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HD Digital Receiver

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# User's Manual

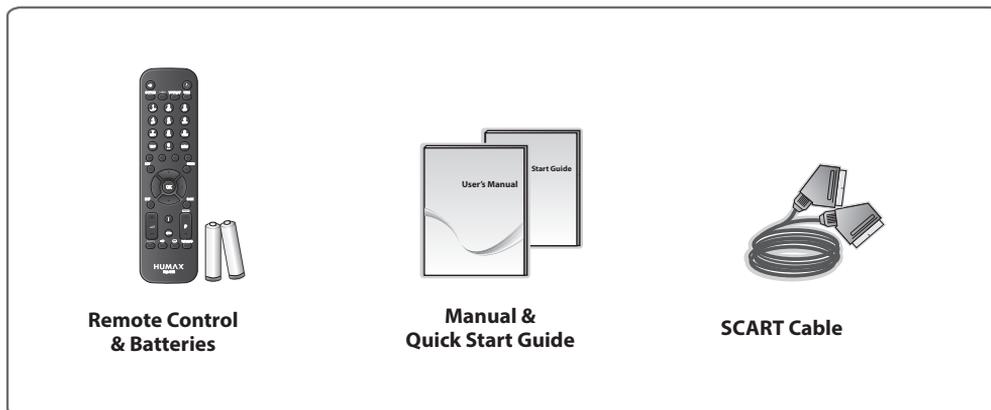
## HD-5500T

The default password is 0000.



**HUMAX**

## 1. Checking Accessories



**Note:** The accessories may vary according to area.

### Customer information

**concerning the „Application of the Directive 2008/103/CE regarding batteries, accumulators and the related waste disposal“.**

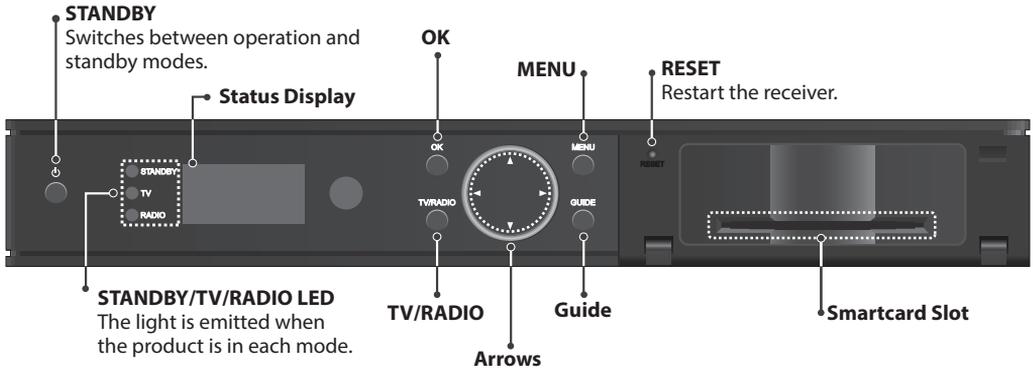
Your remote control needs 2 batteries AAA type, 1,5VDC. The batteries included don't contain mercury (Hg), cadmium (Cd) or lead (Pb).

Do not mix different types of batteries or new and old batteries. Do not use rechargeable batteries. In order to avoid any risk of explosion, observe polarities indicated inside the battery compartment. Replace only with the type of batteries specified above. Do not throw them into fire, do not recharge them. If you are not using the remote control for a long period of time, remove the batteries. Please respect the environment and prevailing regulations! Batteries must be collected separately from other refuse!

# Quick Start Guide

## 2. Product Overview

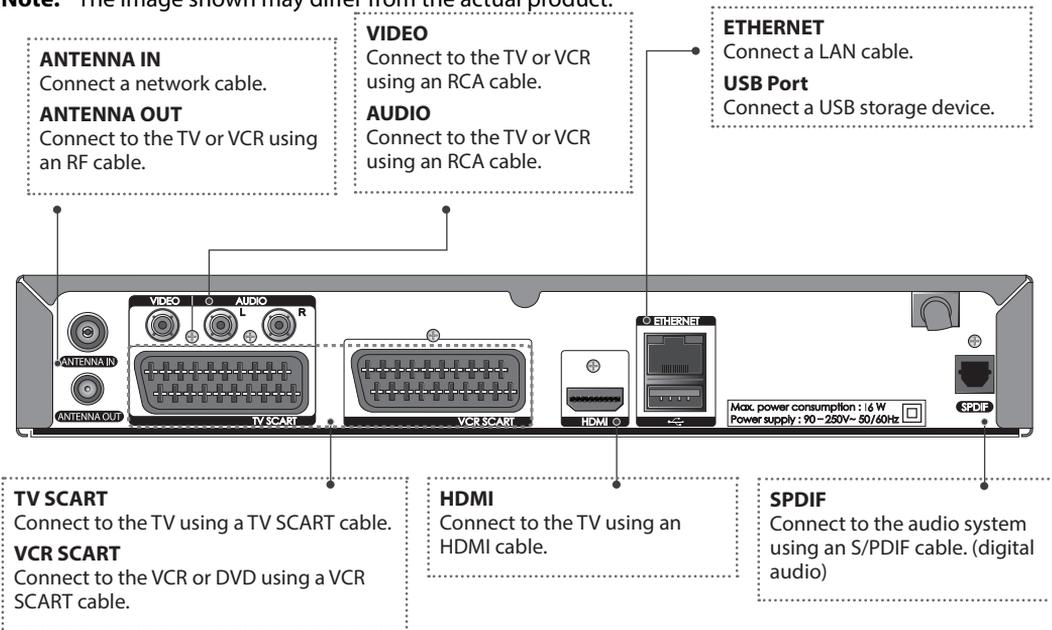
### Front Panel



**Note:** The image shown may differ from the actual product.

### Rear Panel

**Note:** The image shown may differ from the actual product.



# Quick Start Guide

English

## Remote Control

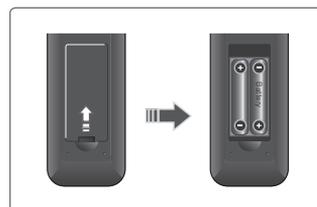


	<b>MUTE</b>	Mutes audio.
	<b>STANDBY</b>	Switches between operation and standby modes.
	<b>SOURCE</b>	Controls the output of TV SCART.
	<b>mhp</b>	Displays MHP application information.
	<b>V-FORMAT</b>	Sets the resolution of video.
	<b>WIDE</b>	Sets the display format.
	<b>NUMERIC Buttons</b>	Enters a TV/radio channel number.
	<b>TEXT</b>	Enters the digital text service.
	<b>MENU</b>	Displays the main menu.
	<b>COLOUR Buttons</b>	Colour keys for interactive applications
	<b>LIST</b>	Displays the channel list.
	<b>GUIDE</b>	Displays the programme guide.
	<b>ARROW Buttons</b>	Moves the cursor up, down, left or right.
	<b>OK</b>	Selects a menu or confirms.
	<b>EXIT</b>	Exits all On-Screen Display (OSD) screens.
	<b>BACK</b>	Returns to the previous screen.
	<b>VOLUME</b>	Adjusts the audio volume.
	<b>i(Information)</b>	Displays the channel and programme information.
	<b>OPT+</b>	Displays the channel attributes.
	<b>P+/-</b>	Changes the channel or page.
	<b>MyEPG</b>	Displays the MyEPG screen.
	<b>AUDIO</b>	Displays the audio list.
	<b>SUBTITLE</b>	Displays the subtitle language list.
	<b>TV/RADIO</b>	Switches between TV and radio modes.

**Note:** The image shown may differ from the actual product.

### Inserting Batteries

1. Press the hook upward and lift the battery cover off.
2. Insert the batteries (supplied) matching the plus(+) and minus(-) at each end.
3. Close the cover.

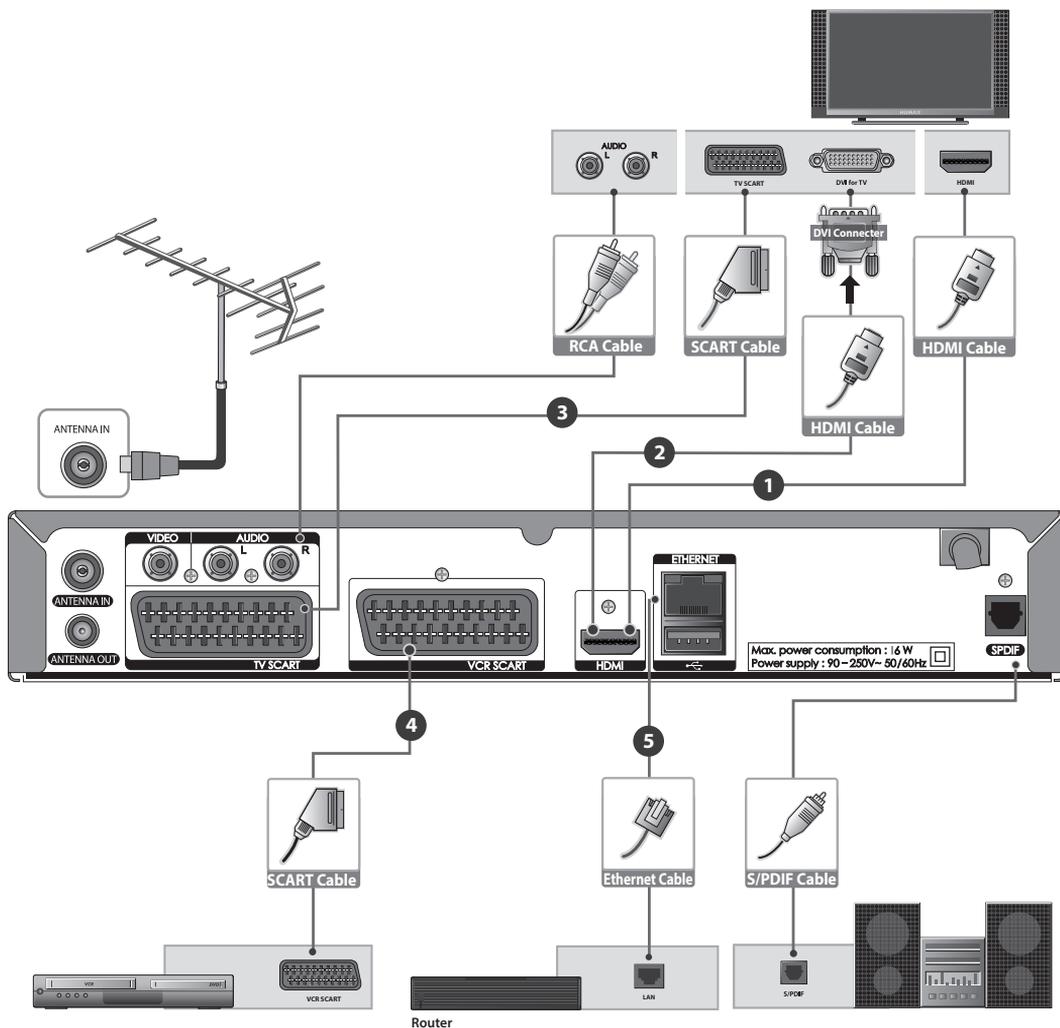


# Quick Start Guide

## 3. Connections

This section describes how to connect your product to match your particular devices setup and to gain optimum signal quality. The product provides various interfaces to connect to the TV, VCR or other devices. Select the most appropriate procedure depending on the device you have.

**Note:** If you encounter any problems setting up your product, please contact your local retailer or Humax Customer Helpline.



## Connecting the Antenna

Connect the aerial to the **ANTENNA IN**.

## Connecting the TV and VCR

You can select one of the following connections depending on the device you have.

### ❶ TV with the HDMI connector;

For the best picture quality, connect the product and TV using an HDMI cable.

### ❷ TV with the DVI connector;

For very good picture quality, connect the product and TV using an HDMI cable and an HDMI-to-DVI converter for video and an RCA cable(Audio L/R) for audio.

### ❸ TV with the SCART connector;

For good picture quality, connect the product and TV using a SCART cable (TV SCART).

### ❹ TV with the SCART connector;

To output video and audio, connect the product and VCR using a SCART cable. (VCR SCART).

### To make the audio connection, you can either

1. Connect the product and TV using an RCA cable (Audio L/R).
2. When using the digital audio system, connect the product and the digital audio system using an S/PDIF cable.

#### **Note:**

- Connecting your TV directly to the audio/video output of the product will assure a more vivid picture and enhance your viewing enjoyment.
- Programmes restricted by DRM (Digital Rights Management) may not be viewed via the HDMI cable. Connect using the SCART or RCA cable.

## Connecting the Network

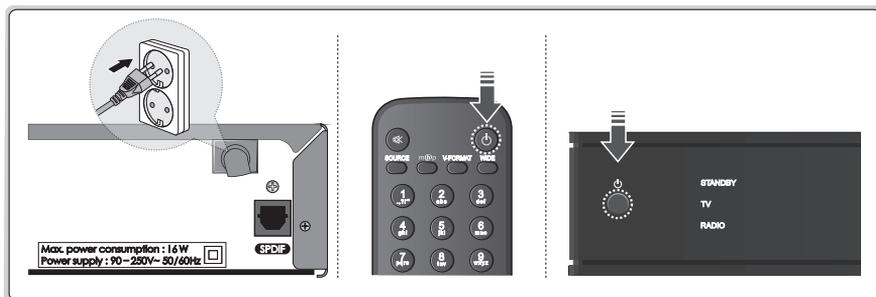
### ❺ Connecting to the LAN;

Connect one end of the Ethernet cable to the receiver and the other end to the LAN router.

# Quick Start Guide

## 4. Powering On

1. Connect the power cord of the product to a wall outlet.
2. Power on by pressing the **STANDBY** button on the remote control or the **STANDBY** button at the front of the product.



## 5. Installation Wizard

When powering on your product for the first time after purchase or performing the factory default in menu, the installation wizard will operate automatically.

**Note:** If you exit the installation wizard without fully completing the channel searching procedure, you may not have all of the channels available. In this case, you can use the **Settings > Installation** menu to search for more channels.

### 1. Language

Select your language.



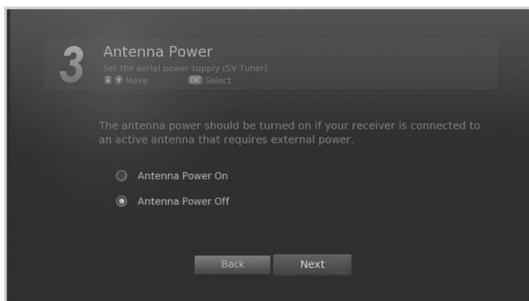
### 2. Display

Set the video output to your TV.



### 3. Antenna Power

Set the aerial power supply (5V Tuner).



# Quick Start Guide

## 4. Automatic Channel Numbering

Set channels to be numbered automatically by broadcaster.



## 5. Automatic Search

Channel search will begin automatically. Save the found channels when the search is complete.



## 6. Configure Network

Configure the network setting for various internet applications.



## 7. Result

The result of the installation wizard is shown. Select **Finish** to exit the wizard.



## 6. Menu Overview



	Channel List
	TV Guide
	Video
	Music
	Photo
	<b>Settings</b> <input type="checkbox"/>
	Pay Per View Services

### Preference

- Parental Control
- Language
- Time
- Video
- Audio
- Screen Display
- MHP Settings

### Edit Channels

- Edit Channel List
- Edit Favourite List
- Automatic Channel Numbering
- Renew Channel Numbers

### Installation

- Automatic Search
- Manual Search
- Software Update
- Regular Auto Update
- Antenna Power
- Invisible Channel Search
- Factory Default

### System

- System Information
- Signal Detection
- Power Management
- Network

## How to Navigate



Displays the Menu OSD



Moves among menus or options



Selects (Enters) a menu or confirms a selection



Changes or adjusts the option



Returns to the previous screen



Enters the number (0~9)



Exit all On-Screen

# Basic Operation

## Changing Channels

You can change the channels in several ways.

- ❖ Press the **P▲/P▼** button.
- ❖ Enter the channel number directly. **(0-9)**
- ❖ Go to the channel list or TV guide and select a channel.

**Note:** Press the **TV/RADIO** button to switch between TV and radio channels.

## Volume / Mute / Audio

- ❖ To adjust the audio volume, press the **▲+ / ▲-** button.
- ❖ To mute the audio temporarily, press the **MUTE** button.

### Setting Audio Options

Audio options are available only when the programme supports multiple audio languages.

1. Press the **AUDIO** button.
2. Select the audio language.
3. Select the audio direction.
4. Press the **OK** button.

**Note:**

- The mute function remains set while you change channels.
- You cannot set the audio direction when the programme is broadcast in Dolby Digital.



## Display Format / Resolution

### Setting Display Format

Press the **WIDE** button to set the display format according to the screen ratio. Each time you press this button, the value changes.

- Screen ratio 4:3: **Auto - Letter Box - Centre**
- Screen ratio 16:9: **Auto - Pillar Box - Zoom**

**Note:** Refer to *Display Format* for details.

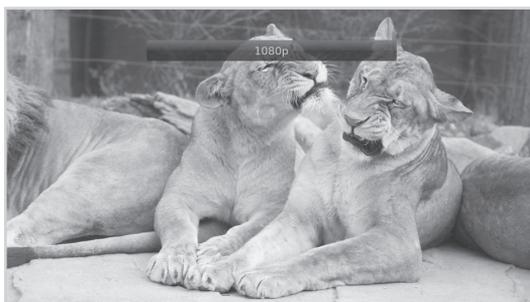


### Setting Resolution

Press the **V-FORMAT** button to set the resolution of the screen. Each time you press this button, the value changes.

- **576i - 576p - 720p - 1080i - Original**

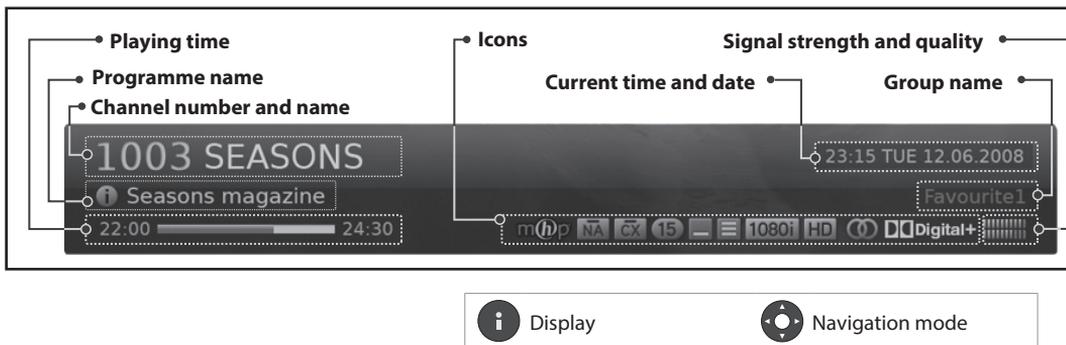
**Note:** When connected with an HDMI cable, you can only change to resolutions the TV supports.



# Basic Operation

## Programme Information (i-plate)

The i-plate is an information banner that is displayed for a certain period of time whenever you change channels. Press the **i** button while watching a programme to display the i-plate. Press the **EXIT** button to hide.



- **Viewing detailed programme information**  
Press the **i** button again while the i-plate is displayed.
- **Viewing previous/next programme information**  
Press the **◀/▶** button while the i-plate is displayed. Press the **OK** button to set reminders for future programmes.
- **Viewing programme information of other channels**  
Press the **▲/▼** button while the i-plate is displayed. Press the **OK** button to change to the selected channel.

## Icons

The icons represent the information and services provided.

m(h)p	MHP application		Teletext
	Locked programme		Resolution
	Scrambled programme (CAS icons)		HD programme
	Parental guidance programme		Multiaudio
	Scheduled programme (Blue: Reminder)		Dolby Digital audio
	Subtitle		Dolby Digital Plus audio

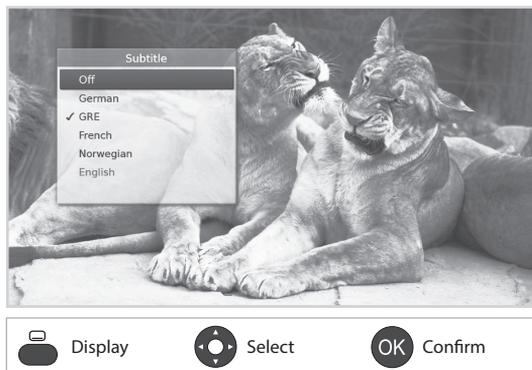
**Note:** Programme information is not displayed when there is no programme information.

## Subtitle

You can select the subtitle language when subtitle information is provided.

1. Press the **SUBTITLE** button.
2. Select the subtitle language.
3. Select **Off** to make the subtitle disappear.
4. Press the **OK** button.

**Note:** You can choose to always display the subtitle when available.



## Text and Interactive Services

If your chosen channel has digital teletext features, you can access them. Teletext services often load automatically shortly after the digital teletext window is displayed. In which case, simply follow the on screen instructions. (Press colour buttons)

1. Press the **TEXT** button to access digital teletext.
2. Press the **TEXT** button again to return to normal viewing.
3. Press the **P▲/P▼** button to exit this service..

**Note:** The channel and volume cannot be controlled using the arrow buttons in interactive mode.

# Channel List

The channel list will help you find the channel you want to watch quickly and easily.

You can access the channel list in several ways.

- ❖ Press the **LIST** button.
- ❖ Press the **MENU** button and select **Channel List**.

## Changing Channels

Select the channel you want to watch and press the **OK** button. The displayed channel will change.

### Note:

- : Locked channel, : Scrambled channel (CAS icons)
- Press the **i** button to view the detailed channel information.
- Press the **LIST** or **EXIT** button to exit.

## Advanced Options

### Changing Group

You can display the list of the selected channel group.

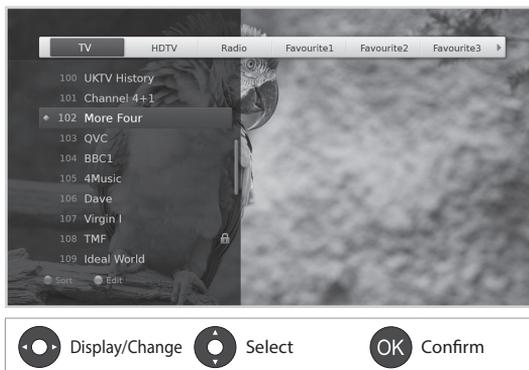
➤ **TV, HDTV, Radio, Favourite 1~5, Recent**

1. Press the **▶** button.
2. Select a channel group.
3. Press the **OK** button.

**Note:** Press the **TV/RADIO** button to switch between TV and Radio groups.

### Sorting Channels

Press the **RED** button to sort the list in numerical or alphabetical order.



## Editing Channels in Channel List

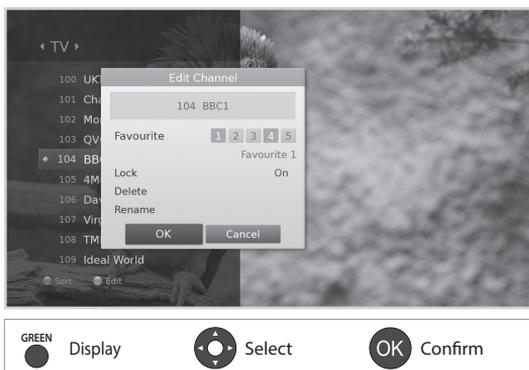
You can lock, delete or rename each channel in the channel list, as well as in menu. To edit the multiple channels, go to the **Settings > Edit Channels** menu.

### Locking / Deleting / Renaming Channels

1. Select a channel you want to edit and press the **GREEN** button.
2. Select an option.
  - **Lock:** Select **On** or **Off**.
  - **Delete:** Press the **OK** button.
  - **Rename:** Press the **OK** button and enter the name in the keyboard.
3. Select **OK** to save and exit.

#### Note:

- Refer to **Edit Channels** for details.
- The default password is 0000. If you have forgotten the password, please contact your local distributor.



### Setting Favourite Channels

You can select your favourite channels and include them in the five favourite groups.

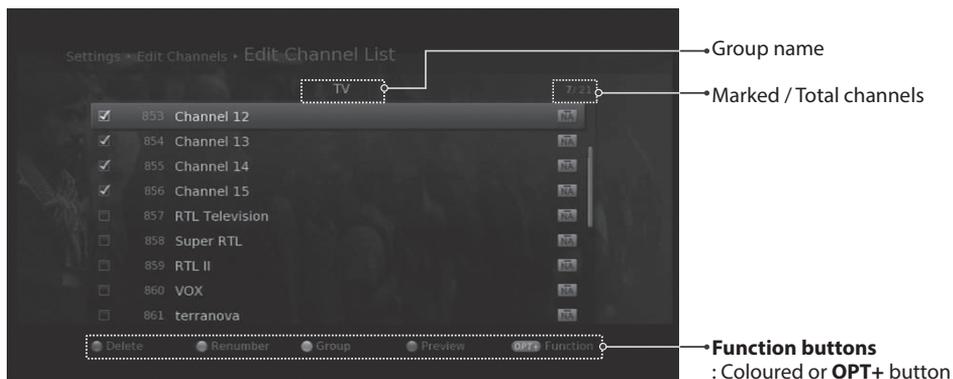
1. Select a channel and press the **GREEN** button.
2. Select **Favourite**.
3. Select a favourite group you want to include the channel in and press the **OK** button.  
To remove a channel from a favourite group, select the group and press the **OK** button again.
4. Select **OK** to save and exit.

# Managing Channels

## Editing Channels

The **Edit Channel List** menu will help you delete, move lock or rename multiple channels.

**MENU** → **Settings** → **Edit Channels** → **Edit Channel List**



### Note:

- : Locked channel, : Scrambled channel (CAS icons)
- The channels from 1 to 74 and 100 to 849 will not be listed. You can not edit those channels as the channel numbers are automatically assigned.
- Press the **MENU** or **EXIT** button to exit. Press the **BACK** button to return to the previous screen.

## Deleting Channels

1. Select the channels using the **▲/▼** and **OK** button.
2. Press the **RED** button.

## Moving Channels

Channels can be moved only when **Automatic Channel Numbering** is set to **Off**.

1. Select the channels using the **▲/▼** and **OK** button.
2. Press the **GREEN** button.
3. Move the selected channels to the location you want using the **▲/▼** and **OK** button.

## Renumbering Channels

Channels can be renumbered only when **Automatic Channel Numbering** is set to **On**.

1. Press the **GREEN** button.  
The channels will be renumbered.

## Locking / Unlocking Channels

1. Select the channels using the ▲/▼ and **OK** button.
2. Press the **OPT+** button.
3. Select **Lock**. To unlock, select **Unlock**.

## Renaming Channels

1. Select a channel to rename.
2. Press the **OPT+** button.
3. Select **Rename**.
4. Enter the name in the keyboard.

## Advanced Options

### Changing Group

To list the channels of other groups, press the **YELLOW** button and select a group you want.

**Note:** Press the **TV/RADIO** button to switch between TV and Radio groups.

### Changing Background

You can change the channel displayed in the background while editing.

1. Select the channel you want to watch.
2. Press the **BLUE** button. The displayed channel will change.

### Selecting / Releasing All Channels

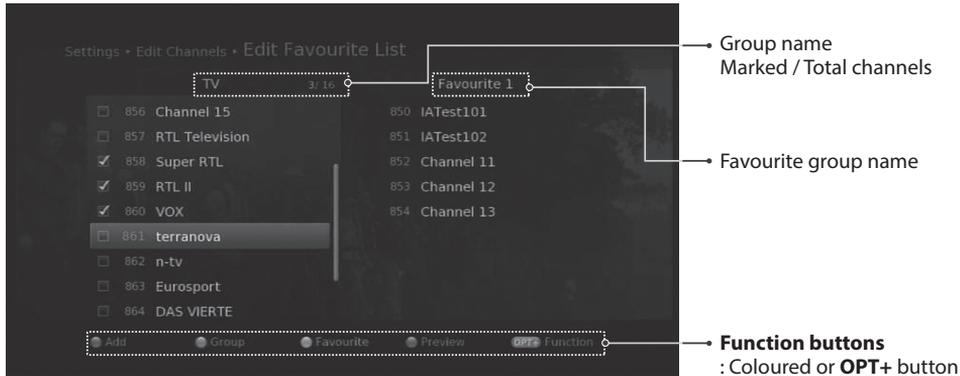
1. Press the **OPT+** button.
2. Select **Select All**.
3. To release all, select **Release All**.

# Managing Channels

## Editing Favourite Channels

The **Edit Favourite List** menu will help you add or remove channels from the favourite groups.

**MENU** → **Settings** → **Edit Channels** → **Edit Favourite List**



**Note:** Press the **MENU** or **EXIT** button to exit. Press the **BACK** button to return to the previous screen.

## Adding / Removing Favourite Channels

1. Press the **YELLOW** button and select the favourite group you want to edit.
2. To add channels to the favourite list, select the channels you want to add using the **▲/▼** and **OK** button in the left column and then press the **RED** button. The added channels will appear in the right column.
3. To remove channels from the favourite list, select the channels you want to remove in the right column and then press the **RED** button.

## Moving Channels

1. Select the channels using the **▲/▼** and **OK** button.
2. Press the **GREEN** button.
3. Move the selected channels to the location you want using the **▲/▼** and **OK** button.

**Note:** You can move the channels in the right column only.

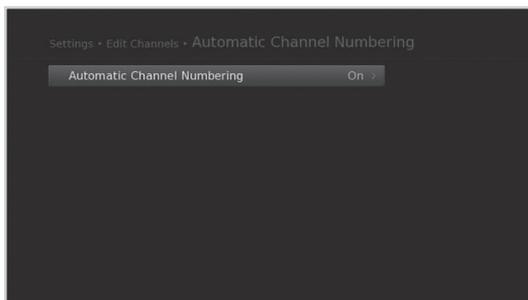
## Automatic Channel Numbering

**MENU** → Settings → Edit Channels → Automatic Channel Numbering

You can set the channels to be numbered automatically by broadcaster.

Select **On** to set the channel numbers automatically by broadcaster.

**Note:** Whenever changing the value, the terrestrial channels will be searched again.



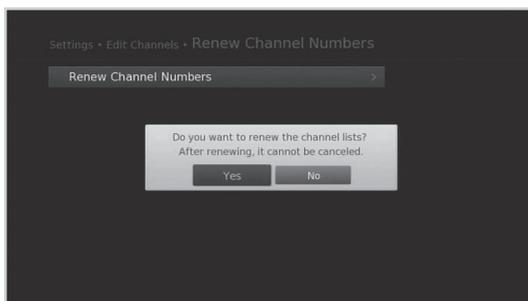
## Renew Channel Numbers

**MENU** → Settings → Edit Channels → Renew Channel Numbers

You can renew the channel numbers you edit.

Select **Yes** and press the **OK** button to renew the channel numbers.

**Note:** This function is available only when **Automatic Channel Numbering** is set to **On**.



# TV Guide

The TV Guide is an on-screen guide of grid type which displays the programme information of channels in time and date order.

You can access the TV Guide in several ways.

- ❖ Press the **GUIDE** button.
- ❖ Press the **MENU** button and select **TV Guide**.

**Note:** Press the **GUIDE** or **EXIT** button to exit. Press the **BACK** button to return to the previous screen.

The screenshot shows a TV Guide screen with a grid of programmes. Callouts point to the following elements:

- Preview:** Points to the top-left image area showing a preview of the selected programme.
- Current time and date:** Points to the top-right corner showing '07:18 TUE 12 JUN 2009'.
- Information of the selected programme:** Points to the text area for the selected programme: '102 Channel 4+1 Mimic; Weatherview [Film] Excellent, critically acclaim... Favourite 1'. Below this, it says 'TUE 12 JUN 06:00-07:30'.
- Time bar:** Points to the horizontal bar at the bottom of the grid showing time slots: 'Mon 11 Jun', '06:00', '07:00', '08:00'.
- Function buttons:** Points to the bottom navigation bar with buttons: 'Guide', 'Find', 'Schedule', and 'Group'. A note below says ': Coloured button'.



**Note:**

- Press the **i** button to view the detailed programme information.
- : Scheduled programme (Blue: Reminder)
- : Present time, : DRM(Digital Rights Management) icon

## Watching Programmes

1. Select a programme and press the **OK** button. The programme will be displayed in the preview.
2. Press the **OK** button again to exit the TV Guide and watch the programme.

## Setting Reminders

1. Select a future programme and press the **OK** button.
2. Press the **OK** button again to cancel the reservation.  
The reserved programmes will be added automatically in **Schedule**.

### **Note:**

- If the programme is overlapped with another programme, adjust the reservation appropriately.
- If the channel is locked, you will be prompted to enter your password before watching.  
The default password is 0000. If you have forgotten your password, please contact your local distributor.
- In standby mode the product will switch on to the channel when the programme starts.
- You can reschedule reminders. (Refer to **Scheduling Reminders**.)

## Advanced Options

### Quick Navigation

Press the ◀/▶ button to move to the previous/next programme.

### Changing Group

To list the channels of other groups, press the **BLUE** button and select a group you want.

### **Note:**

- Press the **TV/RADIO** button to switch between TV and Radio groups.
- To search specific programmes, go to **Find Programmes** by pressing the **GREEN** button. (Refer to **Finding Programmes**.)

# TV Guide

## Finding Programmes

**Find Programme** will help you find the programmes more specifically using the keyword or genre.

### By Keyword

1. Press the **GREEN** button.
2. Select **Keyword** and press the **►** button.
3. Select a keyword and press the **OK** button.
4. Press the **YELLOW** button to confirm.

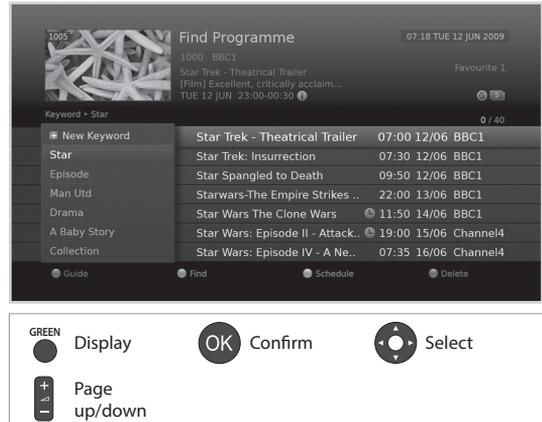
**Note:** To enter a new keyword, select **New Keyword**.

### By Genre

1. Press the **GREEN** button.
2. Select **Genre** and press the **►** button.
3. Select a genre and press the **OK** button.
4. Select the specific genre and press the **OK** button. (if provided)

### Note:

- Press the **i** button to view the detailed programme information.
- Press the **OK** button to watch a found programme. (Refer to **Changing Channels.**)
- You can set reminders for future programmes. (Refer to **Setting Reminders.**)



## Scheduling Reminders

**Schedule** lists reminders and will help you manage them in more detail.

1. Press the **YELLOW** button.
2. You can add, edit or delete your reminders.
  - To add, select **New Reservation** and press the **OK** button.
  - To edit, select a reservation and press the **OK** button.
  - To delete, select a reservation and press the **BLUE** button.
3. **Reservation** will pop up. You can change the options you want using the ▲/▼/◀/▶, **NUMERIC(0~9)** and **OK** buttons.
4. Select **OK** to save and exit.



**Note:**

- Press the **i** button to view the detailed programme information.
- You can easily set reminders in TV guide, Find Programmes or i-plate navigation mode. (Refer to **Setting Reminders, Find Programmes or Programme Information**)



# Media List

You can playback video, music or photo files.

- ❖ Go to **MENU** ▶ **Video/Music/Photo**.

## Switching Storage

1. Press the **BLUE** button to display the type of storage.
2. Select the storage type and press the **OK** button.
  - **USB**: Displays each partition of the USB.
  - **Network**: The Home network server is searched. Select the type of the server.

### Note:

- Only one USB icon will appear even when there are more than one USB.



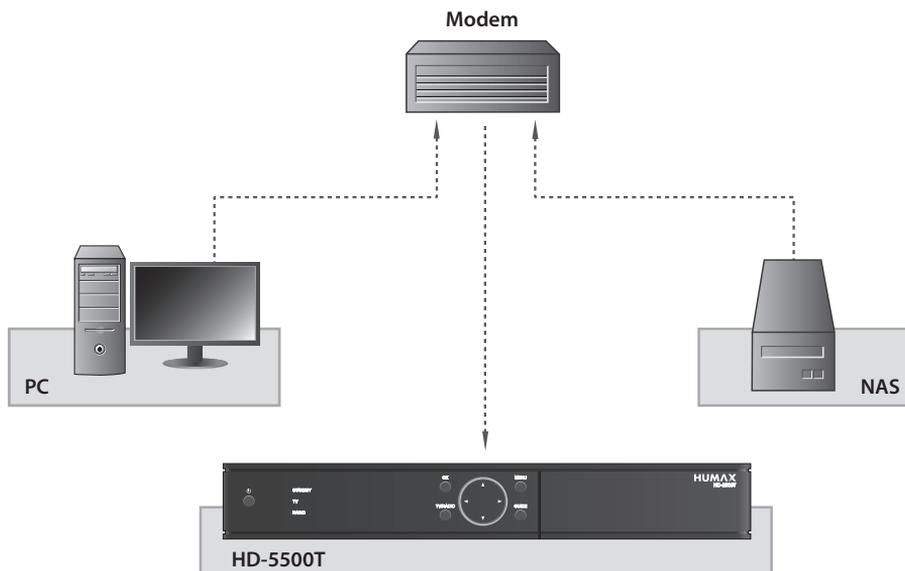
## Switching Media

1. Press the **YELLOW** button to switch the media.
2. Select the media type and press the **OK** button.
  - **Video, Music, Photo**



## Using the Home Network Server

You can have access to Home network servers such as the PC or NAS (Network attached storage) and play the video, music or photo files. To connect to a Home network server, the receiver must be connected to the local network.



## Playing Video Files in Network

1. Go to **MENU>Video**
2. Press the **BLUE** button and select **Network**.
3. Select the Home network server from the list and select the folder the video file is located in.
4. Select the video file and play the file.

### **Note:**

- Playing music and photo files is similar as playing video files.
- You can download Home network tools such as Media Server 11 (<http://www.microsoft.com/windows/windowsmedia/it/player/11/default.aspx>) and XBMC (<http://www.xbmc.org>). The software can be downloaded and updated in each website.

# Media List

## Using Video List

**MENU → Video**



## Playing Files

Select a file and press the **OK** button.  
 To select multiple files, select the files and press the **RED** button.

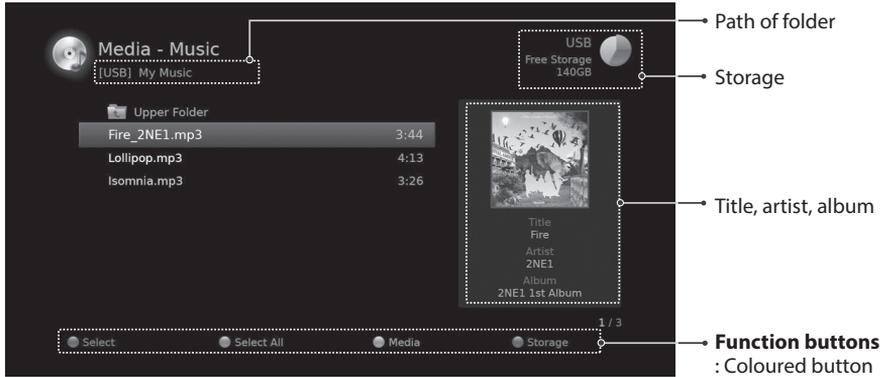
**Note:**

- If a folder is selected, the file within the folder will not play unless it is selected.
- You will be prompted to enter the password when playing locked files.
- You can view video files only.

	Plays or pauses.
	Jump to the previous scene.
	Jump to the next scene.
	Stops the playback of the current file and displays the list.
	Fast Forward.
	Fast Rewind.

## Using Music List

MENU → Music

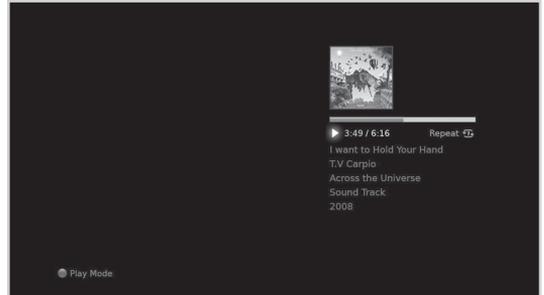


## Playing Music Files

To play all files in the folder, press the **OK** button. If you want to play the selected files only, select the files and press the **OK** button.

## Music Player

The music player is displayed while playing back a music file.



	Plays or pauses
	Plays the previous file
	Plays the next file
	Stops the music player and displays the list.
	Changes the play mode (Once, Repeat, Repeat All, Shuffle)

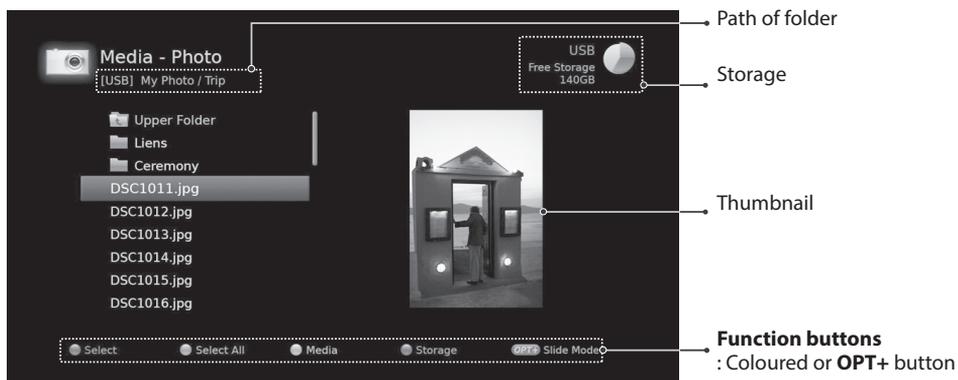
# Media List

## Using Photo List

**MENU** → Photo

### Photo Slideshow

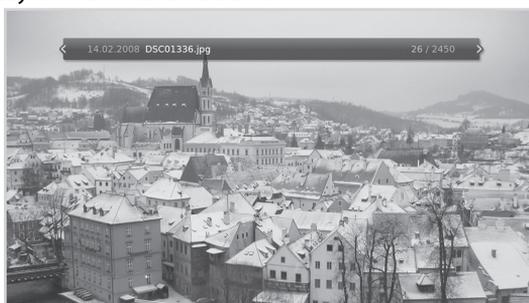
To slideshow all photos in the folder, press the **OK** button. If you want to slideshow the selected photos only, select the photos and press the **OK** button.



	Pauses slideshow.
	Shows the next photo.
	Shows the previous photo.
	Stops the slideshow and displays the list.

### Info Banner

Press the **OK** button to pause the slideshow and display the information banner.



## Slide Mode

1. Press the **OPT+** button.
2. The **Slide Mode** is displayed.
  - **Display Time:** The duration the photo is displayed.
  - **Music Play:** Determines whether to play music file during slideshow or not.
  - **Folder:** The folder the music file is located in. Press the **OK** button to display the list of music files and select a folder.



# Preferences

In this chapter you can set options for parental control, language, time, video, audio, screen display and MHP settings.

**Note:** Press the **MENU** or **EXIT** button to exit. Press the **BACK** button to return to the previous screen.

## Parental Control

**MENU** → **Settings** → **Preferences** → **Parental Control**

You will be prompted to enter the password to access this menu.

**Note:** The default password is 0000. If you have forgotten your password, please contact your local distributor.

### Maturity Rating

1. Select **Maturity Rating**.
2. Select an option.
  - **View All**
  - **7, 12, 14, 18** : Blocks the programmes for viewers under the age limit
  - **Lock All**
2. Press the **OK** button.

**Note:** You will be prompted to enter the password to view the blocked programmes.



### Changing Password

You can change the current password. This password is prompted every time a password blocked menu is accessed.

1. Select **Change Password**.
2. Enter the new password.
3. Enter the new password for verification.

## Language Setting

**MENU** → **Settings** → **Preferences** → **Language**

You can set the language for system, audio and subtitle.

1. Select the language type.
  - **System Language**
  - **Audio Language**
  - **Subtitle Language**
2. Select the language.

### Note:

- You can change the audio or subtitle language by pressing the **AUDIO** or **SUB** button while watching a programme.
- If you select **Off** in subtitle language, the subtitle will not be displayed.

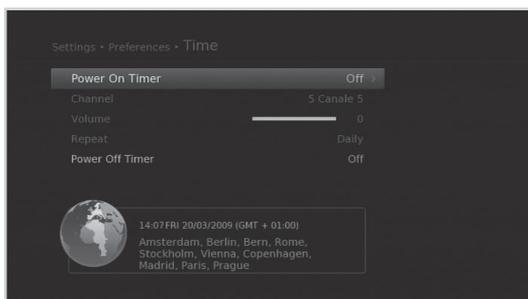


## Setting Power On/Off Timer

**MENU** → **Settings** → **Preferences** → **Time**

1. To turn on the product automatically, select **Power On Timer** and select **Set Timer**.
2. Enter the time.
3. Set the options for the power on timer.
  - **Channel:** Select the channel to be displayed when powering on.
  - **Volume:** Adjust the volume of the audio when powering on.
  - **Repeat:** Select the repeat mode of the power on timer.
4. To turn off the product automatically, select **Power Off Timer** and select **Set Timer**.
5. Enter the time.

**Note:** The power on time and power off time should be set different from each other.



# Preferences

## Video Setting

MENU → Settings → Preferences → Video

### Setting TV Screen Ratio

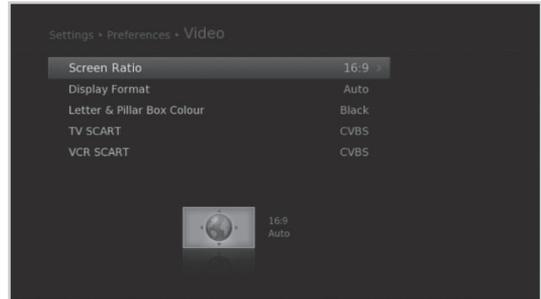
You can select the screen ratio of your TV.

1. Select **Screen Ratio**.
2. Select an option.
  - **16:9 - 4:3**

### Setting Display Format

You can select the display format according to the screen ratio of your TV.

1. Select **Display Format**.
2. Select an option.
  - Screen ratio 4:3: **Auto - Letterbox - Centre**
  - Screen ratio 16:9: **Auto - Pillarbox - Zoom**



**Note:** You can set the display format by pressing the **WIDE** button while watching a programme. Refer to **Display Format / Resolution**.

Screen ratio	Display Format		
4:3	 <b>Auto</b>	 <b>Letterbox</b>	 <b>Centre</b>
16:9	 <b>Auto</b>	 <b>Pillarbox</b>	 <b>Zoom</b>

### Setting Letter and Pillar Box Colour

You can set the colour for the margin space according to the display format.

1. Select **Letter & Pillar Box Colour**.
2. Select an option.
  - **Black - Grey**

### Setting TV SCART / VCR SCART

You can select the video signal output option for the TV SCART or VCR SCART.

1. Select **TV SCART** or **VCR SCART**.
2. Select an option.
  - TV SCART: **CVBS - S-Video - RGB**
  - VCR SCART: **CVBS - S-Video**

## Audio Setting

MENU → Settings → Preferences → Audio

### Setting Digital Audio Output

You can select the digital audio signal output of your product.

1. Select **Digital Audio Output**.
2. Select an option.
  - **Stereo - Multi-channel**

### Setting Lip-Sync

You can adjust the sound difference of audio and video.

1. Select **Lip-Sync**.
2. Adjust the lip-sync using the ◀/▶ button. Pressing the right button increases the audio speed and pressing the left button decreases it.



# Preferences

## Screen Display

MENU → Settings → Preferences → Screen Display

### Setting Info Display Time

You can set the duration the information box is displayed every time the channel is switched.

1. Select **Info Display Time**.
2. Select an option.
  - **Off - 1~20 sec**

### Setting Transparency

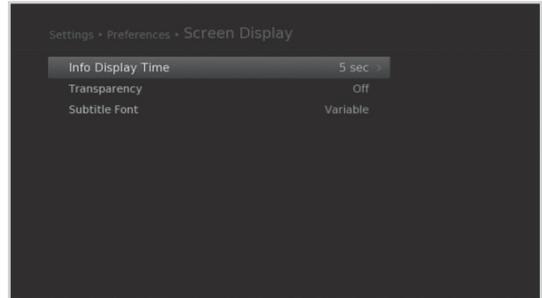
You can set the transparency of the On-Screen Display.

1. Select **Transparency**.
2. Select an option.
  - **Off - 25% - 50% - 75%**

### Setting Subtitle Font

You can adjust the subtitle font.

1. Select **Subtitle Font**.
2. Select an option.
  - **Variable - Fixed**



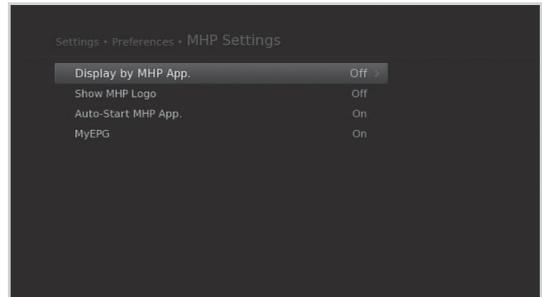
## MHP Settings

MENU → Settings → Preferences → MHP Settings

You can set MHP applications.

Select **MHP Settings**

- **Display by MHP App.:** Display i-plate when changing channels.
- **MHP Logo:** Display MHP logo.
- **Auto-Start MHP App.:** Start interactive MHP application automatically.
- **MyEPG:** Use a TV guide supported by MHP application.



Installation menu allows you to search the available TV and radio channels. Software update, antenna power and factory default setting are also available in this section.

**MENU** → **Settings** → **Installation**

**Note:**

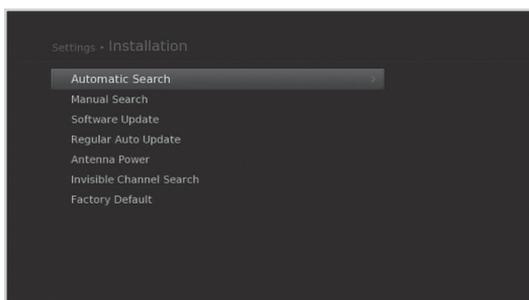
- You will be prompted to enter the password to access this menu. The default password is 0000. If you have forgotten your password, please contact your local distributor.
- Press the **BACK** button to save the changes and return to the previous screen. Press the **MENU** or **EXIT** button to exit.

## Automatic Search

You can search channels automatically without entering any other information.

1. Select **Automatic Search**. Channel search starts.
2. Select **Save** and press the **OK** button to save the results.

**Note:** Select **Stop** and press the **OK** button to stop the channel search.



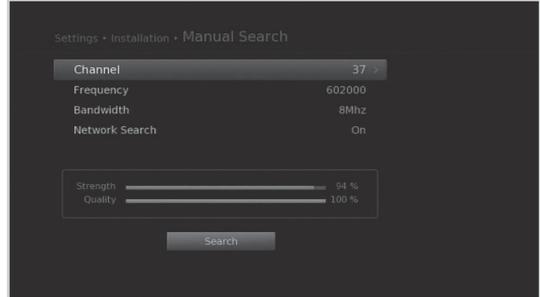
# Installation

## Manual Search

You can search channels manually by searching parameters.

1. Select **Manual Search**.
2. Configure the search options.
  - > **Channel:** Select the channel.
  - > **Frequency:** Enter the frequency.
  - > **Bandwidth:** Select the bandwidth.
  - > **Network Search:** Select **On** or **Off**.
3. Select **Search** and press the **OK** button.
4. Select **Save** and press the **OK** button to save the results.

**Note:** Select **Stop** and press the **OK** button to stop the channel search.



## Software Update (OTA)

In order to maintain proper performance of the product, it is essential to have the most up-to-date software. Please refer to <http://www.humaxdigital.com/italy> for software update. It is recommended that you periodically check for the availability of software update.

OTA, an abbreviation of **Over-the-Air**, means that the software can be downloaded through your aerial. The manufacturer reserves the right to decide when and where to release software by this process. You can also search and download new software manually.

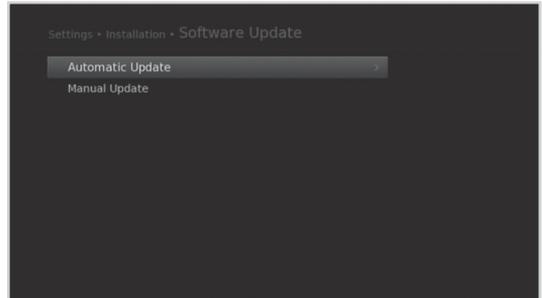
**MENU** → **Settings** → **Installation** → **Software Update**

## Automatic Update

1. Select **Automatic Update** and press the **OK** button to search for new software.
2. When new software is detected, select **Yes** to start the update process now.

## Manual Update

1. Select **Manual Update** and press the **OK** button.
2. Enter the options manually.
  - **Channel:** Select the channel.
  - **Frequency:** Enter the frequency. The corresponding frequency value will be automatically displayed.
3. Select **Search** and press the **OK** button to search for new software.
4. When new software is detected, select **Yes** to start the update process now. Please wait until the update is complete. When completing the software update, the product is automatically powered off and on again.



### Note:

- It may take 5~10 minutes to update software.
- Other functions such as scheduling programmes will not activate while software update takes place.
- Be sure to update software when the signal strength and quality is high. If the weather is not favorable and the signal strength and quality are not recommendable, perform the software update later.
- The product will search new software automatically during standby. If new software is detected, you can choose either to download immediately or later when you switch into operation mode. If you select **Later**, the message will be displayed again when you power on.

### Caution:

- Please be careful to keep the power on and the power cord plugged in during software update. If the power is off during software update, fatal damage may be caused to the product.
- Please be careful not to pull out the signal line (RF cable) during software update. Update may be interrupted and the product may not operate.

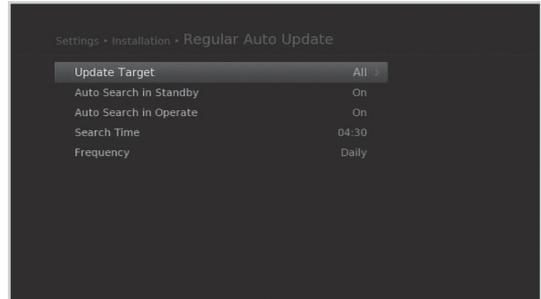
# Installation

## Regular Auto Update

**MENU → Settings → Installation → Regular Auto Update**

You can set to update the channel and software regularly

1. Select **Regular Auto Update**.
2. Set the options.
3. Select **Manual Update** if you want to update the software by entering the options manually.
  - **Update Target:** Select **All**, **Channel** or **Software**.
  - **Auto Search in Standby:** Select **On** or **Off**.
  - **Auto Search in Operate:** Select **On** or **Off**.
  - **Search Time:** Enter the search time.
  - **Frequency:** Select **Daily** or **Weekly**

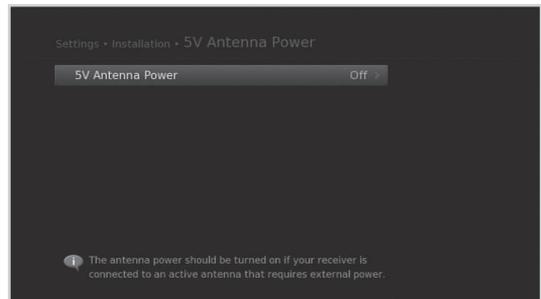


## Antenna Power

**MENU → Settings → Installation → Antenna Power**

Active antenna is a portable or indoor antenna which needs power supply from the product because it does not have power cord for itself. Connect an active antenna to the **ANTENNA IN** on the rear of the product.

1. Select **5V Antenna Power**.
2. Select an option.
  - **On:** 5V power is supplied from the active antenna cable.
  - **Off:** No power supplied

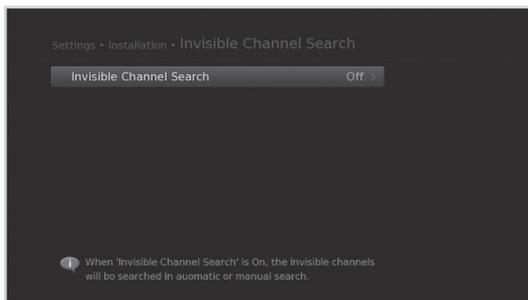


## Invisible Channel Search

**MENU** → **Settings** → **Installation** → **Invisible Channel Search**

You can set to search the invisible channels during channel search.

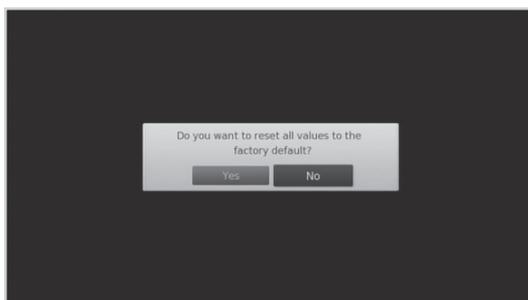
1. Select **Invisible Channel Search**.
2. Select an option.
  - **On - Off**



## Factory Default

**MENU** → **Settings** → **Installation** → **Factory Default**

1. Select **Factory Default**.
2. Select **Yes**.
3. You will be prompted to enter the password.  
Enter the password.



# System

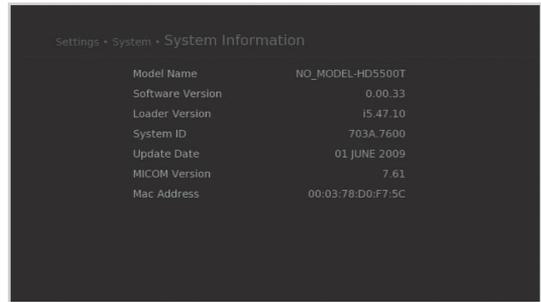
In **System**, system information, signal detection, power management and network options are available.

**Note:** Press the **MENU** or **EXIT** button to exit. Press the **BACK** button to return to the previous screen.

## System Information

**MENU** → **Settings** → **System** → **System Information**

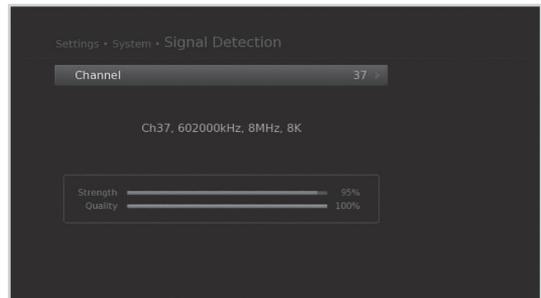
The system information is displayed.



## Signal Detection

**MENU** → **Settings** → **System** → **Signal Detection**

You can check the signal strength and quality of the searched channels.



## Power Management

MENU → Settings → System → Power Management

### Setting Power Saving in Standby

You can minimise the standby power consumption to below 1W.

1. Select **Power Saving in Standby**.
2. Select **On** to deactivate the certain features and minimise the power consumption.



## Network

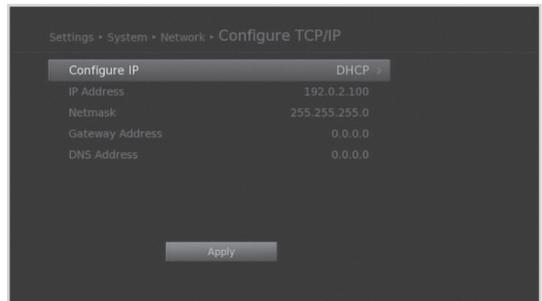
MENU → Settings → System → Network

### Configuring IP (LAN)

1. You can configure the Ethernet setting options.
  - **DHCP**: Apply the options according to the DHCP.
  - **Manual**: Enter the options manually,

Select **Apply** and press the **OK** button.

**Note:** When entering the IP address manually, enter 3 digits in a row.



# Pay Per View Services

You can use Mediaset Premium and PANGEA service only when you tune to Mediaset Pay TV channels or PANGEA channels.

## MEDIASET PREMIUM

**MENU → Pay Per View Services → MEDIASET PREMIUM**

### Card Information

1. Select **CARD INFORMATION**.
2. The card information is displayed.

### Purchase history

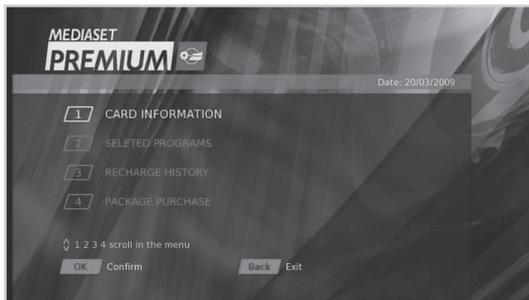
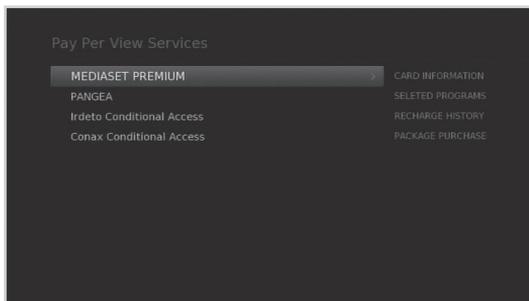
1. Select **SELTED PROGRAMS**.
2. The list of purchased programs is displayed.

### Viewing recharge history

1. Select **RECHARGE HISTORY**.
2. The recharge history is displayed.

### Purchasing program package

1. Select **PACKAGE PURCHASE**.
2. Select the program package you want.
3. Press the **GREEN** button to view the description of the program.
4. Press the **OK** button to view the terms of service.
5. Press the **OK** button to confirm.

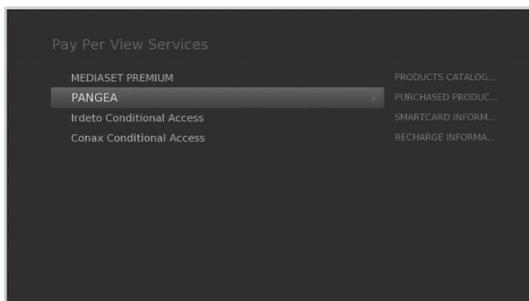


## PANGEA

MENU → Pay Per View Services → PANGEA

### Purchasing the programs

1. Select **PRODUCTS CATALOGUE**.
2. Select the genre.
3. Select the program you want.
4. Press the **GREEN** button to view the description of the program.
5. Press the **OK** button to view the purchase conditions.
6. Press the **OK** button to confirm.



### Purchase history

1. Select **PURCHASED PRODUCTS**.
2. The list of purchased programs is displayed.

### Card Information

1. Select **SMARTCARD INFORMATION**.
2. The smartcard information is displayed.

### Recharge Information

1. Select **RECHARGE INFORMATION**.
2. The recharge information is displayed.



# Pay Per View Services

## Irdeto Conditional Access (Irdeto Smartcard User Only)

MENU → Pay Per View Services → Irdeto Conditional Access

### Conditional Access

You can check the information of the Irdeto Conditional Access.

1. Select **Conditional Access**.
2. Select the item you want.
  - **Smart Card Status**
  - **Softcell Service Status**
  - **Loader Status**
  - **Components**
3. The information of the selected item is displayed



### Mail Messages

You can receive mails from the broadcasting company.

1. Select **Mail Messages**.
2. Select a mail to read then press the **OK** button.  
The message will be displayed.

### **Note:**

- When a new mail arrives, the envelope icon will appear.
- Old mails will be deleted automatically when your mail box is full

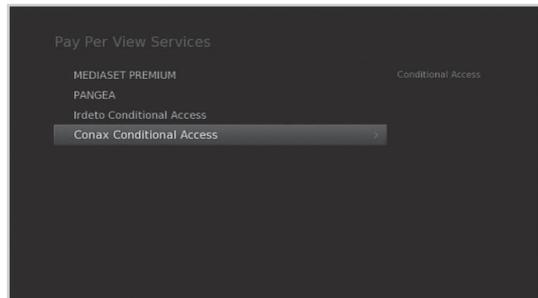
## Conax Conditional Access (Conax Smartcard User Only)

MENU → Pay Per View Services → Conax Conditional Access

### Conditional Access

You can check the information of the Conax Conditional Access.

1. Select **Conditional Access**.
2. The information of the conditional access is displayed.



## Service and Support

Information concerning troubleshooting, software upgrade and product support is provided in the following website. Should your product require warranty service, please contact the customer service center of which telephone number is on the website.

### HUMAX

<b>Italia</b>	<b>Website:</b> <b>E-mail:</b>	<a href="http://www.humaxdigital.com/italy">www.humaxdigital.com/italy</a> <a href="mailto:servizioclienti@humaxdigital.com">servizioclienti@humaxdigital.com</a>
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**Note:** For hardware repair, please visit our website.

Humax Srl  
Via Brescia 28  
20063 Cernusco S/N (MI)  
Fax. +39 02 99765669

# Appendix

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## Safety Warning

This product has been manufactured to comply with international safety standards. Please read the following safety precautions carefully.

### Safety Instructions and Precautions

#### 1. MAINS SUPPLY

- Operate this product only from the type of power supply indicated on the marking label. If you are not sure of the type of power supplied to your home, consult your local power company.
- Disconnect the product from the mains before you start any maintenance or installation procedures.

#### 2. OVERLOADING

- Do not overload a wall outlet, extension cord or adapter as this may result in electric fire or shock.

#### 3. LIQUID

- The product should not be exposed to liquid of any kind. In addition, no objects filled with liquid should be placed on the apparatus.

#### 4. CLEANING

- Disconnect the product from the wall outlet before cleaning.
- Use a light damp cloth (no solvents) to dust the product.

#### 5. VENTILATION

- The slots on top of the product must be left uncovered to allow proper airflow into the unit.
- Do not stand the product on soft furnishings or carpets.
- Do not stack electronic equipments on top of the product.

#### 6. ATTACHMENTS

- Do not use any unsupported attachments as these may be hazardous or cause damage to the product.

#### 7. LIGHTNING, STORM OR NOT IN USE

- Unplug the product from the wall outlet and disconnect the antenna during a thunderstorm or when left unattended and unused for long periods of time. This will prevent damage to the unit due to lightning and power-surges.

#### 8. EXTRANEIOUS OBJECTS

- Do not insert anything through the openings in the unit, where they can touch dangerous voltage points or damage parts.

#### 9. REPLACEMENT OF PARTS

- When replacement of parts is required, be sure the service technician uses replacement parts specified by the manufacturer or those that have the same characteristics as the original part. Unauthorized substitution may result in additional damage to the unit.

#### 10. CONNECTION

##### [Satellite] CONNECTION TO THE SATELLITE DISH LNB

- Disconnect the product from the mains before connecting or disconnecting the cable from the satellite dish. Failure to do so can damage the LNB.

##### [Cable] CONNECTION TO THE CABLE TV SIGNAL

- Connect all components before plugging any power cords into the wall outlet. Always turn off the product, TV and other components before you connect or disconnect any cables.

##### [Terrestrial] CONNECTION TO THE AERIAL

- Disconnect the product from the mains before connecting or disconnecting the cable from the aerial. Failure to do so can damage the aerial.

## 11. CONNECTION TO THE TV

- Disconnect the product from the mains before connecting or disconnecting the cable from the TV. Failure to do so can damage the TV.

## 12. EARTHING

[Satellite] The LNB cable must be earthed to the system earth for the satellite dish.

## 13. LOCATION

- Place the product indoors to avoid exposing it to lightning, rain or sun. Do not place it near a radiator or heat register.
- We recommend that the product has 10 cm clearance from any other appliances susceptible to electromagnetic influences, such as a TV or a VCR.
- Do not block the openings with any object, and do not place the product on a bed, sofa, rug, or other similar surface.
- If you place the product on a rack or a bookcase, ensure that there is adequate ventilation and that you have followed the manufacturer's instructions for mounting.
- Do not place the product on an unstable cart, stand, tripod, bracket, or table where it can fall. A falling product can cause serious injury to a child or adult, and serious damage to the appliance.

## Warning

### 1. To avoid damage of the power cord or plug;

- Do not modify or process the power cord or plug arbitrarily.
- Do not bend or twist the power cord.
- Make sure to disconnect the power cord holding the plug.
- Keep heating appliances as far as possible from the power cord in order to prevent the cover vinyl from melting.
- The mains plug, as a disconnection device, shall remain readily accessible by the user.

### 2. To avoid electrical shock;

- Do not open the main body.
- Do not insert metal or inflammable objects inside the product.
- Do not touch the power plug with wet hands.
- Disconnect the power cord in case of lightning.

### 3. To avoid damage of product;

- Do not use the product when it is out of order. If you continue to use the product when defective, serious damage can be caused. Make sure to contact your local product distributor if the product is out of order.
- Do not insert metal or alien substance into the slots for the modules or Smartcards. (where applicable) It may cause damage to the product and reduce its life span.

### 4. To avoid damage of the hard disk drive (PVR only)

- Do not move the product or turn the power off suddenly while the hard disk drive is running.
- The company shall not be liable for any corruption of data on the hard disk drive caused by carelessness or misuse.

# Appendix

## Trouble Shooting

Before contacting your local service centre, please read the tips below carefully. If the problem persists after completing the following procedure, please contact your local product distributor or service centre for further instructions.

### 1. No message displayed on the front display. (The product will not switch on.)

- Check the main power cable and make sure it is plugged into a suitable power outlet.
- Check that the mains supply is switched on.
- Connect the power cable to a different power outlet.
- Check that the power switch is on at the rear of the product. (where applicable)

### 2. No picture

- Make sure that the product is powered on and in operation mode. (Press the **STANDBY** button)
- Make sure that the AV cable is firmly connected to the TV.
- Make sure that the antenna cable is properly connected to the product.
- Be sure to activate channel search.
- Check the brightness level of the TV.
- Check if the channel is currently on air. Contact the broadcaster to ensure that the channel is running.
- Press the **SOURCE** button if the product is in external input mode. (where applicable)
- **Satellite:** Make sure that the antenna setting in the menu is correct.

### 3. Poor picture/sound quality

- Install the antenna in an obstacle-free place.
- Make sure there is no mobile phone or microwave oven near the product.
- Keep the power and the antenna cables apart from each other.
- Check the signal levels and adjust your antenna if the level is too low. The signal level may be affected by weather conditions.

**Note:** If the antenna is covered with snow or the RF is weakened by heavy rain, the condition of the sound and picture may temporarily be poor. However, the poor sound and picture quality due to weather conditions cannot be accepted as a malfunction of product.

- **[Satellite]** Check that your dish alignment is correct.
- **[Satellite]** Change the satellite dish for a larger one as this will increase the signal levels received.
- **[Satellite]** Replace the LNB with a lower noise factor in cases where the noise factor is too high.
- **[Satellite]** Replace the LNB with a new one in case it is damaged or out of order.
- **[Terrestrial]** Adjust the antenna direction to get a better picture.
- **[Terrestrial]** Set the antenna power in menu to On, if you use the active antenna to improve the reception. (where applicable)

### 4. No or poor sound

- Check that your AV cable is connected correctly.
- Check the volume levels of your TV set and the product.
- Check if the product or TV is on mute.
- Check audio type or soundtrack option in the AV menu. (where applicable)

### 5. Remote control does not operate.

- To control the product, the top end of the remote control should point directly towards the receiving part of the product.
- Remove and reinsert the batteries in the remote control.
- Replace the batteries in the remote control for a new set.
- Set the remote control to STB or PVR mode, if you are using the universal remote control. (where applicable)

## **6. Cannot make reservations.**

- Check that no previous reservations are conflicting with the new reservation.

## **7. No password information is given.**

- The default password is always **0000**.

## **8. Channel search does not work.**

- **Satellite:** Make sure that the antenna setting in the menu is correct.
- **Terrestrial:** Make sure that the antenna is connected correctly.
- **Terrestrial:** Use the appropriate antenna capable of receiving VHF or UHF channels for your area.

## **9. Cannot update new software.**

- You can get an update. If the product does not show a message requesting update, this means no software is available.

## **10. Cannot watch scrambled channels.**

- Check that you have the appropriate Smartcard or CI-Module. Reinsert the Smartcard or CI-Module and make sure it initialises correctly.
- Check in the menu that the product is detecting the Smartcard or CI-Module.
- Check in the menu that you have a valid and working subscription to the channels you wish to view.
- Ensure that the Smartcard or CI-Module is not damaged.

## **11. Cannot watch pay channels.**

- Check in the menu that you have a valid and working subscription to the channels you wish to view.
- Contact your network operator for more information.

## **12. The product makes a humming noise.**

- The noise is from the fan; the hard disk is operating normally. This kind of noise is inevitable but seldom noticeable.

## **13. Cannot record programmes. (PVR only)**

- The hard disk is full. Delete unnecessary programmes and make space for new recording.
- Check if recording is overlapped with another channel. Stop the current recording or wait until the recording is finished.
- Check that the product is switched on when recording starts.

## **14. Cannot operate TSR (Time Shifted Recording). (PVR only)**

- TSR may not be available during recording. Wait until recording is finished.
- Delete unnecessary programmes and make space for new recording.

## **15. Cannot playback. (PVR only)**

- To playback the recorded file of a scrambled channel, use the Smartcard. In case it has been a long time since you last recorded, this may not work. Contact the product distributor.
- The signal during recording may be weak or the hard disk too full.

## **16. Cannot change channels while recording. (PVR only)**

- Certain channels may not be changed due to restriction of the tuner or connection type.

# Appendix

## Error Message

Error message	Possible causes	What to do
<b>No or bad signal [Satellite]</b>	The satellite dish is not pointing at the satellite.	Adjust dish alignment.
	Signal is too weak.	Increase the LNB voltage or connect a signal amplifier.
	Satellite dish is too small.	Change to a larger dish.
	Problem with LNB.	Change the LNB.
	Wrong antenna setting.	Set the antenna correctly.
<b>No or bad signal [Cable]</b>	The cable is not connected.	Make sure the cable is connected correctly.
	The cable may be damaged or defective.	Exchange the cable.
	The channel is not broadcasting.	Exchange the cable.
<b>No or bad signal [Terrestrial]</b>	The aerial is not pointing properly.	Adjust aerial. Check the cable from the aerial. If you cannot resolve the problem, you may need to have your aerial and installation tested by a professional.
<b>The channel is scrambled or not available.</b>	The channel has a signal, but no audio or video.	Confirm if the channel is currently on air.
	The channel has been deleted by the broadcasting company.	Check if the channel is currently on air
	The channel is for data broadcasting.	Remove the channel from the channel list and check for new transponder details.
<b>The audio is not available.</b>	The channel has a video signal, but no audio.	Press the audio button to confirm that the channel has audio options.
<b>No access</b>	No access	Make sure you are subscribed to the channel.
	No authorization.	If the product has been turned off for a long time (standby or power off), please wait for authorization. It may take up to 60 minutes.
<b>No card inserted.</b>	Smartcard is not inserted.	Insert Smartcard.

Error message	Possible causes	What to do
<b>Incorrect card</b>	Wrong Smartcard is inserted.	Insert the correct Smartcard.
	Smartcard is not inserted correctly.	Remove the Smartcard and reinsert it.
	Smartcard is damaged.	Contact your Smartcard retailer or channel broadcaster for a Smartcard replacement.
<b>CI-Module not installed.</b>	CI-Module is not inserted.	Insert CI-Module.
	CI-Module is not inserted correctly.	Remove the CI-Module and reinsert it.
	CI-Module is not recognized.	Insert a different CI-Module to check if your existing module is working.
<b>Invalid CI-Module</b>	Wrong CI-Module.	Insert the correct CI-Module.
	CI-Module is damaged.	Replace the CI-Module.
<b>Short LNB [Satellite]</b>	LNB cable is short.	Replace LNB cable.
	LNB is internally short.	Replace LNB.
	Alien substance is inserted in the LNB IN port. The port may be damaged.	Remove the alien substance and contact the local service centre in case damaged has occurred.

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