HD Digital Television Recorder

User's Manual HDR-7500T

The default password is 0000.



Notice

Thank you for purchasing a HUMAX product. Please read this user's manual carefully to be able to safely install, use and maintain the product at maximum performance. Keep this user's manual next to your product for future reference. The information in this user's manual is subject to change without notice.

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Warranty

The warranty does not cover parts which may become defective due to misuse of the information contained in this manual.

Meaning of Symbols



To reduce the risk of electric shock, do not remove cover (or back). No user serviceable parts inside. Refer servicing to qualified service personnel.



This symbol indicates dangerous voltage inside the product that presents a risk of electric shock or personal injury.



This symbol indicates important instructions accompanying the product.

Warnings, Cautions and Notes

Throughout the whole manual, pay special attention to the following marks that indicate hazardous situations.

Warning

Indicates a hazardous situation which could result in serious injury.

Caution

Indicates a situation which could damage the equipment or other apparatus.

Notice

Note

Indicates additional information to make the user aware of possible problems and information of any importance to help understand, use and maintain the installation.

Disposal Instructions

This product should not be disposed with other household wastes at the end of its working life. Please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources. This will prevent possible harm to the environment or human health from uncontrolled waste disposal.

Trademarks

- Manufactured under license from Dolby Laboratories.
 Dolby and the double-D symbol are trademarks of Dolby Laboratories.
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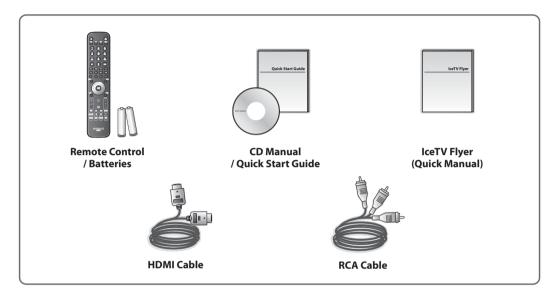
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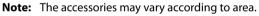
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English

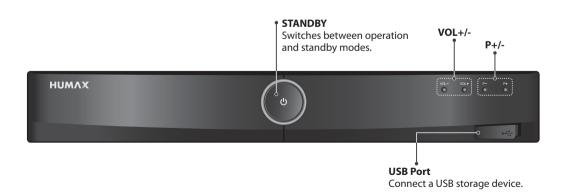
1. Checking Accessories





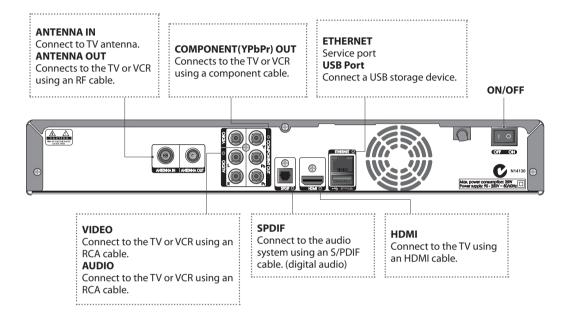
2. Product Overview

Front Panel



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

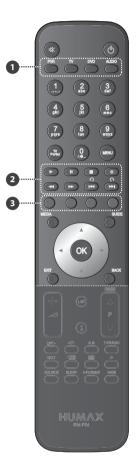
Rear Panel



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

English

Remote Control



咪	MUTE	Mutes audio.
ወ	STANDBY	Switches between operation and standby modes.
0	MODE	Changes the mode of remote.
	NUMERIC	(0-9)
	TV Portal	Enters HUMAX TV Portal.
	MENU	Displays the main menu.
0	Playback Control Buttons	 ▶ Play, II Pause, ■ Stop, ● Record, ◄ Rewind, ▶ Fast Forward, I◀ Previous, ▶I Next, ⑦Instant Replay, ^OSkip
0	COLOUR Buttons	Colour keys for interactive applications.
	MEDIA	Displays the media list.
	GUIDE	Displays the programme guide.
	ARROW Buttons	Moves the cursor up, down, left or right.
	ОК	Selects (Enters) a menu or confirms a selection.
	EXIT	Exits all On-Screen Display (OSD) screens.
	ВАСК	Returns to the previous channel. Goes back to the previous screen.

Note:

- •
- The image shown may differ from the actual product. Some playback control buttons may not function depending on the contents. •



	+ /-	Adjusts the audio volume.
	₽▲/▼	Changes the channel or page.
	LIST	Displays the channel list.
	i (Information)	Displays the channel and programme information.
	OPT+	Displays the channels attributes.
⊲?	AUDIO	Displays the audio list.
	SUBTITLE	Displays the subtitle language list.
	TV/RADIO	Switches between TV and radio modes.
	TEXT	Enters the digital text service.
	SOURCE	Switches between the input sources.
	SLEEP	Sets the sleep timer.
	V-FORMAT	Sets the resolution of video.
	WIDE	Sets the display format.
4	Playback Control Buttons	

Inserting Batteries

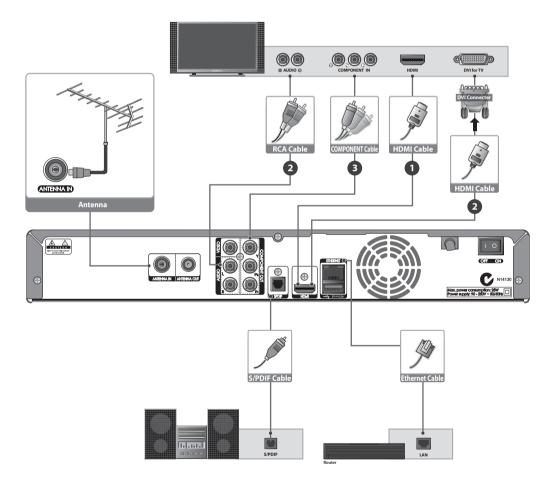
- 1. Press the hook upward and lift the battery cover off.
- Insert the batteries (supplied) matching the plus(+) and minus(-) at each end.
- 3. Close the cover.



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 HUMAX Customer Helpline.



Connecting the Antenna

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

Connecting the TV

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

• TV with the HDMI connector;

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

② TV with the DVI connector;

For very good picture quality, connect the product and TV using a HDMI cable and a HDMI-to-DVI converter for video.

You will also require a RCA cable (Audio L/R) connected to the necessary connection(s) on your TV/Display for Audio.

• TV with the Component(YPbPr) connector;

For good picture quality, connect the product and TV using a component cable.

For additional audio connections 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.

Connecting the Network

Onnecting to the LAN;

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

Oconnecting to the Wi-Fi (Wireless LAN);

- 1. Power off the receiver and disconnect the Ethernet cable.
- 2. Insert the HUMAX Wi-Fi dongle into an USB port and power on the receiver.



3. Go to MENU > Settings > System > Internet Setting > Configure Wi-Fi.

- Note: If **Configure Wi-Fi** is disabled, make sure that the Ethernet cable is disconnected and check if the HUMAX Wi-Fi dongle is inserted correctly into an USB port on the receiver.
- Select Network Name and press the OK button. The list of all available Wi-Fi Networks detected will appear. Select the Network you want to connect to and press the OK button.
- Select the Security Type of your Wi-Fi router. If you do not know the security type, do not change this option. (Default: WPA-PSK(TKIP))



Wi-Fi Networks	
Select your Wi-Fi network. If it is not lis Network Name'.	ted, select 'Input
	ألته ه
	الله 🛍
SW2G	attl
	வெ!
	🙆 atl
ap4ux	🙆 atl
Input Network Name	

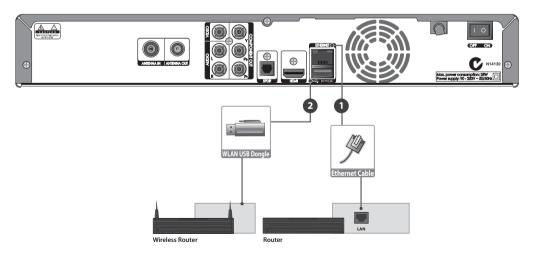
- Select **Password** and press the **OK** button. Enter the WEP key/Password of you router. (This information is normally written on your router.)
- 7. Press the YELLOW button to complete.
- 8. Select **APPLY** and press the **OK** button.
- 9. When the connection is complete, press the **OK** button and press the **EXIT** button to return to the menu.



The Wi-Fi net	vork and TCP/IP settin	igs have bee
configured. N	low you can use the V	Vi-Fi network
	ок	

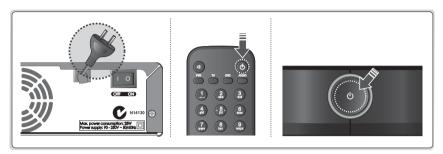
Note:

- Make sure the distance between the Wi-Fi access point and the product is not too far away. This may lower the quality of service.
- It is recommended to purchase a wireless USB dongle distributed by HUMAX. Other products may not function or respond. Go to www.humaxdigital.com/au to purchase a HUMAX Wi-Fi dongle.



4. Powering On

- 1. Connect the power cord of the product to a wall outlet.
- 2. Ensure the **ON/OFF** switch at the rear of the product is switched to **ON**.
- 3. Power on by pressing the **STANDBY** button on the remote control or the **STANDBY** button at the front of the product.



5. First 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. Region

Select the state you currently live in.





Queensland South Australia Western Australia Tasmania

3. Automatic Search

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

Υ.		
	ABC1 ABC NEWS 24 ABC2 ABC3 SBS One SBS HD SBS Two	
	CH 65, 788500 kHz, 7MHz Progress	Total Chambels 0

4. EPG Type

Select the **EPG Type** you want. If you already have an IceTV account or wish to take advantage of the additional features of IceTV, select **IceTV**.

Note: To use the IceTV EPG, connect the receiver to the internet via Ethernet or USB wireless dongle. Refer to *Connecting the Network*.



5. Result

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



6. Menu Overview



Photo

Settings

Preference

- Parental Control
- . Language
- Time
- Video
- Audio
- Recording
- Screen Display •
- **EPG** Type .

Edit Channels

- Edit Favourite List •
- Edit Channel List •

Installation

- Automatic Search .
- Manual Search
- Software Update •
- Dynamic Update •
- Antenna Power •
- Factory Default

System

- System Information
- Signal Detection •
- Power Management •
- Data Storage •
- Internet Setting •

How to Navigate



Displays the main menu

HUMAX TV Portal



Selects (Enters) a menu or confirms a selection



Goes back to the previous screen

Exits all On-Screen Display (OSD) screens



Moves among menus or options





Enters the number (0~9)



Changing Channels

You can change the channels in several ways.

- ♦ Press the P▲/▼ button.
- Enter the channel number directly. (0-9)
- * Go to the channel list 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.

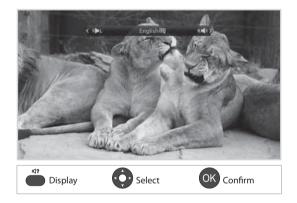
Setting Audio Options

Audio options are available only when the programme supports multiple audio languages. Press the **AUDIO** button to change the audio language and direction.

Each time you press this button, the value changes.

Note:

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



English

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 Letterbox 16:9 Letterbox 14:9 – Centre
- > Screen ratio 16:9: Auto Pillarbox Zoom



Display

Setting Resolution

Press the **V-FORMAT** button to set the resolution of the screen.

Each time you press this button, the value changes.

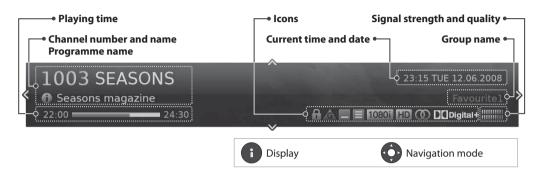
- > 576i 576p 720p 1080i Original
- **Note:** When connected with an HDMI cable, you can only change to resolutions the TV supports.



Display

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 progamme 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
- 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.
- > Searching related contents Press the **OPT**+ button while the i-plate is displayed. This option is supported only when the network is connected.

lcons

The icons represent the information and services provided.

	Locked programme	Ξ	Teletext
	Pay TV / encrypted programmes (CAS icons)	1080i	Resolution
Ġ	Parental guidance programme	HD	HD programme
_	Subtitle		Multiaudio
	Dolby Digital audio Dolby Digital Plus audio		

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

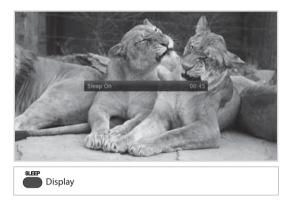
English

Sleep Timer

Press the **SLEEP** button to set the automatic turn off time.

Each time you press this button, the value changes.

> 10 - 20 - 30 - 60 - 90 - 120 minutes



Subtitle

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

Press the **SUBTITLE** button to change the subtitle language.

Each time you press this button, the value changes.

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



Option

You can set the options for the watching channel.

- 1. Press the **OPT+** button.
- 2. Select an option.
 - **Favourite:** Select the favourite group to add the channel.
 - > 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.

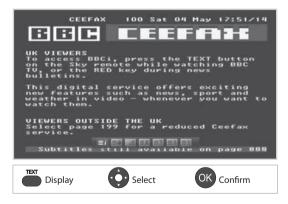


Teletext

Teletext is a free service broadcast which gives the latest information on news, weather and many other topics. You can use interactive services in teletext mode.

All teletext supporting channels have the teletext icon on the i-plate.

- 1. Press the **TEXT** button.
- 2. To display the teletext menu, press the **MENU** button in teletext mode.
- 3. Select the teletext function you want and press the **OK** button.



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

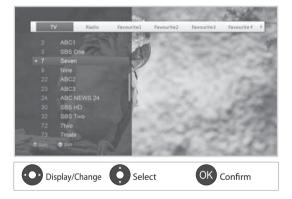
You can display the list of the selected channel group.

> TV, 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.



Channel List

Editing Channels in Channel List

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

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:** The default password is 0000. If you have forgotten your password, please contact HUMAX Customer Service.



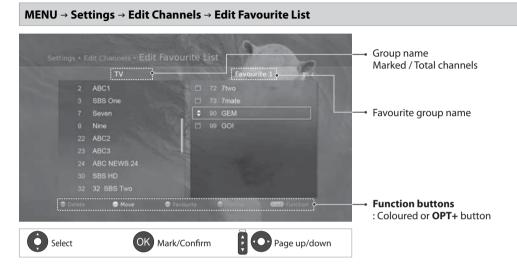
Setting Favourite Channels

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

- 1. Select a channel and press the **GREEN** button.
- 2. Select **Favourite** and press the **OK** button.
- 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.

Editing Favourite Channels

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



Note:

- Press the **MENU** or **EXIT** button to exit. Press the **BACK** button to return to the previous screen.
- The channels that are automatically numbered by broadcaster cannot be deleted or moved.

Adding / Removing Favourite Channels

- 1. Press the YELLOW button and select the favourite group you want to edit.
- 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 $\blacktriangle/\blacksquare$ and **OK** button.
- 2. Press the **GREEN** button.
- 3. Move the selected channels to the location you want using the $\blacktriangle/\checkmark$ and **OK** button.

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

Renaming Favourite Groups

- 1. Press the YELLOW button and select the favourite group you want to edit.
- 2. Press the **OPT+** button.
- 3. Select Rename Favourite.
- 4. Enter the name in the keyboard.

Advanced Options

Changing Group

To list the channels of other groups in the left column, press the **GREEN** 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.

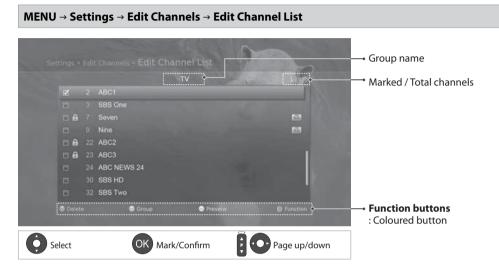
- 1. Select the channel you want to watch.
- 2. Press the **BLUE** button. The displayed channel will change.

Selecting / Releasing All Channels

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

Editing Channels

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



Note:

- 🔒: Locked channel, 🔤 : Scrambled channel (CAS icons)
- Press the **MENU** or **EXIT** button to exit.
- The channels that are automatically numbered by broadcaster cannot be deleted or moved.

Deleting Channels

- 1. Select the channels using the $\blacktriangle/\blacksquare$ and **OK** button.
- 2. Press the **RED** button.

Locking / Unlocking Channels

- 1. Select the channels using the $\blacktriangle/\blacksquare$ and **OK** button.
- 2. Press the **BLUE** button.
- 3. Select Lock. To unlock, select Unlock.

Advanced Options

Changing Group

To list the channels of other groups, press the GREEN 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 **YELLOW** button. The displayed channel will change.

Selecting / Releasing All Channels

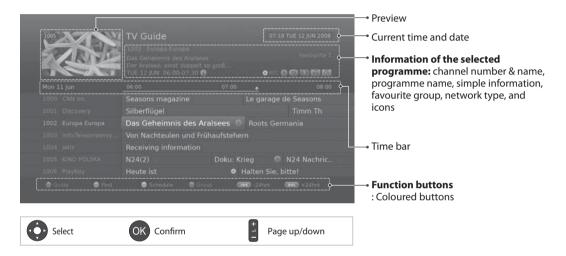
- 1. Press the **BLUE** button.
- 2. Select Select All.
- 3. To release all, select Release All.

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.



Note:

- Press the i button to view the detailed programme information.
- Scheduled programme (Red: Recording, Blue: Reminder),

 Recording programme,
 Present time

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 or Recordings

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

Note:

- By selecting Reminder an on-screen notification will appear prior to the selected programme starts. Select **OK** to automatically change to the channel the programme commences. Select Cancel to continue watching the current programme and not change channels.
- If the programme is conflicted with another programme, adjust the reservation appropriately.
- If the channel is locked, you will be prompted to enter your password to complete the reservation. The default password is 0000. If you have forgotten your password, please contact HUMAX Customer Service.
- You can reschedule reminders or recordings. (Refer to Scheduling Reminders and Recordings.)
- If the programme you want to record is a series, you can select to record the whole series. However, this function may not be available depending on the broadcasting environment.

Advanced Options

Quick Navigation

Press the **◄/**► button to move to the previous/next programme. Press the *()* button to jump back/ahead two hours. Press the **I** button to move to the previous/next day.

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.**)



Finding Programmes

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

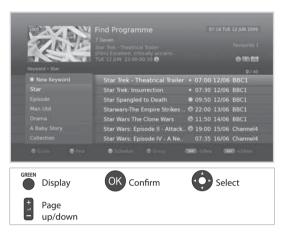
By Keyword

- 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 add the selected programme to schedule.

Note: To enter a new keyword, select New Keyword. Type the new keyword and press the YELLOW button to confirm.

By Genre

- 1. Press the **GREEN** button.
- 2. Select **Genre** and press the ► button.
- 3. Select a genre and press the **OK** button.
- Select the specific genre and press the OK or ► button.
- 5. Scroll through the list and press the **YELLOW** button to add to schedule.



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 or recordings for future programmes. (Refer to Setting Reminders or Recordings.)

TV Guide

Schedule

Schedule lists all programmes that you have set for recordings or reminders and will help you manage these reservations in more detail.

Adding or editing schedule

- 1. Press the **YELLOW** button.
- To add, select New Reservation and press the OK button.
 To edit, select a reminder or recording and press the OK button.
- 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.

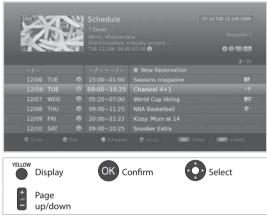
Deleting schedule

- 1. Press the YELLOW button.
- 2. To delete, select a reminder or recording and press the **BLUE** button.
- 3. Select Yes and press the OK button.

Note:

- Press the i button to view the detailed programme information.
- You can easily set reminders or recordings in TV guide,

Find Programmes or i-plate navigation mode. (Refer to **Setting Reminders or Recordings, Find Programmes** or **Programme Information**)



1	Channel	16 The HITS	
	A REPORT OF A R	irl Groups: 87-07	0/7
_	Date	20/06	150AD
	Start Time	14:18	His New Terminder Hist Hist New Stop
	End Time	15:18	Contraction and Add Contraction of the Contraction
	Repeat	Once	Sally Jessy Raphael
	Mode	Record	Happy Feet Montanite Pick of the Day
	040	Cancel	Fashion by Two Tone

You can record programmes in the built-in hard disk drive and playback the recorded programmes whenever you want.

Note: Recording or copying is for private and domestic use only.

Recording

You can watch another channel while recording a channel or record programmes from two different channels at the same time.

Instant Recording

You can record the currently watching programme instantly and change the recording duration.

To instantly record the current programme you are watching, press the **RECORD** button.

The recording will start from the current broadcast point and the record banner will be displayed for a few seconds.

Press the **STOP** button to stop recording the programme.

The recording will continue till the end of the current

programme. However, if the programme ends in less than ten minutes, it will continue till the end of the next programme. When no programme information is provided, the recording will continue for two hours.

Note: You can also press the **Record** button while in the Guide to start recording a current programme on a different channel.

Delayed Recording

You can record the scenes of a live broadcast you have been watching until now by rewinding with the time shifted recording function.

Find the starting point you want to record by using the ◀◀REWIND, ◀ or ► buttons, then press the **RECORD** button.

The recording will start from the point you select.

Changing Recording Duration

- 1. Press the **RECORD** button on the currently recording channel.
- 2. Set the duration manually or select till the end of the current programme or the next programme.



Enter 0~9





English

OK Confirm

Scheduled Recording

You can easily set the recording reservations in **TV Guide**, **Schedule** or i-plate navigation mode.

- While in the TV Guide highlight a future programme and press the OK button.
- Select from: Record Whole Series Record the Whole Programme
- Press the OK button on a future programme in i-plate and select either Record the whole series or Record the Whole Programme. (Refer to Programme Information.)

TV Guide 2 ABC1 Girl Groups 87		
WED 20 JUNIER		
34:00		
ring October	040 (10) OR	

The recording will start at the scheduled time and the record banner will be displayed for a few seconds.

Press the **STOP** button to stop recording the programme.

Note:

- Press the GUIDE button to go to TV Guide.
- Press the GUIDE button and press YELLOW button to go to Schedule.
- Press the i button while watching a progamme to display the i-plate.

Editing Recording Schedule

You can edit or delete your reservations in **Schedule.**

- To edit, select a reservation and press the OK button. You can change the options such as channel, date, time, repeat mode, etc.
- To delete, select a reservation and press the BLUE button.
- **Note:** Refer to page 30 for instructions on how to Add, Edit or Delete your reservations.





Recording Conflict

You can watch another channel while recording a channel or record programmes from two different channels at the same time.

Recording Duration Conflict

When an instant recording conflicts with one of the scheduled recordings (or reminders), you can either;

- > Record for the automatically modified duration.
- Cancel either of the scheduled recordings (or reminders).
- > Cancel the previous recording.



Watching Conflict

When a scheduled recording starts on a different channel while you are watching a channel and recording another channel, a record notice will pop-up 30 seconds before the scheduled recording starts.

- **OK:** The channel will change at the start time and the scheduled recording will start automatically.
- Cancel: The scheduled recording will be canceled.

Scheduling Conflict

When a new scheduled recording conflicts with one of the previously set recordings (or reminders), you will be prompted to select up to two programmes you want to keep. Select the programme using the ▲/▼ and **OK** button.











Setting Padding / Jump Time

$\textbf{MENU} \rightarrow \textbf{Settings} \rightarrow \textbf{Preferences} \rightarrow \textbf{Recording}$

Setting Padding Time

You can set the recording padding time in case the recording starts earlier or ends later than scheduled.

- > **Start Padding Time**: Additional recording time before the recording starts.
- > End Padding Time: Additional recording time after the recording ends.

Setting Jump Time

You can set the jump time to replay or skip scenes during playback or time shifted recording.

- > Instant Replay Time: 7 sec, 15 sec, 30 sec
- > Skip Forward Time: 30 sec, 60 sec, 120 sec, 240 sec
- > Auto Delete: Old recordings will be deleted automatically when the HDD becomes full.

Note:

- You can record radio programmes also.
- The record banner will be displayed with the i-plate whenever pressing the i button.
- You can change the recording duration by using the **RECORD** button for instant recording or by going to **MENU > TV Guide > Schedule** for scheduled recording.
- When a new scheduled recording starts while a recording is already in progress, the record banner
 will be displayed for a few seconds to inform you that the recording has been started. If you are not
 watching the channel being recorded, a record notice will pop-up 30 seconds before the scheduled
 recording starts, and the channel will switch to the scheduled programme automatically at the start
 time.
- Pressing the **STANDBY** button while recording will not stop the recording. New recordings will start even in standby mode.
- While watching a recording programme, you can trick-play using the playback control buttons such as pause, fast rewind, instant replay, slow, etc.
- You can record the digital TV or radio programmes only. The external AV inputs cannot be recorded.
- Make sure that there is enough free space before recording. If the free space on the hard disk drive is
 insufficient, recording will stop. Recording HD programme requires more space than SD programme.
 The space for recording one hour programme may differ depending on the programme. Recording
 one hour of HD and SD programmes may require 8 GB and 2~3 GB of hard disk space, respectively.
- To view the recorded programme list, press the MEDIA or MENU button and select Video. (Refer to Using Video List.)

tart Padding Time	Off
nd Padding Time	
stant Replay Time	15 sec
tip Forward Time	
uto Delete	

Select



Playback

You can playback the recorded programmes that are stored in the built-in hard disk drive.

Playing Recordings (Video)

You can access the recorded file list easily and play the recorded programmes.

- Press the MEDIA button.
- Press the MENU button and select Video.

Select a file and press the **OK** button. Playback will start.

You can perform fast rewind, fast forward, slow motion and pause while playing back a recorded file. The green playbar is displayed when pressing the **PLAY, FAST FORWARD, REWIND, SLOW** or **PAUSE** button while playing.

Note: Press BACK or EXIT to hide the playbar.





```
Record
```

Select



Recording and Playback

Playback Controls

	Play
	Pause the scene. Press the PAUSE button again to go back to play mode.
	Stop the playback of the current file and go to live TV.
	Fast Rewind
	Fast Forward
K	Move to the previous chapter and replay the scenes.
	Move to the next chapter and skip scenes.
∢/ ►	Jump to the previous or next scene.
	Add or delete a bookmark in your desired scene. The bookmarked scene is shown as a yellow pointer.
	Jump to bookmarked scenes directly. The play pointer will first move to the nearest bookmark.
	Watch the recording in slow video.

Note:

- When you press the **BACK** button during playback, the playback stops. •
- Chapters are made by dividing the recorded programme into eight portions. •
- Bookmarks are available only when playing back the recorded programmes. •
- Up to four bookmarks can be used, and the bookmarks will remain even if you stop playback. •
- Refer to *Media List > Using Video List* for more details about the recorded files. •

36

Record



Recording and Playback

Pausing and Rewinding Live TV (TSR)

Time Shifted Recording (TSR) allows you to pause a live broadcast and return to it later and continue where you left off.

The TSR function automatically saves the programmes you watch to the built-in hard disk drive temporarily.

TSR lasts for 120 minutes.



To pause the programme you are watching,

Press the **PAUSE** button. Press the **PLAY** button to return. Pause makes a time gap between the live broadcasting point and watching point. The time gap is equivalent to the period the programme has been paused.

Press the **STOP** button to close the time gap and go to live programme.

To rewind and watch missed scenes,

Press the **REWIND** button. Press the **PLAY** button at the point where you want to start watching. You can pause, rewind or fast forward within the programme. You can fast rewind to the start point. If you reach the start point while rewinding, the

programme is automatically played at the normal speed.

To fast forward and skip scenes,

Press the **FAST FORWARD** button. You can fast forward only when there is a time gap between the current watching point and the live broadcasting point caused by pause, slow motion or fast rewind. You can fast forward up to the current broadcasting point. If you reach the live broadcasting point while fast forwarding, the programme is automatically played at normal speed.

Note: Press the **PREVIOUS/NEXT** button to instantly replay or skip scenes at regular intervals you set in the menu. (Refer to Setting Jump Time.)

To record the Time Shift Recording buffer

Rewind to the point you wish to record by pressing the **44 REWIND** or **4** button and press the **Record** button on the remote control.

Note: The recording will not appear immediately in the Media list as time is required to transfer the buffer into a recording.



You can retrieve video, music or photo files from the built-in hard disk drive, the USB storage devices, or the DLNA compliant devices.

You can access Media List in several ways.

- Press the MEDIA button.
- Press the MENU button and select Video, Music or Photo.
- Connect a USB storage device for media and select your desired media type.

Video	Lists TV/Radio recordings or Xvid files.
Music	Lists MP3 files.
Photo	Lists JPEG files.

Note:

- Press the **MEDIA** or **EXIT** button to exit. Press the **BACK** button to return to the previous screen.
- Select Copy to copy the media files to the different devices. (Refer to Using the Video List > Editing Files.)

Switching Storage

- 1. Press the **BLUE** button to switch the storage.
- 2. Select the storage and press the **OK** button.
 - > HDD: Displays the internal HDD.
 - ➤ USB: Displays each partition of the connected USB storage devices. Select a USB.
 - Network: Displays the connected DLNA compliant devices. Select the server.



Switching Media

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









Note:

- Please use only the USB storage device which was formatted with ext3, FAT or NTFS file system.
- Compatible USB devices include portable flash memory (particularly keydrives) and digital audio players (MP3 players) of format FAT12/16/32. It is not possible to connect this unit to a personal computer for USB playback.
- You can play back Xvid/MP3/JPEG files (except files with copy-protection or restricted playback).
- Supported features according to USB file system
 - > ext3: Read, Copy (Digital TV/Radio, MP3, JPEG, Xvid)
 - > FAT: Read, Copy (Digital TV/Radio, MP3, JPEG, Xvid)
 - > NTFS: Read (MP3, JPEG, Xvid)
- USB ports on your product supply 800mA in total. This 800mA is shared among all devices connected to product.
- Please connect power to a USB storage device which requires an external power supply. If not, the device may not be recognized.
- Please connect a USB storage device with the cable offered by the device maker. If you use a cable
 which is not offered by the device maker or an excessively long cable (max 5m), the device may not be
 recognized.
- If the USB storage device is connected in standby mode, it will automatically be recognized when the product is turned on.
- A USB storage device using an automatic recognition programme may not be recognized.
- A USB storage device which uses its own driver may not be recognized.
- The recognition speed of a USB storage device may depend on each device.
- Please do not disconnect or turn off the USB storage device while playing back. When the USB storage device is suddenly separated or unplugged, the stored files or the USB storage device may be damaged.
- Be sure to back up important files since data stored in a USB storage device may be damaged.
- If your USB storage device has multiple partitions, or if you use a USB multi-card reader, you can use up to 4 partitions or USB memory devices.
- If the USB memory stick does not work properly, disconnect and reconnect it.
- Some USB storage devices may not be supported or operated smoothly.
- How fast a USB storage device is detected differs from device to device.
- USB storage devices below USB 2.0 are supported as well. But they may not work properly.
- The system may require a longer time to read large amounts of data stored in a USB device.
- Only one USB icon will appear even when there are more than one USB.
- The network icon is displayed only when the network has been connected.
- HUMAX cannot guarantee compatibility (operation and/or bus power) with all USB mass storage devices and assumes no responsibility for any loss of data that may occur when connected to this unit.

MEDV



Using the DLNA Media Server

Your receiver is a DLNA (Digital Living Network Alliance) compliant device capable of sharing media files with other DLNA compliant devices such as the PC, NAS or another HUMAX PVR when they are connected to the same home network.

You can play the video, music or photo files that are stored in your PC on your receiver when the PC is connected to the same home network. You can also play the media files stored in your receiver on your PC.

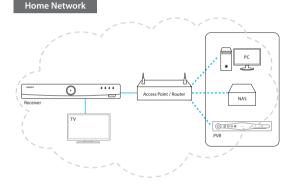
Connecting to Home Network

- 1. Connect the receiver to your home network by connecting the router or the Wi-Fi access point.
- 2. Press the **MENU** button and go to **Settings>System>Internet Setting**.
- 3. Set the options for the LAN or Wi-Fi. (Refer to System>Internet Setting for details.)
- 4. Set Content Share to On to allow sharing of the media files.

Playing Files On Your Receiver

: Files stored in the PC, NAS or another HUMAX PVR

- 1. Press the **MEDIA** button.
- 2. Press the **BLUE** button and select **Network**.
- 3. Select a server from the list.
- 4. Press the **YELLOW** button and select the media type.
- 5. Select the files you want to play.



Playing Files On Your PC

: Files stored in your receiver

- 1. Install and run the DLNA media server software on your PC.
- 2. Select the name of the receiver in the library list of your PC.
- 3. Select the files you want to play.

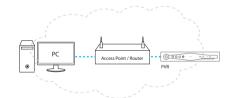
Note:

- The list of supported DLNA media servers will appear automatically.
- DLNA media server software such as Window Media Player 12 must be installed and executed on the PC to share media files stored in the PC. The media files must be stored in the library folder of the PC.
- For more information on DLNA, visit their website. (http://www.dlna.org/)









Media List

Using Video List

You can play TV/Radio recordings or Xvid files from the internal hard disk drive, USB storage device or the DLNA compliant device.

MENU → Video

Note:

- Press the YELLOW button to switch the media type.
- Press the **BLUE** button to switch the storage.
- Press the i button to view the detailed programme information.



Note:

- 💿 : Recording icon, 🕟 : Playing icon , 📷 : HD icon, 🚞 : CAS icon, 🔒 : Lock icon
- When you record the whole series of the programme, the programmes will be recorded in the same series folder.

Playing Files

Select a file and press the **PLAY** button. Playback will start from the recently viewed point. To play multiple files successively, select the files using the **RED** button and press the **PLAY** button.

Using Play Options

- 1. Select a file and press the **OK** button.
- 2. Select a play option.
 - > Resume Play: Plays from the recently viewed point.
 - > Play from the Start: Plays from the start.
 - > **Delete**: Deletes the selected files.
 - > Rename: Renames the selected file.
 - > Lock/Unlock: Locks or unlocks the selected files.
- 3. Press the **OK** button.

You can perform fast rewind, fast forward, slow motion and pause while playing back a recorded file. Refer to *Recording and Playback* > *Playback* for details on playback control and playbar.





Media List

Note:

- To play multiple files successively, select the files using the **RED** button and press the **OK** button. When multiple files are selected, **Resume Play** and **Rename** are not available in **Play Options**.
- You will be prompted to enter the password when playing the locked files or the files with guidance policy.
- Some playback control buttons may not function depending on the contents.

Editing Files

Deleting Files

- Select the file(s) you want to delete and press the **OPT+** button.
- 2. Select **Delete** and press the **OK** button.
- 3. Select **Yes** and press the **OK** button.

Sorting Files

- 1. Press the **OPT+** button.
- 2. Select **Sort** and press the **OK** button. The files will be sorted in alphabetical order.
- 3. To sort the files in time order, repeat the above procedure.



Note: Sorting files is available for video files only.

Locking Files

- 1. Select the file(s) you want to lock and press the **OPT+** button.
- 2. Select Lock and press the OK button.
- 3. To unlock, press the OPT+ button again and select Unlock.
- Enter the password.

Renaming Files

- 1. Select the file you want to rename and press the OPT+ button.
- 2. Select **Rename** and press the **OK** button.
- 3. Enter the name of the file in the keyboard and press the **YELLOW** button.

Creating Folder

- 1. Press the **OPT+** button.
- 2. Select New Folder and press the OK button.
- 3. Enter the name of the folder in the keyboard and press the YELLOW button.



Moving / Copying Files

- Select the file(s) you want to move and press the **OPT+** button.
- 2. Select **Move/Copy** and press the **OK** button.
- 3. Select the folder or storage you want to move the file(s) to and press the **RED** button.
 - > Moving the file(s) within the same storage
 - Select or Create the folder you want to move the file(s) to and press the **RED** button.
 - If you want to create a new folder, press the OPT+ button and enter the folder name and press the OK button.
 - > Copying the file(s) to another storage
 - Press the BLUE button to select the storage Highlight the storage and press the OK button.
 - Highlight the folder and then press the **RED** button to copy
 - If you want to create a new folder, press the OPT+ button and enter the folder name and press the OK button.
 - The Copyright Act 1968 only permits to copy broadcasts for Private and Domestic purposes in limited circumstances. HUMAX does not authorise any use of this feature in any way which may amount to a breach of any law or the rights of the owner of copyright in film or broadcast.

Note: When moving a locked file, you will be prompted to enter the password.

4. If you want to move or copy a recorded file, a copyright message will appear. Select **Yes** to proceed or **No** to cancel.



English

MEDV





Media List

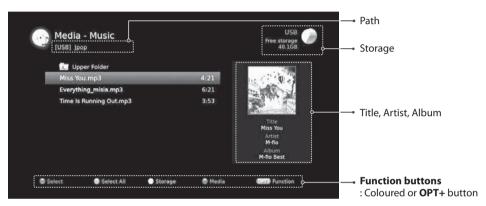
Using Music List

You can play MP3 audio files from the internal hard disk drive, USB storage device or the DLNA compliant device.



Note:

- Press the YELLOW button to switch the media type.
- Press the **BLUE** button to switch the storage.



Playing Files

Select a file and press the **OK** or **PLAY** button. All files in the folder will be played successively. To play the selected files only, select the files using the **RED** button and press the **OK** or **PLAY** button.

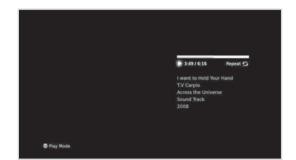


MEDIA



Music Player

The music player is displayed while playing the music file(s).



ОК	Plays or pauses	D	Plays
	Plays the previous file		Pauses
Þ	Plays the next file	RED	Changes the play mode (once, repeat, repeat all, shuffle)
	Plays the first file		Stops the music player and displays the list
	Plays the last file	EXIT	Exits the music player and goes to live TV

Editing Files

Deleting, moving, renaming the music files or creating new folders are the same as in the video list. Refer to **Using Video List > Editing Files**.





Media List

Using Photo List

You can play JPEG photo files from the internal hard disk drive, USB storage device or the DLNA compliant device.

$\textbf{MENU} \rightarrow \textbf{Photo}$

Note:

- Press the YELLOW button to switch the media type.
- Press the **BLUE** button to switch the storage.

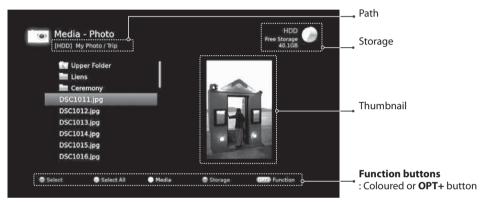


Photo Slideshow

Select a file and press the **OK** or **PLAY** button. All files in the folder will be shown successively. To slideshow the selected files only, select the files using the **RED** button and press the **OK** or **PLAY** button.

The info banner is displayed while slideshow is paused.



ОК	Pauses or plays	D	Plays
	Shows the previous photo		Pauses
Þ	Shows the next photo		Stops slideshow and displays photo list
	Shows the first photo	EXIT.	Exits slideshow and goes to live TV
	Shows the last photo		







Slide Mode

You can play music files during slideshow.

- 1. Press the **OPT+** button.
- 2. Select **Slide Mode** and press the **OK** button.
 - > **Display Time:** The duration a photo is displayed
 - Music Play: Select On to play music files during slideshow.
 - > Folder: Select the folder the music files in located in using the **RED** button.
- 3. Select **OK** to save and exit.

Media -		HDD Pres Storage 48.108
🖬 Uppe		10-3-I
Cerei	State of the state	S sec
 DSC1011 DSC101 		On My Music
✓ DSC1013 ✓ DSC1014	(A) 26	Cinco
 ✓ DSC1019 ✓ DSC1016 		
		245/245
	😫 Release Ali 🛛 💭 Media	Storage 6000 Function

English

Editing Files

Deleting, moving, renaming the photo files or creating new folders are the same as in the video list. Refer to **Using Video List > Editing Files**.





HUMAX TV Portal

HUMAX TV Portal provides Catch-up TV services and various web applications.

You can access HUMAX TV Portal in several ways.

- > Press the **TV Portal** button.
- Press the MENU button and select HUMAX TV Portal.

Note:

- Press the **TV Portal** button to return to TV Portal home while using the portal service.
- Press the **EXIT** button to exit. Press the **BACK** button to return to the previous screen.
- Press the **RED** button to enter the simple mode.
- Press the **BLUE** button to display the HUMAX Privacy Policy.
- HUMAX TV Portal is powered by independent service providers and the services are subject to change
 without notice.
- **Disclaimer:** You agree that your use of the HUMAX TV Portal Service ("Service") is at your sole risk and acknowledge that the Service and anything contained therein, including, but not limited to, content, services, goods or advertisements (the "Items") are provided "AS IS" and that HUMAX makes no warranty of any kind, express or implied, as to the Items, including, but not limited to, merchantability, no infringement, title or fitness for a particular purpose or use, HUMAX is not responsible for the quality of the broadband, and any disruptions or discontinuation of the Services as a result of broadband provided by your Internet Service Provider ("ISP"). HUMAX does not warrant that the Service is compatible with your equipment or that the Service is free of errors or viruses and is not liable for any damage you may suffer as a result of such destructive features. You agree that HUMAX, its Suppliers and its third-party agents shall have no responsibility or liability for any injury or damages, whether caused by the negligence of HUMAX, its employees, subcontractors, agents, Suppliers or otherwise arising in connection with the Service and shall not be liable for any lost profits, losses, punitive, incidental or consequential damages or any claim against HUMAX by any other party or any fault, inaccuracy, omission, delay or any other failure in the Service caused by your equipment or arising from your use of the Service on such equipment. For any issues or questions about the compatibility with your broadband, please contact your ISP.

Note: More applications are to be updated.





Note: Press the MENU or EXIT button to exit.

Parental Control

$\textbf{MENU} \rightarrow \textbf{Settings} \rightarrow \textbf{Preferences} \rightarrow \textbf{Parental Control}$

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 HUMAX Customer Service.

Restriction of Access

- 1. Select Restriction of Access.
- 2. Select an option.
 - No Block
 - > Block G(General) and above
 - Block PG(Parental Guidance Recommended) and above
 - > Block M(Mature Audience 15+) and above
 - Block MA(Mature Adult Audience 15+) and above
 - Block AV(Adult Audience, Strong Violence 15+) and above
 - Block R(Restricted 18+) and above
 - > Block All
- 3. Press the **OK** button.

Note: The password is required to view the blocked programmes.

Changing STB Password

- 1. Select Change STB Password.
- 2. Enter the new password.
- 3. Enter the new password again for verification.













Language Setting

$\textbf{MENU} \rightarrow \textbf{Settings} \rightarrow \textbf{Preferences} \rightarrow \textbf{Language}$

- 1. Select System Language.
- 2. Select the language.
- Note: You can change the audio or subtitle language by pressing the AUDIO or SUBTITLE button while watching a programme.



Setting Power On/Off Timer

$\textbf{MENU} \rightarrow \textbf{Settings} \rightarrow \textbf{Preferences} \rightarrow \textbf{Time}$

- 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.

Power On Timer	
Channel	2 ABC TV Sydney
Volume	10
Repeat	
Power Off Timer	
	2003 (GMT + 11.00) Territory, New South Wales,



Video Setting

$\textbf{MENU} \rightarrow \textbf{Settings} \rightarrow \textbf{Preferences} \rightarrow \textbf{Video}$

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 16:9 Letterbox 14:9 Letterbox – Centre
 - > Screen ratio 16:9: Auto Pillar Box 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	- (G)-		6
	Auto	Letterbox	Centre
16:9	· .	6	
	Auto	Pillarbox	Zoom









Audio Setting

$\textbf{MENU} \rightarrow \textbf{Settings} \rightarrow \textbf{Preferences} \rightarrow \textbf{Audio}$

Setting Digital Audio Output

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

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

Setting Lip-Sync

You can adjust the sound difference of audio and video.

1. Select Lip-Sync.

Adjust the lip-sync using the
 button.
 Pressing the right button increases the audio speed and pressing the left button decreases it.

Digital Audio Output	Multi-channel	
Lip-Sync	0 ms	



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 the transparency of the On-Screen Display.

1. Select Transparency.

- 2. Select an option.
 - > Off 25% 50% 75%

Setting Subtitle Display

You can set to display the subtitle automatically or not.

- 1. Select Subtitle Display.
- 2. Select an option.
 - ≻ On Off

Setting Subtitle Font

You can adjust the subtitle font.

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

EPG Type Setting

$\textbf{MENU} \rightarrow \textbf{Settings} \rightarrow \textbf{Preferences} \rightarrow \textbf{EPG Type}$

Setting EPG Type

You can set the EPG type to HUMAX mode or IceTV mode.

1. Select EPG Type.

- 2. Select an option.
 - **HUMAX:** The HUMAX TV guide and i-plate is displayed.

Select

IceTV: If you have an IceTV account, select IceTV. Enter the member ID, password, region and device label to
proceed.

OK Confirm







666 Enter 0~9

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

MENU → Settings → Installation

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 HUMAX Customer Service.
- Press the MENU or EXIT button to exit.

Automatic Search

$\textbf{MENU} \rightarrow \textbf{Settings} \rightarrow \textbf{Installation} \rightarrow \textbf{Automatic Search}$

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.
- The channels searched from the previous channel search will remain.





Manual Search

MENU → Settings → 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. The corresponding frequency value will be automatically displayed.
 - > 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. .
- The channels searched from the previous channel search will remain. •





Frequency	
Bandwidth	
Network Search	
Strength	01 % 62 %



Software Update

The software will be updated automatically through the Regular Update feature as a default. You can also check for newly released software versions by selecting SW Update in HUMAX TV Portal. It is recommended that you periodically check for the availability of software update.

Make sure the internet is connected. You can connect the internet using a wireless USB dongle or a LAN cable. When using a wireless USB dongle, it is recommended to use a USB dongle distributed by HUMAX. Other products may not function or respond. Go to www.humaxdigital.com/au for details of where to buy. If there is no internet connection, visit the HUMAX website for the latest software versions (http://www. humaxdigital.com/au) or contact Humax Customer Support on 1800 737 937.

MENU → Settings → Installation → Software Update

Automatic Update

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

Manual Update		
Regular Update		

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.
 - > Bandwidth: Select the bandwidth.
- 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.

Frequency		
Bandwidth		
Strength +	Se %	
Quality -	<u> </u>	
Sear	6	

Please wait until the update is complete. When completing the software update, the product is automatically powered off and on again automatically powered off and on again.

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Regular Update

You can set the software update to take place automatically at 4a.m. on a daily basis.

- 1. Select Regular Update.
- 2. Select an option.
 - > **On**: Software is updated automatically at 4a.m.
 - > Off: No automatic software update

Note:

- It may take approximately 40 minutes to update software.
- Other functions such as scheduling programmes will not activate while software update takes place.

Regular Software Update	On 1
When the Regular Software Update me software update will take place automat a daily basis.	

- If new software is detected, you can choose either to download immediately or later. If you select Later, the message will be displayed again when you switch into standby mode.
- You can also update the software by connecting a USB device which has the new software file. The file can be downloaded from the HUMAX website.

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.
- Software update through the network is also possible if you access HUMAX TV Portal.

Software Upgrade via USB Memory Stick

- 1. Visit HUMAX Australia website (www.humaxdigital.com/au) and go to Support>Software Download.
- 2. Check the latest software version and click the title to commence download and save it to an EMPTY USB memory stick (Make sure you have no other files).
- 3. Power off the receiver by switching off the switch located on the rear.
- 4. Insert the USB memory stick into the USB port (located at the rear) of the receiver.
- 5. Power on the receiver by switching on the switch located on the rear and immediately start tapping the front **Standby** touch button until the letter **R** appears on the front display.
- 6. The front display will change to **P** and numbers will show indicating the progress. (You can also monitor the progress on the TV screen connected to the receiver.)
- 7. When the front display changes to END, pull out the USB memory stick.
- 8. To confirm successful update, please go to Menu>System>System Information and check Software Version.
- **Note:** If the download progress stops around 89%, it may take up to 5 minutes for it to restart. DO NOT TURN OFF the receiver at this point.







Dynamic Update

MENU → Settings → Installation → Dynamic Update

You can have the real time channel update take place automatically when necessary.

- 1. Select Dynamic Channel Update.
- 2. Select an option.
 - > **On**: Channels are updated automatically when necessary.
 - > Off: No automatic channel update



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. The antenna power should be turned on if your TV is connected to an active antenna that requires external power.

1. Select **5V Antenna Power**.

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





Factory Default

MENU → Settings → Installation → Factory Default

1. Select Factory Default.

- 2. A popup will appear. Select Yes.
- 3. You will be prompted to enter the password. Enter the password.
- **Note:** The default password is 0000. If you have forgotten your password, please contact HUMAX Customer Service.

Warning:

- To format the HDD, mark **Format HDD**.
- Please note that once you perform Factory

Automatic Sea		
Manual Search		
Software Upda		11
Dynamic Upde	Factory Default	
Antenna Powe	Do you want to reset all values to the factory default?	
Factory Defa		
	🕼 Format HDD	
	Yes No	

Default, all data such as channel list, and all user configured data will be deleted. After completing the default setting, the installation wizard will appear automatically in a few seconds.





In **System**, system information, signal detection, power management, conditional access and data storage options are available.

Note: Press the MENU or EXIT button to exit.

System Information

$\textbf{MENU} \rightarrow \textbf{Settings} \rightarrow \textbf{System} \rightarrow \textbf{System Information}$

The system information is displayed.

Model Name Software Version Loader Version System ID Update Date MICOM Version Mac Address HDR-75007 0.00.08 L5 FA 14 0000.0000 25 FEB 2010 0.0

Signal Detection

$\textbf{MENU} \rightarrow \textbf{Settings} \rightarrow \textbf{System} \rightarrow \textbf{Signal Detection}$	
You can check the signal strength and quality of the searched channels.	Settings - System - Signal Detection
Note: This menu will not be activated while recording.	Channel 42 Ch42, 627500kHz, 7MHz
	Strength 99% 99%



Power Management

$\textbf{MENU} \rightarrow \textbf{Settings} \rightarrow \textbf{System} \rightarrow \textbf{Power Management}$

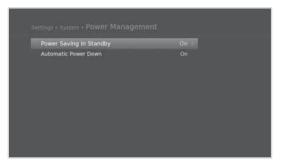
Power Saving in Standby

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

Setting Automatic Power Down

The receiver automatically enters standby mode for power saving if no user interaction occurs for 3 hours.

- 1. Select Automatic Power Down.
- 2. Select **On** to enter standby mode automatically if no user interaction occurs for 3 hours.



Note: The message will be displayed before entering standby mode. If no selection is made for 30 seconds, the receiver enters standby mode automatically.

Data Storage

MENU → Settings → System → Data Storage

You can check the size of the internal hard disk drive or external USB storage device.

- 1. Select a storage to display the details for each storage.
- To format the selected storage, select Format Storage. If you select Yes, you will be prompted to enter the password.

Note:

- The default password is 0000. If you have forgotten your password, please contact HUMAX Customer Service.
- Supported features according to USB file system
 - > ext3: Read, Copy (Digital TV/Radio, MP3, JPEG, Xvid)
 - > FAT: Read, Copy (Digital TV/Radio, MP3, JPEG, Xvid)
 - > NTFS: Read (MP3, JPEG, Xvid)







System

Internet Setting

$\textbf{MENU} \rightarrow \textbf{Settings} \rightarrow \textbf{System} \rightarrow \textbf{Internet Setting}$

Configuring Wi-Fi (wireless)

1. Select Configure Wi-Fi.

- The wireless LAN network list will appear. Select your Wi-Fi network and press the OK button.
- If your Wi-Fi network is not listed, select Input network name and enter the name in the keyboard.
- 4. Configure the Wi-Fi setting options.
 - > Network Name: The Wi-Fi network name
 - > Security Type: The Wi-Fi security type
 - > Password: The Wi-Fi password.

Note: Refer to Connecting the Network for details.

Configuring 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.
- The network is connected by LAN when both WiFi and LAN are activated.
- HUMAX recommends the network connection over a direct LAN.

Content Sharing

You can find video, music and photo files in the HDD and play them on your TV or send those files to other devices. (Make sure the network is connected to both devices.)

- 1. Select Content Sharing.
- 2. Select **On** to connect to the HDD from other devices.

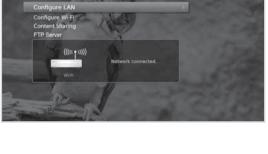
FTP Server

You can use the product as an FTP server to upload or download files.

- 1. Select FTP Server.
- 2. Select **On** to use the product as an FTP server.



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gs - System - Internet Setting

App	





Appendix

Specification

Tuner & Channel	
No. of Tuners	2
Input Connector	IEC 169-2 female
Frequency Range	174-230MHz(VHF) 520-820MHz(UHF)
Audio/Video Decoding	
Audio Decoding	MPEG/MusiCam Layer I & II, Dolby Digital+
Audio Mode	Single channel/Dual channel/Joint stereo/Stereo
Video Decoding	MPEG-2 ISO/IEC 13818 Transport Stream Specification
Video Format	4:3, 16:9
Video Resolution	1080p, 1080i, 720p, 576p, 576i
Memory	
Flash Memory	32MB
RAM	256MB
EEPROM	8KB
Audio/Video In/Out	
Video	RCA, YPbPr, HDMI/HDCP
Audio	Audio L/R, S/PDIF (Digital Audio Output)
Data In/Out	
USB	USB 2.0 Host (5 V==500, 500mA Max.)
File Format	JPEG(jpeg, .jpg, .jpe, .jfif), MP3(mp3, .mp2, .mp1)
Hard Disk	
HDD	500GB/1TB
Power Supply	
Input Voltage	90-250V a.c., 50/60Hz
Туре	SMPS
Power Consumption	Max. 25W (Standby: Max. 1W)
Protection	Separate internal fuse. The input should be protected against lightning.

Appendix

Physical Specification		
Size (w/h/d)	380mm×246mm×55mm	
Weight	2.75kg	
Operating Temperature	0 ℃ to +45 ℃	

Note: The specifications are subject to change without notice.

Service and Support

Information concerning troubleshooting, software upgrade and product support is provided in the following websites and customer service centre. Should your product require warranty service, please contact HUMAX to obtain the appropriate authorization.

HUMAX Customer Service

	Tel: Opening Hours:	1300 737 937 Mon-Fri 9:00-17:00 (excluding Public Holidays)
Australia	Address: E-mail:	7 / 602 Whitehorse Road, Mitcham, Vic, 3132 ausupport@humaxdigital.com
	Website: Language:	www.humaxdigital.com/au English

Note: For hardware repair, please visit our website.

Appendix

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 you clean it.
- Use a moist cloth to clean the product. Do not use solvents. Wipe the surface gently with a soft cloth as it may get scratched.

5. VENTILATION

- Make sure that the top of the product is not blocked. It is necessary to have a sufficient airflow into the unit.
- Do not put the product on soft surfaces.
- Do not put objects on the product. This will block the ventilation or cause damage to the surface.

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. EXTRANEOUS 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.
- No naked flame sources, such as lighted candles, should be placed on the apparatus.

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 HUMAX Customer Service 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 the customer service centre, please read the tips below carefully. If the problem persists after completing the following procedure, please contact HUMAX Customer Service 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

- Make sure there is no mobile phone or microwave oven near the product.
- Keep the power and the RF cables apart from each other.
- **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.
 - [Satellite] Install the antenna in an obstacle-free place.
 - [Satellite] Check the signal levels and adjust your antenna if the level is too low. The signal level may be affected by weather conditions.
 - [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. (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.
- [Cable] Make sure that your cable 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 conflicted 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 Humax Customer Service.
- 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
No or bad signal [Satellite]	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.
No or bad signal [Cable]	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.
No or bad signal [Terrestrial]	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.
	The channel has a signal, but no audio or video.	Confirm if the channel is currently on air.
The channel is scrambled or not available.	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.
The audio is not available.	The channel has a video signal, but no audio.	Press the audio button to confirm that the channel has audio options.
No access	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.
No card inserted.	Smartcard is not inserted.	Insert Smartcard.

Error message	Possible causes	What to do	
Incorrect card	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.	
	CI-Module is not inserted.	Insert CI-Module.	
CI-Module not installed.	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.	
Invalid CI-Module	Wrong CI-Module.	Insert the correct CI-Module.	
	CI-Module is damaged.	Replace the CI-Module.	
The antenna cable is short-circuited. [Satellite]	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.	

Glossary

CVBS (Composite Video Baseband Signal)

A technology for transmitting video signals via a cable. Mixes luminance (brightness) and the chrominance (colour) signals together.

DiSEqC (Digital Satellite Equipment Control)

A DiSEqC compatible receiver relies on a switching box which detects the 22kHz tone pulsing rapidly on and off. In this way, a specially designed receiver can control numerous LNBs through a DiSEqC switching box.

Dolby Digital

An encoding system that digitally compresses up to 5.1 discrete channels of audio (left front, centre, right front, left surround, right surround) into a single Bitstream. A low frequency effect (LFE) channel is included providing the sound needed for special effects.

DVB (Digital Video Broadcasting)

Set of standards that define digital broadcasts using satellite, cable or terrestrial systems.

EPG (Electronic Programme Guide)

An electronic equivalent to a printed television listings magazine; it is an application used with digital settop boxes and digital television sets to list current and scheduled programs that are or will be available on each channel, including a short summary or commentary for each program. The information supplied in the EPG is sent and updated by the channel broadcaster.

FEC (Forward Error Correction)

A technique for error control of data transmission.

Frequency

The property of a signal measured in cycles per second (=Hz).

FTA (Free- To-Air)

An unscrambled broadcaster allowing customers to view channels or services without paying any subscription.

HDD (Hard Disk Drive)

The primary computer storage medium, which is made of one or more aluminum or glass platters, coated with a ferromagnetic material.

HDMI (High-Definition Multimedia Interface)

An all-digital audio/video interface that supports standard, enhanced, or high-definition video, plus multi-channel digital audio on a single cable. It transmits all ATSC HDTV standards and supports 8-channel digital audio.

Hi-Fi (High Fidelity)

The characteristics of audio devices that can play back all the audio frequencies a person can detect, which is the range of 16Hz-20KHz. Sometimes it is used to indicate good quality of audio devices such as stereo tape recorders.

LNB (Low Noise Block)

A device that is mounted on an arm facing your satellite dish, focusing on satellite signals. A LNB converts signals received from satellite to a lower frequency and sends them to a satellite receiver via coaxial cable.

NVOD (Near Video On Demand)

A technology that allows customers to view the start of popular programmes or films within a short period from the time they make their selection. This is possible as the broadcaster sends multiple copies with staggered start times.

OSD (On Screen Display)

OSD displays the basic information necessary for the users to configure monitor or TV settings. OSD information may include brightness, contrast, tuning, RGB adjustment, and screen size and position.

OTA (Over the Air)

A standard for the transmission of software for equipment, through a broadcast system. Manufacturers reserve the right for deciding the release of the software for their products.

PID (Packet Identifier)

A set of numbers identifying stream packets contained within a single data stream.

PIP (Picture In Picture)

A function that allows you to display two different TV channels (or TV inputs) on a single screen.

Polarisation

The direction of the electrical and magnetic fields of a signal. Satellites use both vertical and horizontal polarisation. Means that a frequency can be used twice.

PVR (Personal Video Recorder)

Video recorder that can record and playback programmes directly using the embedded hard disk drive(s).

QPSK (Quadrature Phase Shift Keying)

Digital modulation technique in which the carrier phase can have one of four possible values.

RF (Radio Frequency)

Television signals are modulated onto RF signals and are then demodulated by your television's or STB's tuner.

RF Modulator

Enables you to output the receiver's digital signals to a TVs RF (Aerial) input, allowing you to connect the receiver to a TV set without a SCART connection.

RGB (Red - Green - Blue)

A technology for transmitting video signals via a cable. RGB is a system to represent red, green, and blue colours on a TV or monitor display. Red, green, and blue can be combined in various proportions to obtain any colour.

RS-232C

A connection to allow you to connect to a PC to update receiver's software.

SCART

A 21-pin connector standard to connect two pieces of Audio-Visual equipment such as a TV and a VCR. Each device will have a 21-pin female connection; a cable with male connection at both ends is used for connecting the devices.

Smartcard

A credit card sized card that contains updateable chip memory. It is used for accessing Pay TV (encrypted) channel or services when inserted into an appropriate receiver.

S/PDIF (Sony/Philips Digital Interface format)

A standard format for the transfer of digital audio signals. It allows the transfer of digital audio between two devices without any conversion to and from analogue, which could degrade the signal quality.

S-Video (Super-Video)

Sometimes referred to as Y/C video; a technology for transmitting video signals via a cable. It is a video signal transmission in which the luminance (brightness) and the chrominance (colour) signals are transmitted separately to achieve superior picture clarity.

Transponder

A satellite is divided up in parts called transponders. A transponder is one distribution section of the satellite. Each transponder can be used for distribution of several channels or services.

Trick-Play

Pause, Fast Forward/Fast Rewind, Slow Motion, Instant Replay, Commercial Skip, Repeat A-B.

TSR (Time Shifted Recording)

A function that records the present programme temporarily to support trick-play.

Remote Control Code List

1. Using the Universal Remote Control

- 1. Select the mode(PVR, TV, DVD, AUDIO) you want to set by pressing the corresponding button on the remote control. The button will blink once.
- 2. Keep pressing the button for 3 seconds until the button lights on.
- 3. Enter the 3-digit code. Every time a number is entered, the button will blink. When the third digit is entered, the button will blink twice.
- 4. If a valid 3-digit code is entered, the product will power off.
- 5. Press the OK button and the mode button will blink three times. The setup is complete.
- 6. If the product does not power off, repeat the instruction from 3 to 5.

Note:

- When no code is entered for one minute the universal setting mode will switch to normal mode.
- Try several setting codes and select the code that has the most functions.

Remote Control Function List

The keys on the remote control function as in the list below.

Note: Some keys may not function depending on the product.

Button	TV	DVD	AUDIO
STANDBY	POWER	POWER	POWER
₩	MUTE	MUTE	MUTE
PVR			
τν			
DVD			
AUDIO			
1	DIGIT 1	1	INPUT 1
2	DIGIT 2	2	INPUT 2
3	DIGIT 3	3	INPUT 3
4	DIGIT 4	4	INPUT 4
5	DIGIT 5	5	INPUT 5
6	DIGIT 6	6	INPUT 6
7	DIGIT 7	7	INPUT 7
8	DIGIT 8	8	INPUT 8
9	DIGIT 9	9	INPUT 9
0	DIGIT 0, 11	0	INPUT 0
TV Portal			
MENU	MENU	MENU	MENU/MODE

Button	TV	DVD	AUDIO
•	TEXT EXPAND	PLAY	PLAY
Ш	TEXT HOLD	PAUSE	PAUSE
	PIP INPUT	STOP	STOP
•	PIP MOVE	RECORD, OPEN CLOSE	RECORD
••	PIP OFF	REWIND, SEARCH REVERSE; SCAN	DVD SEARCH REW, CD SEARCH REW, REW
**	PIP	FAST FORWARD, SEARCH FORWARD; SCAN	FAST FORWARD, DVD SEARCH REW, CD SEARCH REW, REW
lee	TEXT MIX	SKIP -, TRACK -, CHAPTER -	DVD SKIP -, CD SKIP -, SKIP -
►►!	TEXT OFF, TV	SKIP, TRACK +, CHAPTER +	DVD SKIP+, CD SKIP +, SKIP +
RED	RED	RED	RED
GREEN	GREEN	GREEN	GREEN
YELLOW	YELLOW	YELLOW	YELLOW
BLUE	BLUE	PROGRAMME	BLUE
MEDIA			
GUIDE	GUIDE	GUIDE	DSP MODE
ОК	ОК	ОК	ОК
UP	UP	UP	UP
LEFT	LEFT	LEFT	LEFT
RIGHT	RIGHT	RIGHT	RIGHT
DOWN	DOWN	DOWN	DOWN
EXIT	EXIT	EXIT, RETIRN	EXIT
BACK	LAST, RECALL; PP; LAST CHANNEL	CLEAR	REPEAT
VOL+	VOL+	VOL+	VOL+
VOL-	VOL-	VOL-	VOL-
i	INFO, OSD; DISPLAY	INFO, OSD; DISPLAY	INFO
LIST		LIST	
P+	P+	P+	P+
P-	P-	Р-	Р-
TEXT	TEXT	PVR MENU	
₫?		AUDIO, LANGUAGE	SURROUND
SUB	SUBTITLE, LANGUAGE; CC	SUBTITLE	

Button	TV	DVD	AUDIO
TV/RADIO	TV/DTV ATV/DTV; D/A; DTV/ TV; DTV; DIGITIAL	HDD, DVD/HDD	BAND
OPT+			RANDOM
411	TEXT SUBPAGE TEXT TIME		RANDOM
	TEXT INDEX	TITLE	
۱►	TEXT POSITION TEXT CANCEL; TEXT UPDATE	SLOW; STEP	
SOURCE	SOURCE, AV, 55INPUT; TV/ AV	SOURCE, TV/DVD, TV/DISK	SOURCE, FUNCTION
SLEEP	SLEEP	SLEEP	SLEEP
V-FORMAT	TEXT SIZE; TEXT EXPAND; FTB		
WIDE	WIDE, FORMAT, 16:9, ASPECT; ZOOM	ZOOM	

Note: Some products may not respond depending on the manufacturer.

2. TV Code List

Brand	Code	Akai	102, 006, 098, 144, 145, 111, 061,
A.R. Systems	102, 006, 080, 066		043, 074, 148, 232, 280, 128, 122, 461, 109, 462, 489, 094, 084, 083,
Accent	006		065, 035, 034, 033, 028, 023, 011,
Acer	261, 278, 305		004, 002, 154, 321
Acoustic Solutions	210, 312, 324, 370, 386, 428, 477	Akiba	006, 036, 080, 045
Acura	002	Akito	006, 044
ADL	224	Akura	006, 144, 134, 204, 043, 036, 002, 026, 045, 071, 298, 327, 376, 451
Admiral	043, 014, 015, 023	Alaron	034
Advent	192, 342	Alba	006, 144, 134, 204, 087, 064, 036,
Adyson	034, 035		005, 108, 473, 455, 447, 388, 099,
AEG	211, 256, 327, 489		084, 077, 072, 065, 059, 034, 023 002
Agashi	043, 034, 035	AlfaView	220
AGB	094	All-Tel	190, 238
Agef	014	Allorgan	032, 035
Aiko	006, 061, 043, 074, 002, 004, 011, 028, 034, 035, 065	Allstar	006
Aim	006, 171	Amitech	131, 241
Airis	316, 413, 473	Amoi	315
Aiwa	139, 141, 445	Amplivision	064, 035, 049

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	026, 062, 065, 071, 094, 128, 410, 436, 451	Bang & Olufsen	014
Anam	006, 002	Barco	023
Anam National	006, 129	Basic Line	102, 006, 134, 204, 036, 080, 002, 023, 035, 045, 053, 066, 211
Andersson	210, 211	Bastide	035
Anglo	043, 002	Bauer	171, 344
Anitech	006, 043, 002, 045	Baur	
Ansonic	006, 134, 064, 002, 017, 023, 042, 048 , 066, 070, 285		006, 030, 061, 028, 056, 093, 096, 097, 101
AOC	120, 266, 335	Bazin	035
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Ardem	006, 144	BenQ	223, 328, 329
Arena	006	Bensten	258, 436, 437
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Asberg	006	Bestar-Daewoo	066
Asora	002	Binatone	035
Asuka	043, 036, 034, 035, 045	Black Diamond	444, 204, 211
Atec	340, 387	Blackway	036, 045
Atlantic	006, 032, 034, 042, 049	Blaupunkt	030, 005, 080, 025, 028, 096, 101
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Britannia	034, 035	Concorde
Brother	043	Condor
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BSR	023	Conia
втс	036	Conrac
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Carver	025	Cybertron
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Centurion	006	Dansai
Century	014	Dansette
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City	002	De Graaf
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Nevir	073, 082, 057	Proline	057, 094, 122, 165, 193
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Next Base	160	Prosonic	130, 208
NFREN	081	ProVision	066, 117, 136, 181
Nikkai	181	Руе	038, 052
Nikkei	116	QONIX	077
Norcent	181	Quartek	158
Nordmende	082	Radionette	067, 090, 179
Nortek	204	Radiotone	062
Oasis-Media	148	Raite	055
Olidata	057	RCA	168
Onkyo	033, 046, 169	REC	032
Onn	223	Redstar	073, 071, 075, 093, 125, 181
Onyx	198	Relisys	119

Reoc	072,092	SKY	013
Revoy	085	Skymaster	066, 072
Richmond	113	Skyworth	093
Roadstar	066, 057, 062, 093, 110, 172	Sliding	100
Ronin	091	SM Electronic	066, 072, 105
Rotel	045	Smart	061,062
Rowa	064	Sogo	136, 203, 216
Rownsonic	076	Sontech	131
Saba	039, 204	Sony	036, 089, 096, 098, 139, 142, 150,
Saivod	082, 071		171, 177, 184, 188, 190, 201, 202
Salora	067	Sound Color	113
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Samsung	032, 042, 017, 022, 069, 099, 152,	Soundwave	062, 140
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ScanMagic	066, 164	Strato	105, 123
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Schaub Lorenz	073, 075, 100, 104, 156	Sunkai	073, 087
Schneider	038, 082, 052, 077, 061, 062, 075, 090, 110, 122, 214	Sunstar	001
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SEG	055, 062, 091, 140, 185, 215	SVA	057
Shanghai	057	Swisstec	206, 218
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	064	Synn	072
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Sigmatek	109, 200	Sytech	148, 200
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SilverCrest	014, 015, 105	Targa	110, 157, 179
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Tec	093	Welkin	082
Technica	162	Wellington	062
Technics	032, 178	Weltstar	062
Technika	073, 082, 100, 140, 162, 206, 208, 218, 221	Wharfedale	077, 062, 070, 100, 124, 172
Technisson	100	Wilson	082, 113
Technosonic	100	Windsor	062
Techwood	062, 140, 185	Windy Sam	042
Telefunken	082, 140, 185	Wintel	101
Teletech		Woxter	104, 109
	072,062	Xbox	163, 194
Tensai	073	Xenius	077
Tevion	093, 097, 110, 123, 131, 164, 181, 215	Xomax	198
Textorm	136	Xoro	108, 226
Theta Digital	041	Yakumo	094
Thomson	039, 116, 160, 168	Yamada	091, 094, 104, 106, 126, 135, 136
Time	013	Yamaha	032 ,038, 052, 079
Tokai	077, 055, 075, 093, 113	Yamakawa	055, 091, 215
Tom-Tec	076, 148	Yukai	066, 164
Top Suxess	109	Zenith	033, 043
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TRANS-continents	082, 081, 091, 113, 117	Airis	216
Tredex	086	Akai	212
Trevi	082	Alba	216
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TVE	062	Bush	062, 216, 217
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United	059, 066, 058, 062, 075, 081, 100,	Denver	128, 216
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Venturer	077, 169, 193, 208	Logic	222
Vestel	062, 140, 185	Marquant	217
Vieta	061	MTlogic	216
Voxson	066, 082	Onn	223

Philips	210	Technika	208, 221
Proline	193	ИМС	221
Prosonic	208	Venturer	193, 208
Sliding	100	τν/να	R/DVD Combo
Sogo	216	Ferguson	059
Swisstec	218	Matsui	059

4. VCR Code List

Brand	Code	Bell & Howell	011
Accent	009	Bestar	021
Adventura	001	Black Diamond	051
Adyson	009	Black Panther	021
Aiwa	003, 028, 001, 029, 002, 068, 102	Blaupunkt	010, 019
Akai	028, 029, 023, 012, 020	Blue Sky	021, 003, 028, 051, 009, 029, 03
Akiba	009		068, 102
Akura	009	Bondstec	009
Alba	010, 021, 028, 001, 009, 029, 023	Brandt	024, 025
Allorgan	020	Brinkmann	028
Allstar	010	Bush	010, 021, 028, 001, 051, 009, 029 023, 068
America Action	021	Calix	003
Amstrad	021,001,009	Carena	010
Anam	021, 003, 019, 020	Carrefour	006
Anam National	019	Carver	010
Anitech	009	Casio	001
Ansonic	001	Cathay	021
Aristona	010		021,009
ASA	010, 003	Centrum	044
Asha	020	CGE	001
Asuka	010, 003, 001, 009	Cimline	009
Audiolab	010	Cineral	009
Audiosonic	021		
Audiovox	003	Citizen	021,003
AVP	001, 029	Clatronic	001,009
Awa	003, 024, 005	Colt	009
Baird	021, 001, 011, 012	Combitech	029
Basic Line	021, 009, 011	Condor	021
Beaumark	020	Craig	003, 009, 020
Beko	011	Crown	021, 003, 009, 031

Cybernex	020	GEC
Cyrus	010	Gene
Daewoo	021, 050, 051, 029, 006	Gene
Dansai	021,009	Go V
Dantax	029, 068	Gold
Daytron	021	Gold
De Graaf	010, 011, 007, 004	Good
Decca	010, 001, 029, 008	1
Deitron	021	GPX
Denko	009	Grad
Denon	004	Grae
Diamant	003	Gran
Dual	010, 021, 028, 001	Gran
Dumont	010, 001, 011	Grun
Durabrand	051,044	Hani
Elbe	021	Hans
Elcatech	009	Harle
Electrophonic	003	Harw
Elin	020	нсм
Elsay	009	Hina
Elta	021,009	Hisav
Emerex	002	Hisch
Emerson	021, 050, 003, 001, 009, 006, 005	Hitad
ESC	021,020	Hoeh
Ferguson	021, 028, 001, 024, 025, 068	Horn
Fidelity	001, 009, 029, 030, 020	Hugh
Finlandia	010, 003, 001, 011, 007, 005, 004, 012, 019	Syste
Finlux	010, 001, 011, 004	Impe
Firstline	021, 003, 028, 009, 006, 005, 004, 031, 102	Ingei
Fisher	011	Inno
Flint	028	Inter
Frontech	009	Inter
Fujitsu	001	Inter
Funai	001, 044	Inter
Galaxi	001	Inter
Galaxis	021	Irrad
Garrard	001	ITT
GE	007, 020	ITV

GEC	010
General Technic	028
Genexxa	011
Go Video	030, 102
GoldHand	009
GoldStar	003, 001, 031, 102
Goodmans	010, 021, 050, 003, 028, 001, 051, 009, 029, 020, 068
GPX	003
Gradiente	001
Graetz	011,020
Granada	010, 003, 001, 011, 007, 004, 019, 020
Grandin	021, 003, 001, 009, 068
Grundig	010, 028, 009, 024, 029, 019, 068
Hanimex	029
Hanseatic	010, 003
Harley Davidson	001
Harwood	009
НСМ	009
Hinari	021, 009, 029, 020
Hisawa	029
Hischito	006
Hitachi	010, 001, 004, 020, 044
Hoeher	021, 051
Hornyphon	010
Hughes Network Systems	004
Hypson	021, 003, 001, 009, 029, 031
Imperial	001
Ingersol	020
Inno Hit	009
Interbuy	003, 009
Interfunk	010, 011
Internal	021,050
International	021, 003, 051
Intervision	021, 003, 028, 001
Irradio	010, 003, 009, 102
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ITV	021,003

JBL	021	Medion	028, 051, 029
JMB	028, 029, 068	Memorex	003, 028, 001, 011, 007, 020
Joyce	001	Memphis	009
JVC	008	Metronic	010
Kaisui	009	Metz	010, 144, 003, 019, 084
Karcher	010, 021, 051	MGA	005, 020
KEC	021,003	MGN Technology	020
Kendo	021, 003, 028, 051, 009, 023, 012	Micormay	028
Kenwood	008	Migros	001
KLH	009	Minolta	004
Kneissel	021, 003, 028, 029	Mitsubishi	010, 051, 008, 007, 005, 031
Kodak	003	Motorola	007
Korpel	009	МТС	001, 020
Kyoto	009	Multitec	003
Lenco	021	Multitech	001, 009
Leyco	009	Murphy	001
LG	021, 003, 001, 031, 102	Myryad	010
Lifetec	028	NAD	011
Lloyd's	001	Naiko	028, 051
Loewe	010, 144, 003	National	019
Logik	009, 012, 020	NEC	003, 011, 008
Lumatron	044, 102	Neckermann	010
Lunatron	102	Nesco	001, 009
Lux May	009	Neufunk	102
Luxor	009, 011, 007, 005, 023, 012	Nikkai	021,009
LXI	003	Nikko	003
M Electronic	003, 001	Noblex	020
Magnasonic	021, 044	Nokia	010, 021, 011, 007, 004, 023, 012, 020
Magnavox	010, 001	Nordmende	
Magnin	020	Oceanic	051, 024, 008, 025
Magnum	051	Okano	021, 028, 009, 023
Manesth	010, 009, 006	Olympus	019
Marantz	010	Onimax	051
Mark	021,001	Optimus	007, 030, 044
Mascom	051	Orbit	009
Mastec	051	Orion	028, 029, 068
Master's	021	Orson	001
Matsui	003, 028, 029, 020, 068	Osaki	003, 001, 009
Mediator	010	UJANI	000,001,009

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Osume	009	Royal	009
Otto Versand	010	Saba	021, 024, 025
Pace	029	Saisho	028
Pacific	028, 001, 051, 068	Salora	011, 005, 012
Palladium	003, 028, 009	Samsung	006, 030, 020, 068
Palsonic	001,009	Sanky	007
Panasonic	144, 019, 084	Sansei	007
Pathe Cinema	005	Sansui	001, 009, 008, 012
Penney	003, 004, 020	Sanyo	011, 008, 007, 020
Pentax	004	Saville	021, 029, 020
Perdio	001	SBR	010
Philco	009	ScanSonic	020
Philips	010, 044	Schaub Lorenz	028, 001, 011, 023, 012
Phoenix	021	Schneider	010, 021, 003, 028, 001, 051, 009, 029, 004, 020, 102
Phonola	010	Scott	005, 044
Pilot	003	Sears	003, 001, 011, 004
Pioneer	010, 008, 004	Seaway	021
Portland	021, 050	SEG	010, 021, 050, 051, 009, 020, 044
Prinz	001	SEI	010
Profitronic	010, 020	Sei-Sinudyne	010
Proline	021, 001, 051, 024, 025	Seleco	003
Prosco	021		005
Prosonic	021	Semp Sentra	009
Protech	010, 009		
ProVision	021	Setron	009
Руе	010	Sharp	007, 040, 102
Quasar	021	Shintom	009,011
Quelle	010	Shivaki	003
Radialva	010, 003, 009, 007	Shogun	020
Radiola	010	Siemens	010, 003, 024, 011
Radionette	003, 102	Siera	010
RadioShack	003, 001	Silva	003
Radix	003	Silva Schneider	102
Randex	003	Silver	021
RCA	024, 007, 004, 020	SilverCrest	051
Realistic	003, 001, 011, 007	Singer	009, 006
Reoc	028	Sinudyne	010, 029
RFT	009	Smaragd	028
Roadstar	010, 021, 003, 009, 020, 068	Sonneclair	009

Sonolor	007	Topline	028
Sontec	021,003	Toshiba	010, 029, 006, 005, 030, 068
Sony			
Soundwave	001, 002, 012, 095, 112	Totevision	003, 020
	003, 028	Towada	009
Ssangyong	009	Tradex	010
Standard	021	Uher	020
Stern	021	Ultravox	021
Sunkai	021, 028	Unitech	020
Sunstar	011	United	028, 068
Suntronic	011	Universum	010, 003, 028, 001, 011, 012, 020,
Sunwood	009		102
Supra	003	Vector	006
Sylvania	010, 001, 005	Victor	008
Symphonic	001, 044	Video Concepts	006
Tandberg	021	Video Technic	001
Tandy	001, 011	Videomagic	003
Tashiko	010, 003, 001, 007, 020	Videosonic	020
Tatung	010, 028, 001, 029, 007, 005	Villain	001
Tchibo	028	Wards	010, 001, 009, 006, 007, 004, 020
тсм	028	Watson	010, 051, 029
Теас	003, 001, 051	Weltblick	003
Тес	009	Wharfedale	044
Tech Line	009	White Westinghouse	021,009
Technics	010, 019	World	028
TechniSat	028	XR-1000	001, 009
Technosonic	029	Yamishi	021,009
Teknika	003, 001	Yokan	009
Telefunken	021, 024, 025	Yoko	003, 009, 020
Telerent	019	Zenith	050, 001
Teletech	021, 001, 009	ZX	028, 029
Tenosal	009		/VCR Combo
Tensai	021, 003, 001, 009	Aiwa	001, 029, 068, 102
Tevion	028, 051	Alba	029
Texet	021		
Thomas	001	Amstrad	001
Thomson	021, 024, 008, 025	Beko	011
Thorn	003, 011	Bestar	021
тмк		Blue Sky	021, 029, 068
	020	Bush	029, 068

Citizen	021	Portland	050
Colt	009	Radiola	010
Daewoo	021,050	RCA	007, 020
Dantax	029, 068	Saba	024
Emerson	021,050	Samsung	030, 020, 068
Ferguson	021, 001, 025, 068	Sansui	001
Fidelity	001	Sanyo	020
Firstline	021	Saville	029
Funai	001	Schneider	010, 001
GE	007, 020	Sears	003, 001
GoldStar	003, 031	SEG	050
Goodmans	021, 050, 029, 068	Sharp	007
Grandin	021, 068	Siemens	010
Grundig	010, 029, 068	Sinudyne	029
Hanimex	029	Sony	001, 002, 112
Harley Davidson	001	Sylvania	010
Hinari	029	Symphonic	001
Hitachi	001	Tatung	029
Hypson	003	Teac	001
Internal	021,050	Technics	010
JBL	021	Technosonic	029
JMB	029	Telefunken	021
Kneissel	021, 029	Thomas	001
LG	003, 031	Thomson	021,025
Lloyd's	001	Toshiba	029, 030, 068
Magnasonic	021, 044	United	068
Magnavox	010, 001	White Westinghouse	021
Magnin	020	Zenith	011
Matsui	029, 068		
Medion	029		
Memorex	003		
MGA	020		
Mitsubishi	010, 007		
Orion	029, 068		
Pace	029		
Pacific	068		
Penney	003, 020		
Philips	010		

5. Audio & AUX Code List

Brand	Code	Arcam	044
	Amplifier	ASCOMTEC	071
Acoustic Solutions	078, 082, 084, 094	Audiolab	043
Cambridge Audio	106	Audiosonic	071
Curtis Mathes	014	Audiotronic	043
Denon	012	Bang & Olufsen	028
Durabrand	089, 090	Basic Line	088
Goodmans	093	Belson	071
Hitachi	089	Binatone	071
JBL	042	Blue Sky	072, 087
Logitech	074	Bose	046, 099
Magnat	042	Bush	027
Magnum	094	Cambridge Audio	080, 101
Mustek	093	Cat	071
Optimus	014, 029	CCE	065
Pacific	094	Centrum	045, 071
Pioneer	014, 029	Clatronic	027, 071
RCA	014	Cosmotron	027
Sven	090	Daewoo	076
Tevion	094	Dantax	018, 072
Trice	090	Denon	067, 025, 036, 075
upXus	078	Denver	071
Vieta	042	DiK	027
Yamaha	016, 030	Dual	045, 072
	Accessory	eBench	024, 027
Apple	038	Elta	024, 027, 072
Sony	008	EuroLine	098
Yamaha	121, 122	Fine Arts	043
	Receiver	Firstline	027
Acoustic Solutions	087	Garrard	013, 018
AEG	071,072	Genexxa	010
AFK	071	Global Sphere	098
Aiwa	005, 073	Goodmans	021, 024, 027, 071, 072
Akai	004, 021, 072, 087	Grundig	043, 013, 027, 035, 087
Alba	087, 088	Grunkel	024, 072
All-Tel	072	Hanseatic	072
Amstrad	024, 072	Harman/Kardon	043, 056, 003, 011, 057, 060
Anam	021	Harwood	024

НСМ	072	Onkyo
HE	071	Optimus
Hitachi	088	Orient Power
Hitech	024	Orion
Hiteker	071	Palladium
Home Tech Industries	071	Panasonic
Hyundai	087	
Inkel	020	Paramount Pictures
Intersound	024	PCCW
JBL	056, 057	Philips
JVC	001, 019, 068	Phonotrend
Kenwood	033, 061, 091, 010	Pioneer
Kioto	027	PJ
Kompernass	027	Polk Audio
KXD	071	Prima Electronic
LG	054, 086, 125	Proline
Lifetec	027	ProVision
LXI	024	QONIX
Magnat	071	Radionette
Magnavox	043, 035	Recco
Marantz	043, 049, 031, 035, 053	Redstar
Matsui	024, 027	Revox
МВО	065	Roadstar
Medion	027, 087	Rotel
MEI	072	Samsung
Metz	088	Sansui
Micromega	043	Sanyo
Microstar	027	Schneider
MTlogic	087	Scott
Musicmagic	035	SEG
Mustek	065	Sharp
Mx Onda	024, 027	Sherwood
Myryad	043	Siemens
NAD	015, 021	Silva Schneider
Nexius	072	SilverCrest
Nikkai	071	Sony
Nikkei	024	Coundurate
Norcent	071	Soundwave
NTDE Geniesom	024	Stereophonics
		Sumida

Onkyo	006, 063, 114
Optimus	032, 010, 024
Orient Power	024
Orion	018
Palladium	027, 045, 054, 072, 086
Panasonic	109, 085, 058, 059, 062, 110, 111, 113, 128
Paramount Pictures	045
PCCW	128
Philips	043, 049, 031, 035, 048, 053, 117
Phonotrend	020
Pioneer	052, 032, 010, 039, 081, 097
6J	071
Polk Audio	053
Prima Electronic	027
Proline	027, 072
ProVision	071
QONIX	072, 087
Radionette	054, 100
Recco	027
Redstar	071
Revox	007, 010, 035
Roadstar	027
Rotel	026
Samsung	013, 055, 119, 123, 083
Sansui	021, 035, 098
Sanyo	024
Schneider	003, 024, 045, 072
Scott	071
SEG	088
Sharp	010, 022, 070, 100
Sherwood	020, 022
Siemens	021
Silva Schneider	027, 072, 086
SilverCrest	087
Sony	040, 034, 047, 103, 107, 037, 066, 077, 079, 096, 108, 116, 118, 124
Soundwave	021
Stereophonics	032
Sumida	024

Sunfire	061	United	072, 098
T+A	050, 105	Universum	013, 021, 024, 027, 045, 072, 076,
TAG McLaren	043		095
Tandberg	088	Venturer	027 ,072
Targa	054	Vestel	088
тсм	027	Victor	001
Teac	018, 021	Waitec	065
Technics	109, 085, 058, 059, 011, 110	Watson	027
Techwood	088	Wellfund	024
Tedelex	098	Welltech	027
Tevion	071	Wharfedale	072
Thorens		Xenius	072
	043	Yamaha	009, 002, 010, 017, 023, 041, 051,
Thorn	024		064, 069, 112, 115, 120
Tokai	072	Yukai	065
Toshiba	092	Zenith	024

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Problem Check List

- 1. Please check the **Trouble Shooting** section first when problem occurs. Website: **http://www.humaxdigital.com/au**
- 2. Read the description below and mark the type of problem you have before calling HUMAX Customer Service.

	Description	Check
AC & DC Power	No power when using AC power	
AC & DC Power	No power caused by physical damage	
	System does not boot up - Freezes on initial screen (with front LED on)	
	Cannot wake up from standby	
	Cannot power off	
STB (Product) Operation	Frozen picture (while system is operating)	
-p	Flickering / snowy / black / blue screen	
	Broken OSD (menu) display	
	Reboots unintendedly (while operating)	
	Dolby Digital : Optical	
	No audio - (RCA, HDMI OUT). Please check the output port.	
Audio	Excessive / low audio level	
Audio	Audio does not mute	
	Distorted / unbalanced audio or popping noise in audio	
	Audio delay / Lip-sync problem	
Video	No video - (RCA, HDMI OUT). Please check the output port.	
	No HDTV, UHF,VHF reception. Please check the input port.	
Channel Searching	Incorrect channel tuning	
j	No OTA software reception	
Remote Control	No remote control operation	
Event Disales	Error code appears in display. Please enter the error code.	
Front Display	Front display dim (no display)	
	Faulty teletext	
	Faulty EPG reception or functional problem	
UI	Faulty operation of parental lock (keylock function)	
(User interface)	Faulty clock function	
	Faulty channel editing function	
	Faulty search function (language / subtitle / chapter)	
Accessory	Missing accessory	

	Description	Check
Network	MAC address is missing or incorrect	
	IP address is missing or incorrect	
	USB interface problem	
	Cannot erase recording files	
	Cannot playback recording files	
Recording	Recording file gets erased unintendedly	
	HDD formatting problem	
	Other recording / playback problem	
	Damaged top cover (STB only)	
Physical Damage	Damaged bottom case	
	Damaged front / door	
	Damaged /not working front key button	
	Damaged plug / socket / terminal / connector /card holder / RF	
Pay Channels	Cannot watch pay channels. Make sure that the electronic chip on the Smartcard is facing the correct direction.	

Note: The contents of the Problem Check List may differ according to the product specification.

Other issues : Please write in the blank below.

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