HD Digital Receiver

User's Manual

The default password is 0000.

HUMAX

Contents

Accessories

Remote Control
& Batteries
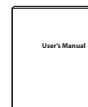
Manual

Scart Cable
(HD-5400S)

HDMI Cable
(HD-5600S, TivuMax Pro)

Note: This accessories may vary according to
area.

Front & Rear

Note: The image may differ from the actual product.

STANDBY
Switches between operation and standby modes

STANDBY
TV
RADIO
TV/RADIO
CH+
CH−
RESET
5V⎓0.5A

USB Port
Connect a USB storage device.

13/18V⎓
500mA Max.
LNB IN   LNB OUT
TV SCART   SPDIF   HDMI   ETHERNET
OFF   ON

① ② ③ ④ ⑤

1 **LNB IN:** Connect a satellite antenna cable.
   LNB OUT: Connect another digital satellite receiver.
2 **TV SCART:** Use a TV SCART cable to connect to the TV.
3 **SPDIF:** Use an S/PDIF cable to connect to the audio system for digital audio.
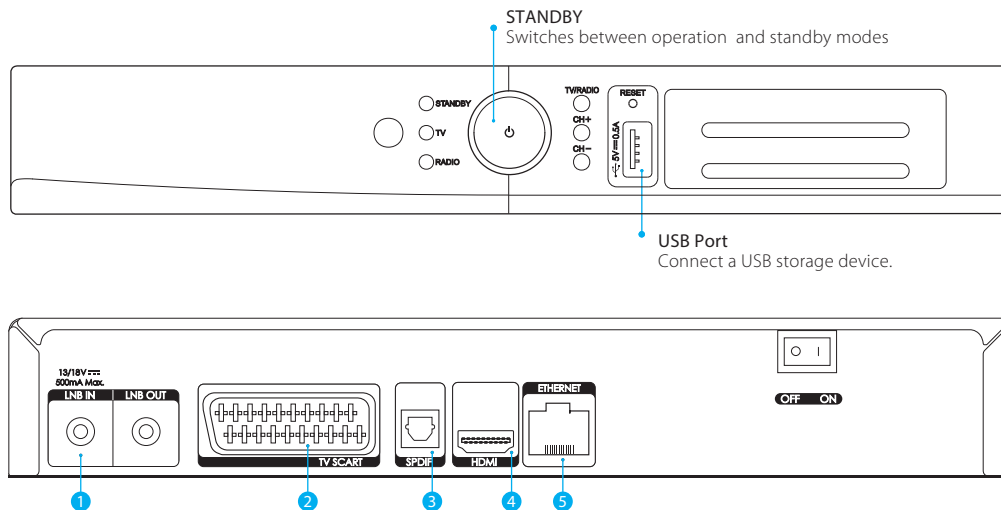4 **HDMI:** Use an HDMI cable to connect to the TV.
5 **ETHERNET:** Connect a LAN cable.

Inserting the Smartcard

1. Hold the Smartcard horizontally with the electronic chip facing downwards.
2. Insert the Smartcard into the slot.
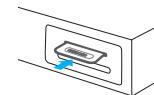
Note:
- Smartcard: Insert a Smartcard.
- Tivù Card Only : Insert a tivùsat Smartcard.

Remote Control

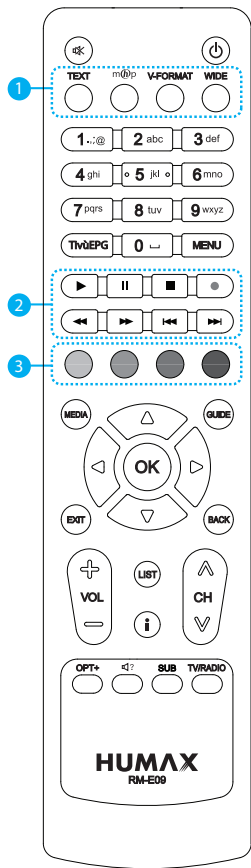|		
	MUTE	Mutes audio
	STANDBY	Switches between operation and standby modes
1	TEXT	Enters the digital text service
	mhp	Displays MHP application information
	V-FORMAT	Sets the resolution of screen
	WIDE	Sets the display format
	NUMERIC	(0-9)
	TivùEPG	Currently not supported
	MENU	Displays the main menu
2	Playback Control Buttons	
3	COLOUR Buttons	For interactive applications
	MEDIA	Displays the media list
	GUIDE	Displays the programme guide
	ARROW Buttons	Moves the cursor up, down, left or right
	OK	Selects a menu or confirms
	EXIT	Exits all On-Screen Display (OSD) screens
	BACK	Returns to the previous channel or the previous screen
	VOL +/-	Changes the audio volume
	CH ∧/∨	Changes the channel or page
	LIST	Displays the channel list
	i (Information)	Displays the channel and programme information
	OPT+	Displays the channel attributes

	AUDIO	Changes the audio language
	SUBTITLE	Changes the subtitle language
	TV/RADIO	Switches between TV and radio modes

Inserting Batteries

Insert the batteries matching the plus(+) and minus(-) at each end.
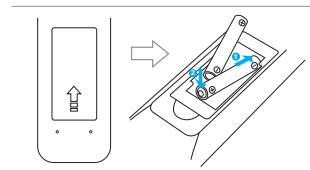
Customer Information

Concerning the "Application of the Directive 2008/103/CE regarding batteries, accumulators and the related waste disposal."

Your remote control needs 2 batteries AAA type, 1.5VDC. The batteries included don't contain mercury (Hg), cadmium (Cd) or lead (Pb).

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

Connections

This section describes how to connect your product to match your particular devices and to gain optimum signal quality.

Warning: Connect all devices before you plug any power cords into the wall outlet. Always turn off the product, TV and other devices before you connect or disconnect any cables.

Note: If you encounter any problems setting up your product, please contact your local retailer or HUMAX Customer Service.
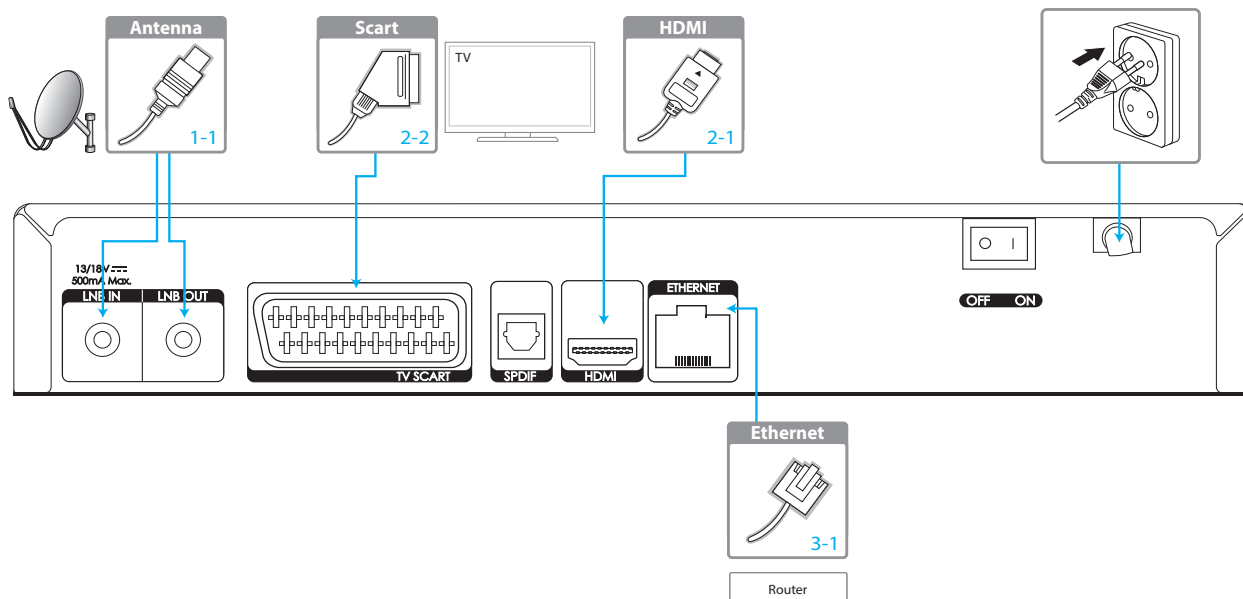
Connecting the Antenna

1-1 Connecting an antenna cable

Connect the antenna to LNB IN.

Connecting the TV

2-1 Using an HDMI cable

For the best picture quality, use an HDMI cable to connect to the TV.

2-2 Using a SCART cable

For good picture quality, use a SCART cable to connect to the TV.

Note:
- Use an S/PDIF cable to connect to the audio system for digital audio.
- Programmes restricted by Digital Rights Management (DRM) may not be viewed via the HDMI cable. You cannot use an HDMI cable for programmes that use DRM. For such programmes, use a SCART or composite cable.

Connecting the Network

3-1 Connecting to the LAN

1. Use the Ethernet cable to connect the product and the LAN router.
2. Set the options for the LAN. (Refer to *System>Internet Setting for details*.)

Powering On

1. Connect the power cord of the product to a wall outlet.
2. Make sure that 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 panel.

Wizard

The installation wizard operates automatically when you power on the product for the first time or do factory default in menu.

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, go to **MENU > Settings > Installation** and search for more channels.

1. Language

Select your language.

2. Display

Set the video output to your TV.

3. Automatic Channel Numbering

Set channels to be numbered automatically by broadcaster.

4. Search Channels

Select the type of channel search.
- **Automatic Search**: Search all channels of HOT BIRD (13.0E) automatically.
- **Skip**: If you have SCD or motor antenna, skip the search process and go to **MENU > Settings > Installation**.

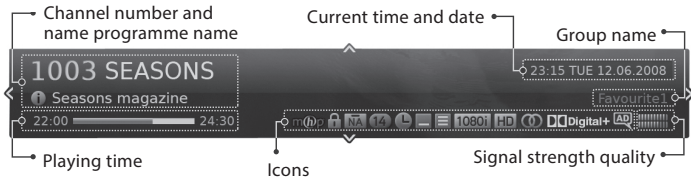## 5. Automatic Search

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

6. Result

The result of the installation wizard will display. Select **Finish** to exit the wizard.

Programme Information (i-Plate)

The i-plate is an information banner that is displayed for a few seconds whenever you change channels. Press the **i** button while you watch a programme to display the i-plate. Press the **EXIT** button to hide it.

Channel number and name programme name

Current time and date

Group name

1003 SEASONS
Seasons magazine
22:00   24:30
23:15 TUE 12.06.2008
Favourite 1

Playing time

Icons

Signal strength quality

(i)	*Detailed programme information* Press the **i** button again while the i-plate is displayed.
◄◉►	*Previous/next programme information* Press the ◄/► button while the i-plate is displayed. Press the **OK** button to set reminders or recordings for future programmes.
▲◉▼	*Programme information of other channels* Press the ▲/▼ button while the i-plate is displayed. Press the **OK** button to change to the selected channel.

Icons

🔒	Locked programme
▬	Scrambled programme (CAS icons)
14	Parental level (minimum age for viewing)
HD	HD programme
1080i	Resolution
🕐	Scheduled programme (Red: Record, Blue: Reminder)
AD	Audio description
▬	Subtitle
▤	Teletext
mhp	MHP application
⊕⊕	Multiaudio
4:3	Screen ratio
◻◻D ◻◻D+	Dolby Digital audio Dolby Digital Plus audio

Note: Setting recordings is available only when the external hard disk drive is connected for recording.

Channel List

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 channel will change.
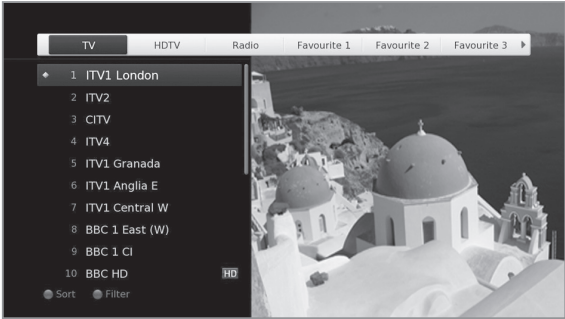
(button icon)	*Changing Group* Press the ▶ button to display the channel groups. **(tivusat, TV, HDTV, Radio, Favourite 1~5 , Recent)**
RED	*Sorting Channels* Press the **RED** button to sort the channels in numerical or alphabetical order.
GREEN	*Filtering Channels* Press the **GREEN** button to filter the channels according to the channel type in **TV** or **Radio** list. **(Satellite, Pay Channel, All)**

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

Editing Channels in Channel List

Select a channel you want to edit and press the **YELLOW** button.

Favourite	*Setting Favourite Channels* Select a favourite group you want to move the channel to and press the **OK** button. To remove a channel from a favourite group, select the group and press the **OK** button again.
Lock	*Locking Channels* Select **On** or **Off**.
Delete	*Deleting Channels* Press the **OK** button.
Rename	*Renaming Channels* Press the **OK** button and enter the name in the keyboard.

Note:
- The default password is 0000. If you have forgotten your password, please contact your local distributor.
- To edit multiple channels, go to **MENU > Settings > Edit Channels**.

Edit Channels

Editing tivùsat Channel

| MENU | > Settings > **Edit Channels** > **Edit tivùsat Channel List**

Edit tivùsat Channel List will help you delete, move, lock or rename tivùsat channels.

Group name Marked/Total channels

Function buttons
: Coloured or **OPT+** button

Note:
- 🔒 : Locked channel, ▥ : Scrambled channel (CAS icons)
- Press the **i** button to view the detailed channel information.
- Press the **TV/RADIO** button to switch between **TV** and **Radio** groups.
- 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 the broadcaster cannot be deleted or moved.

⬤ **RED**	*Deleting Channels* Select the channels using the ▲/▼ and **OK** button and press the **RED** button.
⬤ **GREEN**	*Renumbering Channels* You can renumber channels only when **Automatic Channel Numbering** is set to **On**.
⬤ **YELLOW**	*Changing Group* To list the channels of other groups, press the **YELLOW** button and select a group you want.
⬤ **BLUE**	*Changing Background* You can change the channel displayed in the background while editing. Select the channel you want to watch and press the **BLUE** button.
OPT+	*Locking / Unlocking Channels* *Renaming Channels* *Selecting / Releasing All Channels*

Editing Channel

MENU > **Settings** > **Edit Channels** > **Edit Channel List**

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

Group name   Marked/Total channels

Function buttons
: Coloured or **OPT+** button

Note:
- 🔒 : Locked channel, ▧ : Scrambled channel (CAS icons)
- Press the **i** button to view the detailed channel information.
- Press the **TV/RADIO** button to switch between **TV** and **Radio** groups.
- 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 the broadcaster cannot be deleted or moved.

⬤ **RED**	*Deleting Channels* Select the channels using the ▲/▼ and **OK** button and press the **RED** button.
⬤ **GREEN**	*Renumbering Channels* You can renumber channels only when **Automatic Channel Numbering** is set to **On**.
⬤ **YELLOW**	*Changing Group* To list the channels of other groups, press the **YELLOW** button and select a group you want.
⬤ **BLUE**	*Changing Background* You can change the channel displayed in the background while editing. Select the channel you want to watch and press the **BLUE** button.
⬤ **OPT+**	*Locking / Unlocking Channels* *Renaming Channels* *Selecting / Releasing All Channels*

Editing Favourite List

MENU > Settings > Edit Channels > Edit Favourite List

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

Group name
Marked/Total channels   Favourite group name

Settings • Edit Channels • Edit Favourite List

		TV	1/7			Favourite 1
☐	3	CITV		1	ITV1 London	
☑	4	ITV4		2	ITV2	
☐	5	ITV1 Granada		10	BBC HD	
☐	6	ITV1 Anglia E		11	6945	
☐	7	ITV1 Central W				
☐	8	BBC 1 East (W)				
☐	9	BBC 1 CI				

● Add   ● Group   ● Favourite   ● Preview   **OPT+** Function

Function buttons:
Coloured or **OPT+** button

Note:
- 🔒 : Locked channel, ▨ : Scrambled channel (CAS icons)
- Press the **i** button to view the detailed channel information.
- Press the **TV/RADIO** button to switch between **TV** and **Radio** groups.
- 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 the broadcaster cannot be deleted or moved.

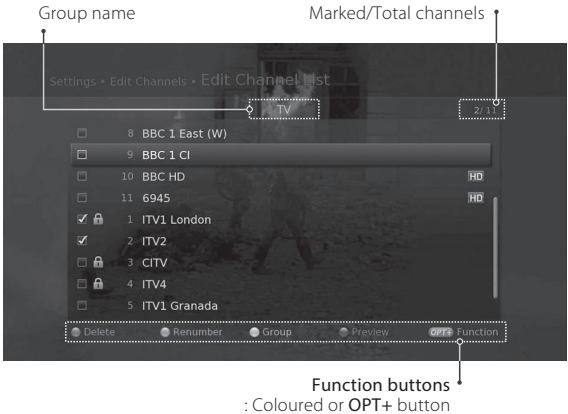|	
⭕ RED	*Adding Favourite Channels* Select the channels to add using the ▲/▼ and **OK** button in the left column and then press the **RED** button. The added channels will be listed in the right column. *Removing Favourite Channels* Select the channels to remove from the right column using the ▲/▼ and **OK** button and then press the **RED** button.
⭕ GREEN	*Changing Group* To list the channels of other groups in the left column, press the **GREEN** button and select a group you want. (**TV, Radio, HDTV**) *Moving Favourite Channels* Select the channels using the ▲/▼ and **OK** button in the right column and then press the **GREEN** button.
⭕ YELLOW	*Changing Favourite Group* To list the channels of other favourite groups, press the **YELLOW** button and select a group you want.
⭕ BLUE	*Changing Background Channel* You can change the channel displayed in the background while editing. Select the channel you want to watch and then press the **BLUE** button. The background channel will change.
OPT+	*Renaming Favourite Groups* *Selecting / Releasing All Channels*

Automatic Channel Numbering

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

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

Note: Whenever you change the value, channels will be searched again.

Renew Channel Numbers

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

You can renew the channel numbers you edit.

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

TV Guide

You can access the TV guide in several ways.
• Press the **GUIDE** button.
• Press the **MENU** button and select **TV Guide**.

Information of the selected programme
current number & name, programme name, simple information, favourite group, network type, and icons

Preview

Current time and date

TV Guide		02:16 SUN 23 AUG 2009
4 ITV4		
Real Vice Cops		TV
Going well beyond the call of regular law enfor...		
SUN 23 AUG 01:55 - 02:40		

SUN 23 AUG	02:00	03:00	04:00
4 ITV4	Real Vice Cops	...	
5 ITV1 Granada	The Pianist	Holly ...	
6 ITV1 Anglia E	The Pianist	Holly & ...	
7 ITV1 Central W	The Pianist	Holly & ...	
8 BBC 1 East (W)	Jay and Silent...		
9 BBC 1 CI	Jay and Silent...		
10 BBC HD	BBC HD Preview		

● Guide ● Find ● Schedule ● Group

Function buttons: Coloured button

Time bar

Note:
• Press the **i** button to view the detailed programme information.
• 🔴 : Scheduled programme (Red: Record, Blue: Reminder),
  🔘 : Recording programme, ◆ : Present time

Watching Programmes

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

Note:
• If the programme conflicts 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 your local distributor.
• Go to *Scheduling Reminders and Recordings* to reschedule reminders or recordings.
• Setting recordings is available only when the external hard disk drive is connected for recording.

Quick Navigation

Press the ◀/▶ button to move to the previous/next programme.
Press the ◀◀ / ▶▶ button to jump back/ahead two hours.
Press the I◀◀ / ▶▶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 for specific programmes, go to **Find** by pressing the **GREEN** button.

Finding Programmes

Find will help you find the programmes more specifically according to 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.

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

By Genre

1. Press the **GREEN** button.
2. Select **Genre** and press the ▶ button.
3. Select a genre and press the **OK** button.
4. Select the specific genre and press the **OK** button.

Note:
- Press the **i** button to view the detailed programme information.
- Press the **OK** button to watch a found programme.
- You can set reminders or recordings for future programmes.

Scheduling Reminders and Recordings

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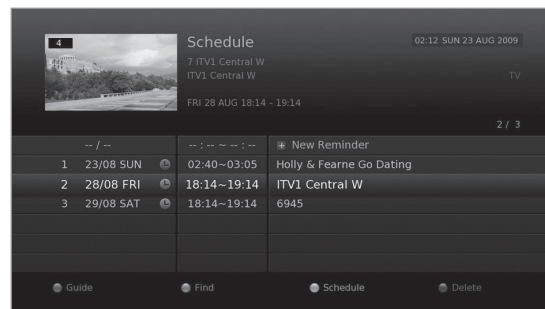
1. Press the **YELLOW** button.
2. You can add, edit or delete your reminders or recordings.
   - To add, select **New Reminder** and press the **OK** button.
   - To edit, select a reservation and press the **OK** button.
   - To delete, select a reservation and press the **BLUE** button.
3. **Reservation**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

Note:
- Press the **i** button to view the detailed programme information.
- You can easily set reminders or recordings in **TV Guide**, **Find** or i-plate navigation mode.
- Setting recordings is available only when the external hard disk drive is connected for recording.

Recording

You can record programmes to the external hard disk drive and play back the recorded programmes whenever you want.
This function is available only when the external hard disk drive is connected to the product via the USB port.

Connecting the External Hard Disk Drive

When you connect the external hard disk drive for the first time, you will be prompted to format the hard disk drive or assign it for recording purpose.

1. Connect the external hard disk drive to the USB port.
2. Go to **Settings > System > Data Storage** to format the hard disk drive or assign it for recording purpose.
   Formatting may take several minutes depending on the size of the hard disk drive.

Note:
• You cannot record programmes to the USB memory stick.
• It is recommended to use external hard disk drives under 500GB.

Instant Recording

You can record the current programme instantly and change the recording duration.

Press the **RECORD** button to record the current programme instantly.
The recording will start from the current broadcast point and the record banner will display for a few seconds.
Press the **STOP** button to stop recording.

The recording will continue till the end of the current programme. However, if the programme ends within 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.

Changing Recording Duration

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

Scheduled Recording

You can easily set recording reservations in **TV Guide**, **Schedule** or i-plate navigation mode.
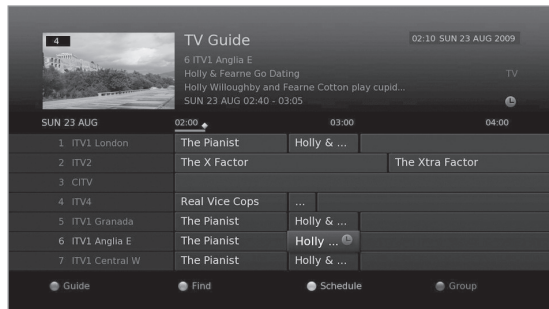
- Select a future programme and press the **OK** button in **TV Guide**.
- Select **New Reminder** and press the **OK** button in **Schedule**.
- Press the **OK** button on a future programme in i-plate and select **Record**.

The recording will start at the scheduled time and the record banner will display for a few seconds.
Press the **STOP** button to stop recording.

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 programme to display the i-plate.
- Setting recordings is available only when the external hard disk drive is connected for recording.

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, start time, end time, repeat and mode.
- To delete, select a reservation and press the **BLUE** button.

Recording Conflict

Recording Duration Conflict

When an instant recording conflicts with a scheduled recording (or reminder), you can either
- Adjust the recording duration automatically.
- Cancel the scheduled recording (or reminder).
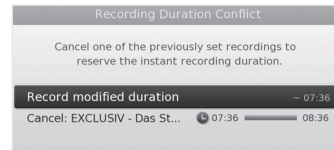
Watching Conflict

If a scheduled recording is about to start while you are watching one programme, 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 the previously set recording (or reminder), you will be prompted to select the programme you want to keep.

Setting Padding / Jump Time

MENU > Settings > Preferences > Recording

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.
- **Time Shift Recording :** Time shift recording starts when the channel is changed.

Note:
- The record banner will be displayed with the i-plate whenever you press the **i** button.
- You can change the recording duration by pressing the **RECORD** button during instant recording or by going to **MENU > TV Guide > Schedule** for scheduled recording.
- The recording will stop if you press the **STANDBY** button while recording. The scheduled recording will start even in standby mode if the external hard disk drive is recognized.
- While watching a recorded 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.
- Make sure that there is enough free space before recording. If there is no sufficient space on the hard disk drive, the recording will stop.
  The space for recording a 1 hour programme may differ depending on the programme.
- To view the recorded programme list, press the **MEDIA** or **MENU** button and select **Video**.

Playback

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

Note:
• Make sure that the external hard disk drive is connected correctly before playback.
• Please do not disconnect or turn off the external hard disk drive during playback. If the external hard disk drive is suddenly separated or unplugged, the playback will stop and go to live TV.

Playing Recordings (Video)

You can access the recorded programme 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.

Play Status   Present time
Start time   01:42
00:00   02:16
Play pointer   Total Time

You can perform fast rewind, fast forward, slow motion and pause while playing back a recorded programme. The green playbar is displayed when you press ▶, ▶▶, ◀◀, |▶, ‖ the button during playback.

Note: Enter the time directly using the **NUMERIC** buttons to jump to the accurate location.

Playback Controls

▶	Play
‖	Pause the scene.
■	Stop playback and go to live TV.
◀◀	Rewind
▶▶	Fast Forward
|◀◀	Move to the previous chapter and replay scene.
▶▶|	Move to the next chapter and skip scene.

Note:
• Chapters are made by dividing the recorded programme into eight portions.
• Refer to *Media List > Using Video List* for more details about the recorded programmes.

Pausing and Rewinding Live TV (TSR)

Time Shifted Recording (TSR) allows you to pause a live broadcast and return later where you left off.
The TSR function temporarily saves the programmes you watch to the connected hard disk drive automatically.
TSR lasts for 120 minutes.

To pause the programme you are watching

Press the ❚❚ button. Press the ▶ 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 ■ button to close the time gap and go to live programme.

To rewind and watch missed scenes

Press the ◀◀ button. Press the ▶ button at the point where you want to start watching. You can pause, rewind or fast forward within the programme.
You can fast rewind back to the start point. If you reach the start point while rewinding, the programme automatically plays at normal speed.

To fast forward and skip scenes

Press the ▶▶ 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 rewind. You can fast forward up to the current broadcasting point. If you reach the live broadcasting point while fast forwarding, the programme automatically plays at normal speed.

Note: Fast forwarding and jump may not function in programmes restricted by DRM.

Media List

You can play video, music or photo files stored in USB storage devices or Home Network compliant devices.

You can access the media list in several ways.

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

Switching Media

1. Press the **YELLOW** button.
2. Select the media type and press the **OK** button.
   • **Video, Music, Photo**
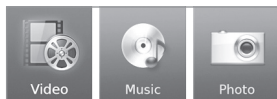
Switching Storage

1. Press the **BLUE** button.
2. Select the storage and press the **OK** button.
   • **USB:** Displays each partition of the connected USB storage devices. Select a USB.
   • **Network:** Displays the connected Home Network server devices. Select a server.

Note:
- The USB ports on your product supply 800mA in total. This 800mA is shared among all devices connected to the product.
- Make sure to connect the power if you use the USB storage device which requires an external power supply.
- If the USB storage device is connected in standby mode, it will automatically be recognised when the product is turned on.
- Do not disconnect the USB storage device during playback, the stored files or the USB storage device may be damaged.
- USB storage devices below USB 2.0 are supported, but they may not work properly.
- The network icon is displayed only when the network is connected.
- HUMAX cannot guarantee compatibility with all USB storage devices and assumes no responsibility for any loss of data.

Using the Home Network Media Server

Your receiver is a home network compliant device capable of sharing media files with other home network 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.

Connecting to Home Network

1. Connect the receiver to your home network by connecting to the router.
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.)

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.

Note:
- Home network 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.

Home Network

Media Server

Media Player

Receiver

Router

PC

NAS

TV

PVR
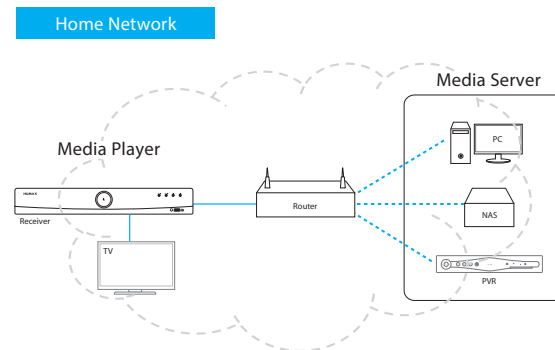
Using Video List

You can play TV/radio recordings or Video files stored in the connected USB storage device or the Home Network compliant devices.

Press the **MENU** button and select **Video**.

Path   Storage

Media - Video
USB | My Video / Favorite

USB
Free Storage
350GB

Upper Folder

✓ Drama-2008
36 Files

⊙ Finding Nimo   ND NA HD
22:45   04/13   120mins   55 KABEL1

▷ Whatever Will Be Will Be   🔒 NA
03:12   04/16   60mins   1003 START

AVI Matrix.Reloaded.2003.XviD.AC3.CD2.avi
07:43   03/27

1 / 100

● Release   ● Select All   ● Media   ● Storage   OPT+ Function

Video file   Playing file
New recorded file   **Function buttons:**   Recording file
                     Coloured or **OPT+** button

Note:
- ⊙ : Recording icon, ▷ : Playing icon, HD : HD icon, ▥ : CAS icon,
  🔒 : Lock icon, 🗓 : DRM (Digital Rights Management) expiration icon
- Make sure that the USB storage device or network is connected correctly before using Media List.
- 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.

Playing Files

Select a file and press the **OK** or **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 **OK** or **PLAY** button.
You can perform 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.

Note:
- You will be prompted to enter the password when you play the locked files.
- Files with DRM (Digital Rights Management) expiration dates may expire if you do not watch it before the written date.
- Some playback control buttons may not function depending on the contents.

Editing Files   OPT+

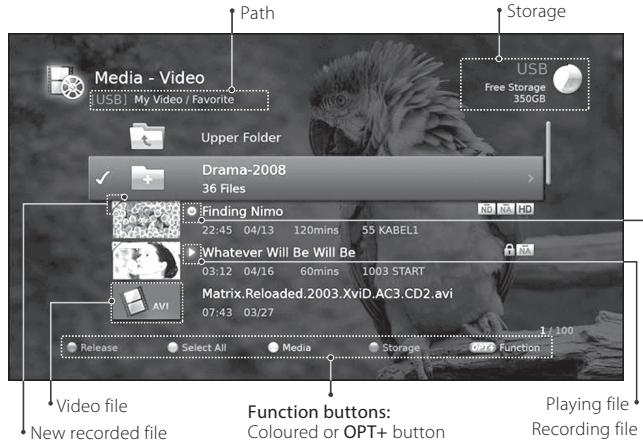|	
Sort	*Sorting Files* You can sort the video files in alphabetical or time order.
Delete	*Deleting Files* Select **Yes** and press the **OK** button.
Lock Unlock	*Locking Files* Enter the password.
Move (Copy)	➤ *Moving the files within the same storage:* Select the folder you want to move the files to and press the **OK** button. ➤ *Copying the files to another storage:* Select the storage and then select the folder to copy the files to. *Note:* - When you move a locked file, you will be prompted to enter the password. - When you move a file to another storage, the file will be copied. However, you cannot copy recorded programmes to other storages.
Rename	*Renaming Files* Enter the name of the file in the keyboard and press the **YELLOW** button.
New Folder	*Creating New Folder* Enter the name of new folder in the keyboard and press the **YELLOW** button.

Using Music List

You can play music files stored in the connected USB storage device or the home network compliant devices.

Press the **MENU** button and select **Music**.

Path   Storage

Media - Music
[USB] HTS545032B9A300/Music/

USB
Free storage
296 GB available

📁 Upper Folder
002 I Wanna Go - Britney Spears(□□□□ □□□□)....	03:30
009 Born This Way - Lady GaGa(□□□ □□).m...	04:20
01 The rose of tralee.mp3	03:26
02 Kean tha depsqsees.mp3	03:14
03 Tiger in the night.mp3	03:43
04 How can I keep from singing.mp3	03:10
05 My son.mp3	05:25
Chiquitita.mp3	04:53

Title
Born This Way
Artist
Lady GaGa( )
Album
[] 2011 4 2 □ Top 100

3/10

● Select   ● Select All   ● Media   ● Storage   **OPT+** Function

Function buttons:
Coloured or **OPT+** button   Title, Artist, Album

Playing Files

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

Music Player

The music player displays during playback.

3:49 / 6:16   Repeat

I want to Hold Your Hand
T.V Carpio
Across the Universe
Sound Track
2008

Play Mode

OK	Plays or pauses
▶	Plays
❚❚	Pauses
◀◀	Plays the previous file
▶▶	Plays the next file
◀◀❙	Plays the first file
❙▶▶	Plays the last file
RED	Changes the play mode (once, repeat, repeat all, shuffle)
■	Stops the music player and displays the list
EXIT	Exits the music player and goes to live TV

Editing Files

You can delete, move or rename the music files. Refer to *Using Video List > Editing Files*.

Using Photo List

You can play photo files stored in the connected USB storage device or the home network compliant devices.

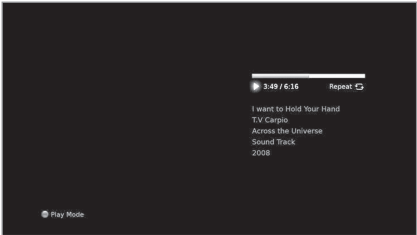Press the **MENU** button and select **Photo**.

Path   Storage

Media - Photo
[USB] HTS545032B9A300/Photo/

USB
Free storage
296 GB available

012.jpg
013.jpg
015.JPG
016.JPG
2_52.jpg
6_3.jpg
6_32.jpg
6_49.jpg
S_7.jpg

10/11

Select   Select All   Media   Storage   OPT+ Function

Function buttons: Thumbnail
Coloured or **OPT+** button
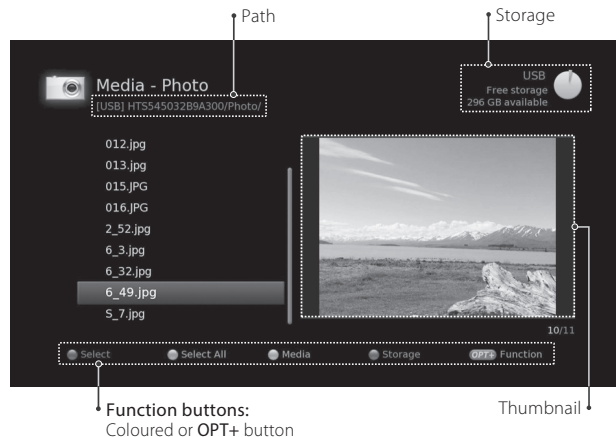
Photo Slideshow

Select a file and press the **OK** or **PLAY** button. All files in the folder will display successively.
To slideshow the selected files only, select the files using the **RED** button and press the **OK** or **PLAY** button.
The information banner displays while slideshow is paused.

OK	Plays or pauses
▶	Plays
⏸	Pauses
◀◀	Shows the previous photo
▶▶	Shows the next photo
⏮	Shows the first photo
⏭	Shows the last photo
■	Stops slideshow and displays photo list
EXIT	Exits slideshow and goes to live TV

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 are located in using the **RED** button.

3. Select **OK** to save and exit.

Slide Mode

Display Time   5 sec
Music Play   On
Folder   My Music

OK   Cancel

Viewing Photo

Press the **II** button to pause a slideshow and display an information banner and the colour buttons.
You can change a photo using the ◄/► buttons.

RED	**Rotating Anticlockwise** Each time you press the **RED** button, the photo rotates -90 degrees.
GREEN	**Rotating Clockwise** Each time you press the **GREEN** button, the photo rotates 90 degrees.
YELLOW	**Zooming In** Each time you press the **YELLOW** button, the photo is enlarged 100%.
BLUE	**Zooming Out** Each time you press the **BLUE** button, the photo is reduced 50%. The **BLUE** button is activated only when a photo is enlarged.

Editing Files

You can delete, move or rename the photo files. Refer to *Using Video List > Editing Files*.

Preferences
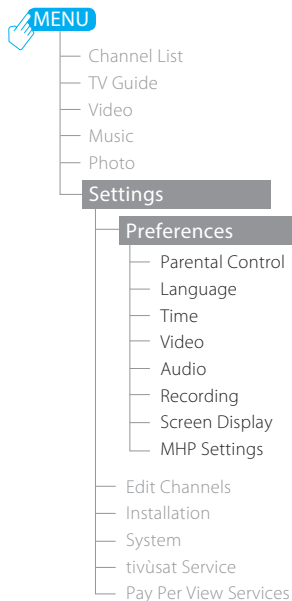
Parental Control

- **Maturity Rating:** You can block the programme if the programme is above the age limit. (**View All, 7,12,14,18, Lock All**)
- **Change STB Password:** Enter a new password.

Note:
- The default password is 0000. If you have forgotten your password, please contact your local distributor.
- Enter the password to view the blocked programmes.

Language Setting

You can set the system language, audio language or subtitle language.

Setting Power On/Off Timer

You can set the time the receiver powers on or powers off.

Note: Make sure the power on timer and power off timer is set differently from each other.

Video Setting

- **Screen Ratio:** You can select the screen ratio of your TV. (**16:9 – 4:3**)
- **Display Format:** You can select the display format according to the screen ratio of your TV.
  - Screen ratio 4:3: **Auto – Letterbox – Centre**
  - Screen ratio 16:9: **Auto – Pillarbox – Zoom**
- **Letterbox & Pillarbox Colour:** You can select the colour of the margin space in Letterbox or Pillarbox mode. (**Black – Gray**)
- **TV SCART:** You can select the video signal output option for the TV SCART.
  - TV SCART: **CVBS – RGB**

Audio Setting

- **Digital Audio Output:** You can select the digital audio signal output. (**Multi-channel – Stereo**)
- **Lip-Sync:** You can adjust the sound difference between audio and video.

Screen Display

- **Info Display Time:** You can set the duration the i-plate is displayed whenever you change the channel. (**Off – 1~20 sec**)
- **Transparency:** You can set the transparency of the On-Screen Display. (**Off – 25% – 50% – 75%**)
- **Subtitle Font:** You can set the subtitle font. (**Variable – Fixed**)

MHP Settings

- **Display by MHP App:** Display i-plate when changing channels.
- **Show MHP Logo:** Display MHP logo.
- **Auto-Start MHP App:** Start interactive MHP application automatically.
- **Tivù EPG:** This menu is not currently supported.

Search Channels [Fixed Antenna – LNB Only]

Installation allows you to configure your antenna and search the TV and radio channels.

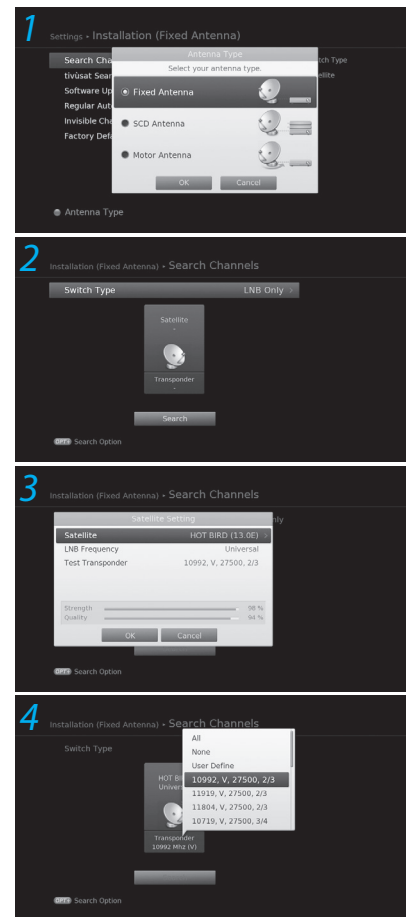## When you use the fixed antenna and LNB switch only,

MENU > Settings > Installation

1 Press the **RED** button and select **Fixed Antenna**.
   Select **OK** to save and exit.
2 Select **Search Channels** and press the **OK** button.
   Select **Switch Type** and select **LNB Only**.
3 Select a satellite figure and press the **OK** button.
   • **Satellite:** Select the satellite.
   • **LNB Frequency:** Select the LNB frequency.
   • **Test Transponder:** Check the signal status of each transponder and select the one with the best quality.
   Select **OK**.
4 Select **Transponder** under the activated satellite figure and press the **OK** button.
   Select a value in the transponder list.
5 Select **Search** and press the **OK** button. The found channels will be listed.
6 When the search is completed, select **Save** and press the **OK** button.

Note:
   • Select **User Define** to enter the options directly.
   • Refer to **Setting Transponder** for details in transponder setting.
   • Select **Stop** and press the **OK** button to stop the channel search.
   • All channels will be deleted if you change the antenna type.
   • The default password is 0000. If you have forgotten your password, please contact your local distributor.

Search Channels [Fixed Antenna – DiSEqC]

When you use the fixed antenna and DiSEqC switch,
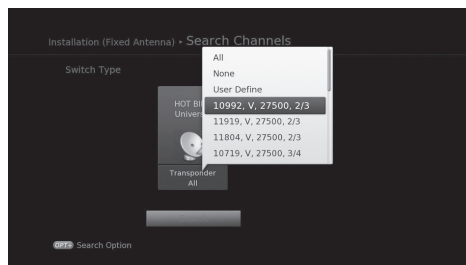
MENU > Settings > Installation

1 Press the **RED** button and select **Fixed Antenna**.
   Select **OK** to save and exit.
2 Select **Search Channels** and press the **OK** button.
   Select **Switch Type** and select **DiSEqC**.
3 Select a satellite figure and press the **OK** button.
   • **Satellite:** Select the satellite.
   • **LNB Frequency:** Select the LNB frequency.
   • **22kHz Tone:** Select **On** when using a 22kHz tone switch box.
   • **DiSEqC:** Select the DiSEqC switch.
   • **Test Transponder:** Check the signal status of each transponder and select the one with the best quality.
   Select **OK**.
4 Select **Transponder** under the activated satellite figure and press the **OK** button.
   Select a value in the transponder list.
5 Repeat the two steps above to set more satellites.
6 Select **Search** and press the **OK** button. The found channels will be listed.
7 When the search is completed, select **Save** and press the **OK** button.

Note:
   • Select **User Define** to enter the options directly.
   • Refer to **Setting Transponder** for details in transponder setting.
   • Select **Stop** and press the **OK** button to stop the channel search.
   • All channels will be deleted if you change the antenna type.
   • The default password is 0000. If you have forgotten your password, please contact your local distributor.
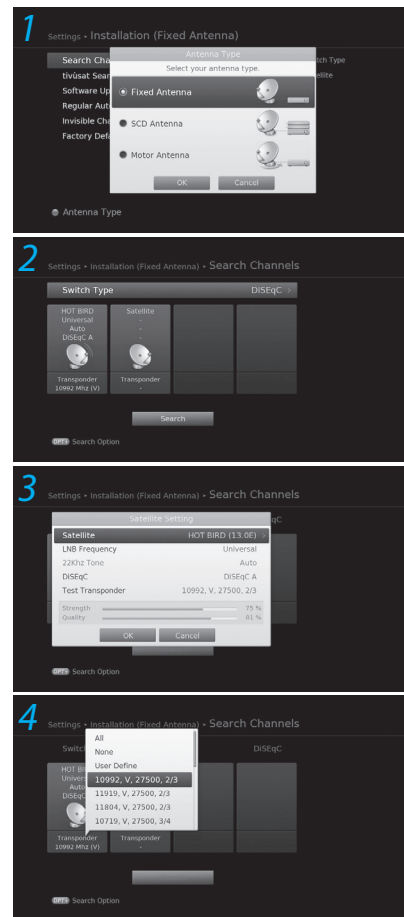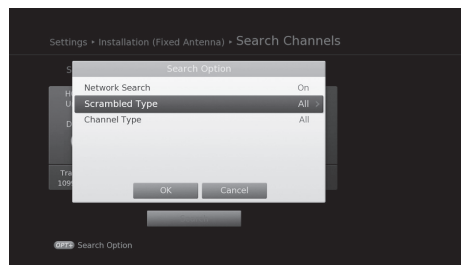
Search Channels

Setting Transponder

The available transponders for each satellite are listed automatically. You can enter the transponder setting options directly if necessary.

MENU > Settings > Installation > Search Channels

1. Select **Transponder** under the activated satellite figure and press the **OK** button. You can also select **Test Transponder** in **Satellite Setting** box.
2. Select **User Define** to enter the options directly.
   • **Frequency:** Enter the frequency of the transponder.
   • **Polarisation:** Select the polarisation of the transponder.
   • **Symbol Rate:** Enter the symbol rate of the transponder.
   • **Transmission:** Select **DVB-S2** for HD broadcasts.
   • **Modulation:** Select **QPSK** or **8PSK** when selecting **DVB-S2** in **Transmission**.
   • **FEC:** Select the FEC of the transponder.
3. Select **OK** to save and exit.

Note: Refer to the following websites for information on the latest transponder frequencies. www.lyngsat.com

Setting Search Options

You can set the search options for more specific search results.

MENU > Settings > Installation > Search Channels

1. Press the **OPT+** button.
2. Set the search options.
   • **Network Search:** Select **On** to receive the latest channel information.
   • **Scrambled Type: All – FTA – CAS**
   • **Channel Type: All – TV – Radio**
3. Select **OK** to save and exit.
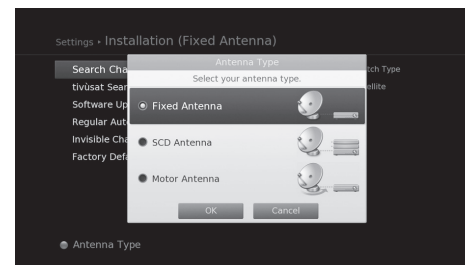
Selecting Antenna Type

Select your antenna type before you search channels.

MENU > Settings > Installation

1. Press the **RED** button.
2. Select your antenna type.
   • **Fixed Antenna**
   • **SCD Antenna**
   • **Motor Antenna**
3. Select **OK** to save and exit.

Note: All channels will be deleted if you change the antenna type.

Search Channels [SCD Antenna]

Single Cable Distribution enables the delivery of broadcast programming over a single cable to multiple users eliminating the numerous cables required to support other electronics devices.
If you are using more than one satellite receiver, set one receiver at a time and turn off the others while setting.
Refer to the satellite antenna manual for details.

MENU > Settings > Installation

1   Press the **RED** button and select **SCD Antenna**.
    Select **OK** to save and exit.
2   Select **Search Channels** and press the **OK** button.
3   Select **SCD Setting** and press the **OK** button to set the channel(band) and frequency for this receiver.
   • **Tuner1:** Select from Channel 1~8.
    • **Frequency:** The frequency is set based on the channel of tuner1.
    Select **OK**.
4   Select a satellite figure and press the **OK** button.
    • **Satellite:** Select the satellite.
    • **LNB Frequency:** Select the LNB frequency.
    • **Test Transponder:** Check the signal status of each transponder and select the one with the best quality.
    Select **OK**.
5   Select **Transponder** under the activated satellite figure and press the **OK** button.
    Select a value in the transponder list.
6   Repeat the two steps above to set more satellites.
7   Select **Search** and press the **OK** button. The found channels will be listed.
8   When the search is completed, select **Save** and press the **OK** button.

Note:
   •   Select **User Define** to enter the options directly.
   •   Set the channel(band) frequency of tuner1 and tuner2 differently from each other. Refer to the SCD antenna manual for the band frequency.
   •   Refer to **Setting Transponder** for details in transponder setting.
   •   Select **Stop** and press the **OK** button to stop the channel search.
   •   All channels will be deleted if you change the antenna type.
   •   The default password is 0000. If you have forgotten your password, please contact your local distributor.
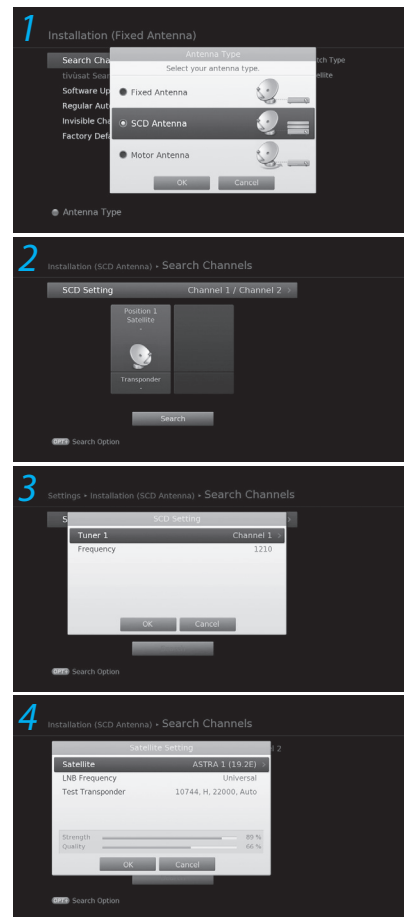
Search Channels [Motor Antenna]

You can set the position of the satellites when you use a motor antenna for efficient channel search.

MENU > Settings > Installation

1 Press the **RED** button and select **Motor Antenna**.
   Select **OK** to save and exit.
2 Select **Search Channels** and press the **OK** button.
3 Select **Motor Setting** and press the **OK** button to set the motor type and location.
   • **Motor Type:**
     DiSEqC1.2: General motor antenna using DiSEqC 1.2.
     USALS: Motor antenna using USALS.
   • **My Longitude:** Enter the longitude and direction.
   • **My Latitude:** Enter the latitude and direction.
   • **LNB Frequency:** Enter the LNB frequency.

   Select **OK**.

Note: When **Motor Type** is set to DiSEqC 1.2, both **My Longitude** and **My Latitude** are inactivated.

4 Select **Edit Satellite Data** and press the **OK** button to select the satellites that the motor antenna is pointing to.
   Select satellites using the ▲/▼ and **OK** button.
   When selecting **User Define**, enter the **Longitude** and **Direction**.
   Press the **BACK** button to save and return.
5 Select **Position Setting** and press the **OK** button to set the antenna position for the selected satellites.
   • **Satellite:** Select the satellite.
   • **Transponder:** Select the transponder.
   • **Motor Driving: Continuous – Step - Time**
   • **Driving Size**: When motor driving is set to **Step** or **Time**, select one from1~127.
   • **Go to Stored Position:** Make the antenna turn toward the position of the selected satellite.
     Fine-tune the position using the ◄/► button until the signal strength and quality reach the maximum level.
   • **Store Current Position:** Save the adjusted position.
   • **Recalculate:** Recalculates the positions of all satellites based on the position of current satellite.

Press the **BACK** button to save and return.

Note: When **Motor Type** is set to **USALS**, **Motor Driving**, **Store Current Position** and **Recalculate** are inactivated.
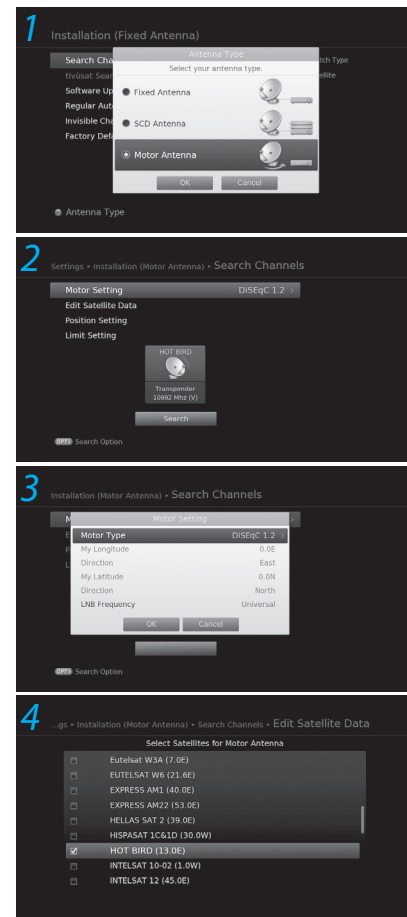
6 Select **Limit Setting** and press the **OK** button to set the operation limit of the motor.
 • **Limit Position:** Select **East** or **West**.
 • **Set Limit:** Set the operation limit to **East** or **West** using the ◄/► button.
 • **Reset Position:** Initialise the position of the motor antenna to the factory default.
  Press the **BACK** button to save and return.
7 Select a satellite you want to search.
8 Select **Transponder** under the activated satellite figure and press the **OK** button.
 Select a value in the transponder list.
9 Select **Search** and press the **OK** button. The found channels will be listed.
10 When the search is completed, select **Save** and press the **OK** button.

Note:
 • When you use a motor antenna, only the channels of one satellite can be searched.
 • Repeat the search process to search more satellites.
 • Select **Stop** and press the **OK** button to stop the channel search.
 • Refer to **Setting Transponder** for details in transponder setting.
 • All channels will be deleted if you change the antenna type.
 • The default password is 0000. If you have forgotten your password, please contact your local distributor.
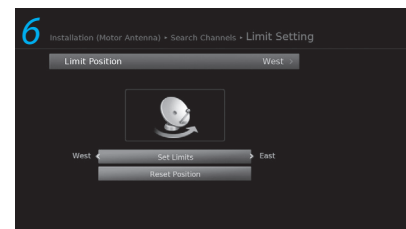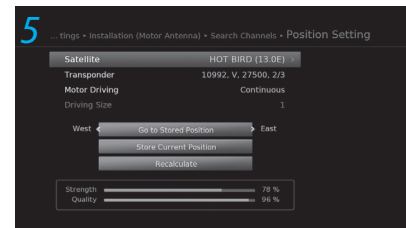
tivùsat Search

MENU > Settings > Installation > tivùsat Search

You can search tivùsat channels.
1. Select **tivùsat Search** and press the **OK** button to search for tivùsat channels.
2. When the search is completed, select **Save** and press the **OK** button to save the found channels.

Note: **tivùsat Search** is activated only when the satellite is set to **HOT BIRD**.

Software Update (OTA)

To maintain proper performance, it is essential to have the latest software. Visit the HUMAX website to check the latest news and newly released software versions. (**http://www.humaxdigital.com**) We recommend that you periodically check for the availability of software update.
OTA, an abbreviation of **Over–the-Air,** means that the software can be downloaded through your aerial.
The manufacturer reserves the right to decide when and where to release software by this process.
You can also search and download new software manually.

MENU > Settings > Installation > Software Update

Automatic Update

You can update software via the transponder pre-appointed by the manufacturer.
1. Select **Automatic Update** and press the **OK** button to search for new software.
2. When new software is detected, select **Yes** to start the update process.

Manual Update

You can update software via another transponder.
1. Select **Manual Update** and press the **OK** button.
2. Enter the options manually.
   • **Satellite:** Select the satellite. Select **User Define** to enter the options directly.
   • **Frequeucy:** Enter the frequency of the transponder.
   • **Polarisation:** Select the polarisation of the transponder.
   • **Symbol Rate:** Enter the symbol rate of the transponder.
   • **FEC:** Select the **FEC** of the transponder.
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.

When the software update is completed, the product is automatically powered off and on again.
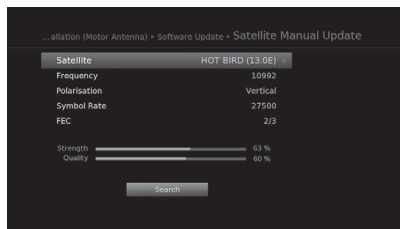
Note:
   • It may take 5~10 minutes to update the software.
   • Other functions such as scheduling programmes will not activate during software update.
   • Make sure to update software when the signal strength and quality are high. If the weather is not favorable and the signal strength and quality are not recommendable, perform the software update later.
   • The product will search new software automatically during standby. If new software is detected, you can choose to download immediately or later when you switch into operation mode. If you select **Later**, the message will be displayed again when you power on.
   • You can also update the software by connecting a USB device which has the new software file. You can download new software from the HUMAX website.
   • Software update through the network is also possible if the network is connected through the LAN.

Caution:
   • 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 occur to the product.
   • Be careful not to pull out the signal line (RF cable) during software update. Update may be interrupted and the product may not operate.

Regular Auto Update

MENU > Settings > Installation > Regular Auto Update

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

Invisible Channel Search

MENU > Settings > Installation > Factory Default

1. Select **Invisible Channel Search** to set **On** or **Off**.
2. If you set **Invisible Channel Search** to **On**, search channel again to view the invisible channels.

Factory Default

MENU > Settings > Installation > Invisible Channel Search

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 your local distributor.

Warning: Note that once you perform factory default, all user configured data will be reset. Shortly after you complete the factory default, the installation wizard will appear automatically.

System
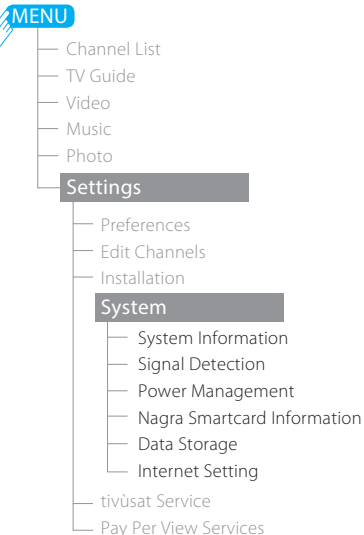
System Information

You can view the system information.

Signal Detection

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

Note: This menu is not activated during recording.

Power Management

➤ **Power Saving in Standby:** Select **On** to inactivate certain functions and reduce the power consumption in standby to below 1W. This is to comply with the rules of energy using products (EuP).

Note: If you connect two receivers using a loop-through cable, the loop-through function does not work when **Power Saving in Standby** is set to **On**. Even when **Power Saving in Standby** is set to **Off**, some channels may not be tuned. This is to enable software update whenever new software is available.

Nagra Smartcard Information

You can view the Nagra Smartcard Information.

Data Storage

➤ **Storage:** Select a storage to display the capacity of the storage.

➤ **Format Storage:** Format the selected storage.

➤ **Select the HDD for PVR**: To assign the selected storage for recording purpose, select **Select the HDD for PVR**. Select **Yes** and press the **OK** button to confirm. This option is disabled when the selected hard disk drive is already assigned for recording purpose.

Note:
- This function is available only when the external hard disk drive is connected to the product via the USB port. Make sure that the external hard disk drive is connected correctly.
- External USB storage devices may not be formatted properly if the capacity is too large.

Internet Setting

Note: This function is available only when the Ethernet cable has been connected to the receiver. Make sure that the Ethernet cable is connected correctly. Refer to *Connecting the Network* for details.

Configuring LAN

1. Select **Configure LAN**.
2. Select your IP configuration type between **DHCP** and **Manual**.
   - **DHCP:** If you use a router or modem that has a DHCP (Dynamic Host Configuration Protocol) server function, select **DHCP**. The IP address will automatically be determined.
   - **Manual:** If there is no DHCP server on the network and you want to set the IP address manually, select **Manual**. Enter the values for IP Address, Netmask, Gateway Address and DNS Address.
3. Select **Apply** to connect to the selected network and press the **OK** button.

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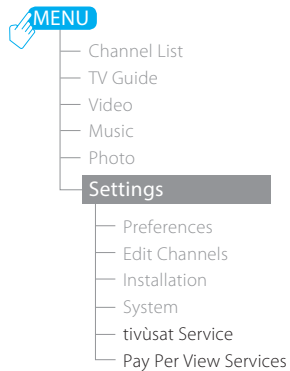
tivùsat Service

You can view the tivu Smartcard information.

Pay Per View Services

You can use Conax Conditional Access only when you tune to Pay TV channels.

Conax Conditional Access

You view the information of the conditional access.

Trouble Shooting

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

1. **No message is 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.
    *   Make sure that STB or PVR is selected as input on the remote control.
    *   Make sure that the antenna setting in the menu is correct. (satellite only)

3. **Poor picture/sound quality**
    *   Make sure there is no mobile phone or microwave oven near the product.
    *   Keep the power cable and the RF cable 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, poor sound and picture quality due to weather conditions cannot be accepted as a malfunction of product.

[Satellite]
*   Change the satellite dish for a larger one as this will increase the signal levels received.
*   Replace the LNB with a lower noise factor in cases where the noise factor is too high.
*   Replace the LNB with a lower noise factor in case the noise factor is too high.
*   Replace the LNB with a new one in case it is damaged or out of order.
*   Install the antenna in an obstacle-free place.
*   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.
*   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 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.**
    *   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.
    - Make sure 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.
12. **The product makes a humming noise.**
    - The noise is from the fan; the hard disk is operating normally.
13. **Cannot record progammes. (PVR only)**
    - The hard disk is full. Delete unnecessary programmes and make space for new recording.
    - Check if the recording conflicts with another channel. Stop the current recording or wait until the recording is finished.
    - Check that the product is switched on when the recording starts.
14. **Cannot operate Time Shifted Recording. (PVR only)**
    - TSR may not be available during recording. Wait until the recording is finished.
    - Delete unnecessary programmes and make space for new recording.
15. **Cannot playback. (PVR only)**
    - To playback the recorded file of a scrambled channel, use the Smartcard. In case it has been a long time since you last recorded, this may not work. Contact the product distributor.
    - The signal during recording may be weak or the hard disk too full.
16. **Cannot change channels while recording. (PVR only)**
    - Certain channels may not be changed due to restriction of the tuner or connection type.

HUMAX Customer Support

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

HUMAX Italia
Website: www.humaxdigital.com/italy
E-mail: servizioclienti@humaxdigital.com

Note: For hardware repair, please visit our website.

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

Error Messages

Error messages	Possible causes	What to do
No or bad signal [Satellite]	The satellite dish is not pointing at the satellite.	Adjust the 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.	Replace the cable.
	The channel is not broadcasting.	Replace the cable.
No or bad signal [Terrestrial]	The aerial is not pointing correctly.	Adjust the aerial. Check the cable from the aerial. If you cannot resolve the problem, request a professional to test your aerial installation.
The channel is scrambled or not available.	The channel has a signal but no audio or video.	Check if the channel is currently on air.
	The channel has been deleted by the broadcasting company.	Check if the channel is currently on air.
	The channel is for data broadcasting.	Remove the channel from the channel list and check for new transponder details.
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.

Error messages	Possible causes	What to do
No access	No access	Make sure you have a subscription to the channel.
	No authorisation	If the product has been in standby or power off for a long time, please wait for authorisation. It may take up to 60 minutes.
No card inserted	Smartcard is not inserted.	Insert the Smartcard.
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 and ask for replacement.
CI-Module not installed	CI-Module not installed CI-Module is not inserted.	Insert the CI-Module.
	CI-Module is not inserted correctly.	Remove the CI-Module and reinsert it.
	CI-Module is not recognised.	Insert another CI-Module to check if the current one 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 the LNB cable.
	LNB is internally short.	Replace the LNB.
	Alien substance is inserted into the LNB IN port. The port may be damaged.	Remove the alien substance and contact the service centre if the port is damaged.

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