OK**.
- 3 Highlight **System Information** using the arrow key ▲ or ▼ and then press **OK**.



- 4 Press **OK** to start the software update.
- 5 Use the arrow key ◀ or ▶ to select **Yes**.
- 6 Press **OK** to start the update.

## 5.9 Radio

### Note

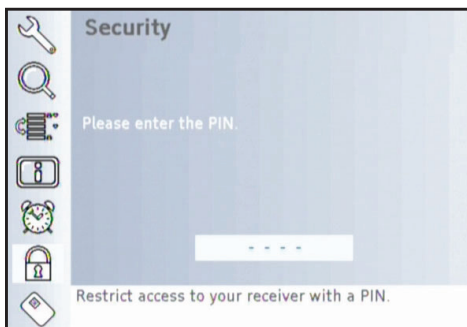
Digital radio programmes are not broadcast in all countries. In this case, a message indicating that the radio list is empty appears.

- 1 If a digital radio programme is broadcast in your country, press the **RADIO** key to receive it.

- 2 In order to view the TV programme again, press the **RADIO** key again.

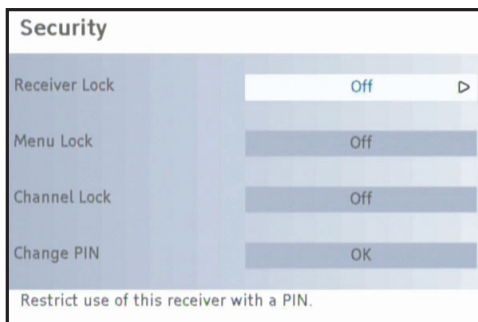
## 5.10 Security

- 1 Press the **MENU** key.
- 2 Highlight the sixth menu item **Security** using the arrow key ▲ or ▼ and then press **OK**.
- 3 Enter the PIN code.



### Notes

- The PIN code is set to 0000 at the factory. Take into account the displayed information. It will help you to select the correct settings.
- Selecting and altering the settings is carried out by means of the arrow keys.
- A displayed window can be closed by pressing the **EXIT** key.





## Receiver Lock

Set this option to **On** if you want to protect your complete device against unauthorized access.

So, at the next switch on, the PIN code will be requested (the PIN code is set to 0000 at the factory).

## Menu lock

Set this option to **On** if you want to protect your menus against unauthorized access.

For the next activation of the menu, the PIN code will be requested (the PIN code is set to 0000 at the factory).

## Channel lock

Set this option to **On** if you want to be able to lock a channel. These channels are PIN-protected. You can only watch them after entering the right PIN code. Refer to chapter

### Creating and Editing channel list.

## Change PIN

This option allows you to specify your personal PIN code.

- 1 Press the **OK** key.
- 2 For this purpose, enter the **Current PIN** code and confirm by pressing the **OK** key.
- 3 Then, enter your **New PIN** code and then press **OK**.
- 4 To confirm your new PIN code, enter it again and then press **OK**. A confirmation message is displayed.
- 5 Press **OK**

---

## 6 Maintenance

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### 6.1 Cleaning

For cleaning, use a soft, damp (not wet) cloth. Never use any abrasive cloth and aerosol cleaners.

---

### 6.2 Replacement

The Digital Terrestrial Receiver does not contain any user-serviceable parts. Do not attempt to open it. All maintenance work must be carried out by qualified service centres.

---

### 6.3 Disposal

Your product is designed and manufactured with high quality materials and components, which can be recycled and reused.

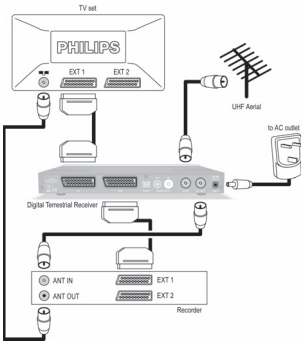
Please inform yourself about the local separate collection process for electrical and electronic products.

Please act according to your local rules and do not dispose of your old products with your normal household waste. The correct disposal of your old product will help prevent potential negative consequences for the environment and human health.

## 7 Accessories and connections

### 7.1 Recorder connection

- 1 Connect the supplied scart cable to the



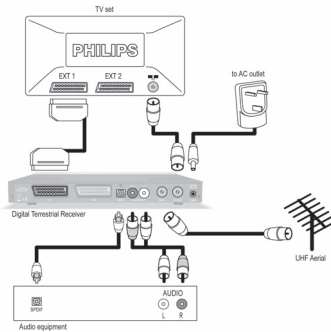
**VCR** scart socket at the rear of the Digital Terrestrial Receiver and to the scart input EXT1 of the recorder.

- 2 Connect the aerial cable from the wall socket to the **RF IN** socket at the rear of the Digital Terrestrial Receiver.
- 3 Connect the **RF OUT** socket at the rear of the Digital Terrestrial Receiver to the **ANT IN** socket at the rear of the recorder using a coaxial cable.
- 4 Connect the **ANT OUT** socket at the rear of your recorder to the RF input of your TV set using a coaxial cable.
- 5 Connect a scart cable to the scart input of the TV set and to the **TV** scart socket at the rear of the Digital Terrestrial Receiver.
- 6 Plug your Digital Terrestrial Receiver to the mains using the supplied power adaptor.

#### Warning

To be able to record digital television, you must make sure the Digital Terrestrial Receiver is on.

### 7.2 Audio connection



#### Analogue connection

Connect the **L/R** audio outputs of the Digital Terrestrial Receiver to the relevant input of your audio equipment using a double CINCH cable (not supplied).

Consult the user manual of your audio equipment to choose the proper analogue audio inputs.

#### Digital connection

Connect the **SPDIF** output of the Digital Terrestrial Receiver to the relevant input of your audio equipment using a single CINCH cable (not supplied).

Consult the user manual of your audio equipment to choose the proper digital audio input.

---

## 8 Guarantee and service

### **English**

Dear Customer,

Thank you for purchasing this Philips product.

For the Philips warranty applicable to this product, we refer you to the Philips website [www.philips.com/guarantee](http://www.philips.com/guarantee). In the event you do not have an Internet connection, please contact your local Philips Consumer Care Centre.

Contact details are given in the Consumer Care Centres list hereafter.

## 9 Technical data

The product complies with the following European council Directive: 2006/95/CE.

### Specifications

#### Connectivity

- Terrestrial antenna interface: RF in, IEC 169-2, RF out, (bypass) IEC 169-2
- Audio Output - Digital: Optical (TOSLINK)
- TV scart out: CVBS, RGB, Audio L/R
- VCR scart out: Audio L/R, CVBS

#### Convenience

- Ease of Installation: Autoinstall
- Parental control: Lock with PIN code, Child timer
- Programmable Events: 8
- User Interface: Automatic program list update, Multiple subtitles supported, On Screen Display on TV, Software upgrade over the air, TV and Radio mode, Now & Next ESG, 7 day Electronic program Guide

### System Specifications

- Flash memory size: 2 MB
- Ram size: 16 MB SDRAM

### Video Decoding

- Aspect Ratio: 16:9, 4:3 Letterbox, 4:3 Pan Scan
- Compression Format: MPEG-2 MP@ML (std definition)
- Conditional access system: Mediaguad(card not supplied), Subscription needed for pay-TV
- Resolution: up to 720 x 576 interlaced
- De-scrambling: Smart Card reader

### Audio Decoding

- Compression format: MPEG layer I/II
- Sound system: Dolby Digital Bitstream out, Mono, Stereo

### Power

- Mains power: 230V AC/50Hz to 12V DC
- Power consumption: 7W
- Standby power consumption: 5W

### Dimensions

- Product dimensions (W x H x D): 240 x 44 x 145 mm
- Carton dimensions (WxDxH): 305x245x65mm
- Weight: 0.98 kg
- Weight incl. Packaging: 1.78 kg

### Accessories

- Included Accessories: Mains cord, Remote Control, User Manual, SCART cable
- Batteries: 2 size AAA

### Tuner/Reception/Transmission

- Demodulation type: COFDM 2K/8K, MPEG-2 DVB compliant, Network: MFN/SFN, QAM, QPSK
- DVB: Terrestrial
- Input frequency range: 474-862 MH

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## 10 Frequently asked questions

This chapter gives the most frequently asked questions and answers about your Digital Terrestrial Receiver.

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### Connection

#### **On-screen display working but there is no reception**

Check the installation

#### **Intermittent reception**

Check all connections and cables

#### **The picture is not sharp and on-screen text is difficult to read**

- Change the **TV scart output** setting to RGB from the System settings screen
  - Refer to your TV user manual
  - Use the scart cable supplied with the Digital Terrestrial Receiver
- 

### Set-up

#### **The LED on the front panel does not light up.**

- Check that the AC adaptor is correctly connected. Disconnect this cord and reconnect it to ensure it is in place
- Check that power is available at the wall socket

#### **The remote control does not operate the Digital Terrestrial Receiver**

- Make sure the Digital Terrestrial Receiver is on
  - Make sure you are pointing your remote control at the front panel of the Digital Terrestrial Receiver
  - Check the batteries in your remote control
- 

#### **You cannot find all the channels you think should be available.**

Try re-tuning the device, following the relevant steps in chapter Install. If you are still missing channels, call your customer service adviser.

#### **Some radio stations cannot be received from time to time**

These services are not transmitted 24 hours a day and can sometimes be unavailable. This is not a fault.


#### **You have forgotten your PIN Code**

When prompted for your PIN Code, enter the Master PIN Code. This will allow you to proceed as well as reset the current PIN Code to its default value (default is 0000). The Master PIN Code is 8111. Keep this code secret to prevent others from using it.

---

### Installation

#### **No sound or picture but the front panel LED is lit in green**


- Check the connections at the wall socket and Digital Terrestrial Receiver
  - Press  on the remote control twice or press P+/P-.
- 

#### **The picture on some channels seems to have been stretched or squashed.**

Check the Digital Terrestrial Receiver TV shape setting, following the information in paragraph **Video Settings**. If you have a wide screen TV, you may also need to check the settings on your TV. The display format being managed by the Digital Terrestrial Receiver, set your TV to “full screen” or to the similar equivalent setting (refer to the user manual of your TV set).

#### **The order of the channels has changed.**

Refer to chapter **Miscellaneous Settings** to change the order again.

 If none of the above suggestions seems to work, try unplugging your Set Top Box and then plugging it in again. If this does not work, contact either your supplier or a qualified repair technician. Never attempt to repair your set top box yourself.

---

## Contact information

---



### **DTR 2530**

Serial number:

### **UNITED KINGDOM**

Philips CE, The Philips Centre,  
Surrey

Phone: 0870 900 9070 (ps tn)

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