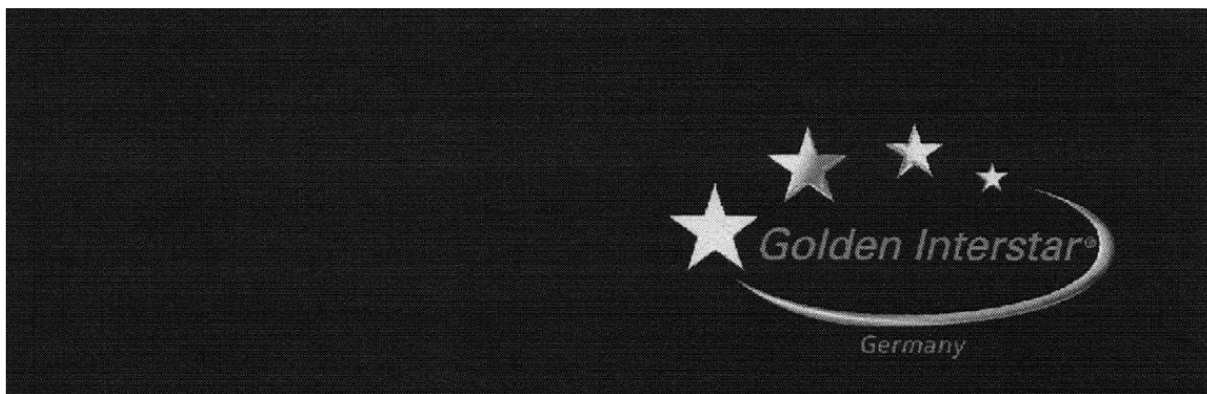




Golden Interstar HD FTA S2+



Bedienungsanleitung User manual

Table of Contents

	<u>PAGE</u>
1 General Introduction.....	4
2 Remote Controller.....	5
2.1 Appearance	5
2.2 Key Definition	8
3 Working Modes & Menu Structure	10
3.1 Working Modes.....	10
3.2 Menu Structure	10
3.2.1 Installation Menu.....	10
3.2.2 Channel Menu	11
3.2.3 Setting Menu	11
3.2.4 Upgrade Menu.....	12
3.2.5 Multi Media Menu	12
4 DTV Mode.....	13
4.1 System Initialization	13
4.2 Entering the DVB System and Power On/Off.....	13
4.3 Volume Adjustment and Mute Control	13
4.4 TV/Radio Switching	14
4.5 Channel Switching	14
4.6 Program Info Display	15
4.7 Program Recall (Recall to the previous channel)	15
4.8 Program Language and Left/Right Channels Switching	15
4.9 Electronic Program Guide (EPG)	15
4.10 Teletext.....	16
4.11 Subtitle	16
5 Multimedia Mode	16
5.1 Movie.....	17
5.2 Music.....	17
5.3 Photo.....	18
5.4 Record Manager	18
5.5 Disk Manager	19
5.6 EBook.....	20
5.7 YouTube	20

6	Main Menu	20
6.1	Installation	20
6.1.1	Antenna Setting	20
6.1.2	Satellite List	21
6.1.3	Transponder List	21
6.1.4	Motor Setting	22
6.1.5	Limit Setup	22
6.2	Channel	22
6.2.1	Channel Manager	22
6.2.2	Favorite List	23
6.2.3	Channel Setup	24
6.3	Perference	24
6.3.1	OSD Language OSD	24
6.3.2	Preferred Subtitle	25
6.3.3	Hard Hearing	25
6.3.4	Preferred Audio	25
6.3.5	PVR Config	25
7	Setting	26
7.1	Ethernet Config	26
7.2	Factory Reset	26
7.3	Upgrade	27
7.4	Version	27
7.5	AV Setting	27
7.6	SPDIF	27
7.7	Aspect Ratio	28
7.8	Video Resolution	28
7.9	Timers	28
8	Record & Timeshift	30
8.1	Record	30
8.2	Timeshift	30
8.2.1	Timeshift: Auto	31
8.2.2	Timeshift: Pause	31
8.2.3	Timeshift: Off	31
9	Upgrade	31
9.1	USB/Card Upgrade	31
9.2	HTTP Upgrade	32
10	Trouble Shooting and environmental Protection	33

1 GENERAL INTRODUCTION

1.1 IMPORTANT SAFETY INSTRUCTIONS

Please read and save for future reference

Thank you for choosing our product. Before installation, we would like to remind you some notes, which is very important for operating safely and properly, as follows :

- Be sure to read this user manual before starting your operation.
- Never open the cover. It is very dangerous to touch the inside stuff of the unit due to possible electric shock.
- If you don't use this box for a long time, please pull the power plug out off the outlet. Do not use a damaged power cord.
- Do not touch the power with wet hands. If there is liquid flow into the unit, pull out the power cord immediately, because it
- Set up the device in a well-ventilated and not hot environment..
- Mount the device in the correct direction and angle. If the device does not work properly, please contact your local dealer.
- Mount the device horizontally. Unbalanced installation can damage the device.
- When the unit is suddenly moved from a warm place to a cold place, it may cause some problems. In that case, switch off the device and switch it on again after 1-2 hours.
- Install the unit in a place with :
 - Good ventilation
 - suitable temperature
 - No direct sunlight
 - Low humidity
 - Low vibration
 - Do not place heavy weight on the device
 - Do not cover the device

1.2 ADDITIONAL SAFETY INSTRUCTIONS

- Keep the receiver placed in clean space with sufficient ventilation
- Clean with a damp cloth and a little cleaning agent when the power is disconnected
- Do not remove cover
- Do not expose to extreme heat, cold or moisture
- Keep liquids and foreign bodies away from the inside of the device

1.3 MARKIERUNGEN AN DER RÜCKSEITE



General:

This symbol appears on the rear panel of the receiver

Part 1

This sign consists of two images and a warning. The details are as follows:

Part 2



Each symbol has a special meaning.

The lightning flash with the arrow in a triangle warns the user of isolated voltage inside the device, which can pose a danger to people.

The exclamation point in a triangle draws the user's attention to important operating and maintenance information in the operating instructions.

Attention:

To avoid electric shock, do not remove the cover. Care and maintenance of the device should only be carried out by trained personnel.

2 REMOTE CONTROLER

2.1 Appearance

Main Features

Full HD 1080P

Fully DVB-S2/MPEG-4/H.264 Decoder.

Supports Multistream, T2MI.

6000 Channels memory space (TV + Radio)

16/8bit colors on screen display supported

Support SW Upgrade via USB

Frequency Range 950-2150MHz

USB2.0 for Multimedia

Supports DiSEqC1.0/1.1/1.2 and USALS

Multimedia play back.

Video Compression MPEG-2 and MPEG-1 compatible, MPEG-4, H.264 Videotext Decoder

Letterbox for 4:3 TV-Device

Audio compression MPEG-1&MPEG-2 Layer Land II, MP3 Audio Mode Dual (main/sub), stereo

Support Movie format:MPEG-2, MPEG, TS steam, QuickTime .MKV, ASF Microsoft ISO MPEG-4 Video Codev1

Support Music format: WAVE MP3, ASF, AAC

Support Photo format: JPEG BMP PNG GIF TIFF

Supports WIFI via USB

Power Supply:

Power Adapter 100~240V 50/60Hz (external power supply) to 12V DC, 1A, 12W

Energy consumption in STBY mode < 0.5W

Unpacking

Unpack the receiver and check to make sure that all of the following items are included in the packaging:

1 x Digital Set Top Box

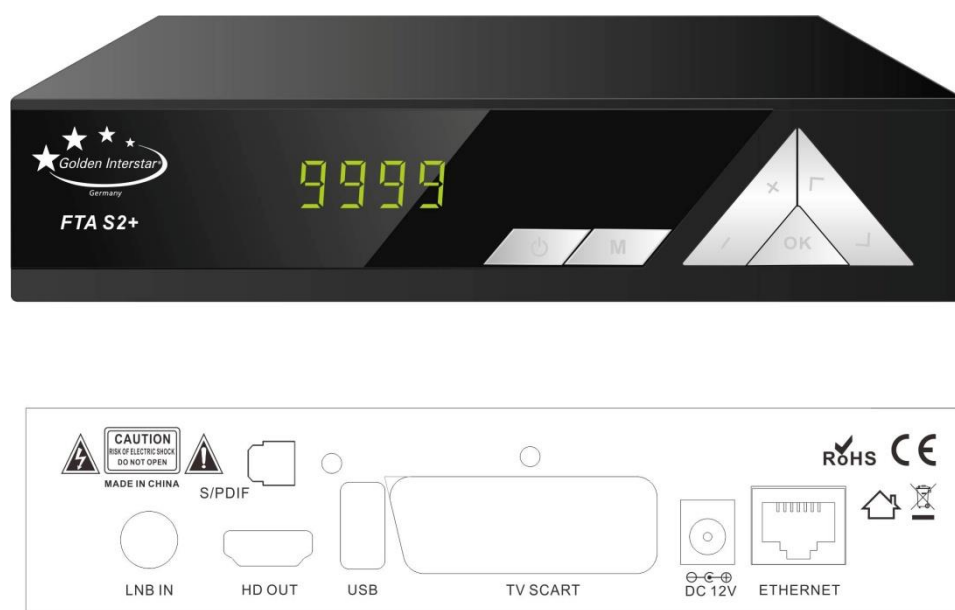
1 x Remote

1 x HD Cable

1 x User's Guide

1 x POWER ADAPTER

OVERVIEW OF THE EQUIPMENT



LNB IN: Connect to satellite dish (IF input from LNB to digital tuner)

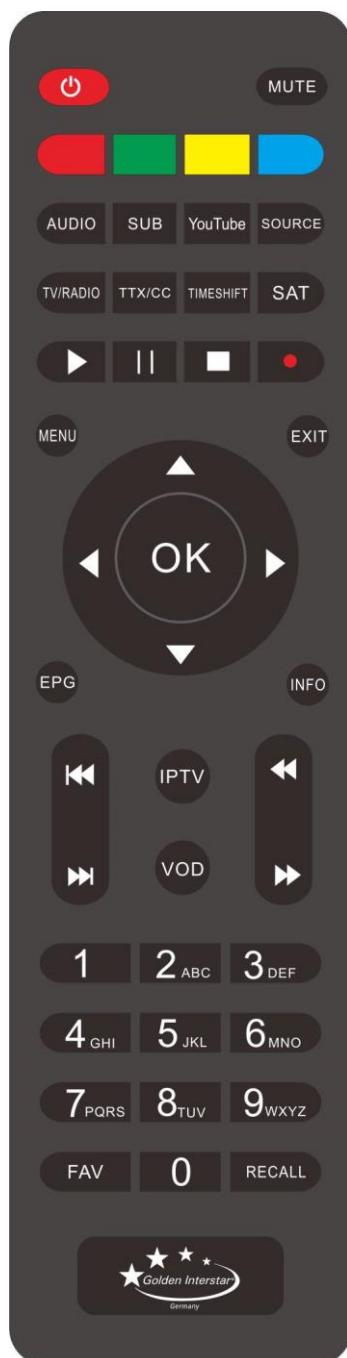
POWER: DC IN 12V

HD OUT: Connect to the TV using the HD cable

ETHERNET: Connect to the LAN internet

TV SCART: Connect to the TV using a SCART cable (SCART output to TV)

Remote Control



2.2 Key Definition

No.	Key	Description
1	POWER	Switch of power supply
2	MUTE	Mute control
3	NUMBER	Number keys
4	FAV	Favorite program list
5	AUDIO	Enter audio menu to change audio language, channel, etc.
6	TV/RADIO	Switch of TV mode and radio mode
7	Recall	Return to the previously played program
8	PAGE+/-	Page up/down used in list state
9	INFO	• Show or hide program info • Show the information of the selected item while in EPG state • Show the detailed information of the being played media file while in multimedia playback state • Show the record information or record list while in record mode.
10	MENU	Enter or exit the main menu
11	EXIT	Exit the current menu
12	TTX	Enter Teletext page
13	EPG	Enter or exit EPG page
14	LEFT/RIGHT	• Left/right direction keys • Volume up/down
15	UP/DOWN	• Up/down direction keys • Next/previous channel
16	SUBTITLE	Enter the program subtitle selection menu
17	Red function key	• Switch Daily and Weekly modes while in EPG state • Lock or unlock the selected program while in program management state • Delete all the scheduled programs while in the scheduled program list
18	Green function key	• Schedule or record the current program while in EPG state • Delete the selected program while in program management state • Delete the selected scheduled program while in the scheduled program list.
19	Yellow function key	• Go to the previous day while in the Weekly mode of EPG • Ignore the selected program while in program management state • Edit the selected scheduled program while in the scheduled program list
20	Blue function key	• Go to the next day while in the Weekly mode of EPG • Rename the selected program while in program management state
21	Youtube	Enter Youtube
22	SOURCE	Switch of Multi-media mode and DTV mode
23	REC	Record the current program while in full screen playing state.

No.	Key	Description
24	STOP	• Stop multimedia playback • Stop recording
25	PLAY	Play multimedia files
26	PAUSE	• Pause multimedia playback • Start the Timeshift function while in the record state or the Timeshift function is in Pause mode
27	PREV & NEXT	Go to the previous or next media file to play while in multimedia playback state
28	Iptv	Shortcut key to enter IPTV
29	Vod	Shortcut key to enter VOD

3 WORKING MODES & MENU STRUCTURE

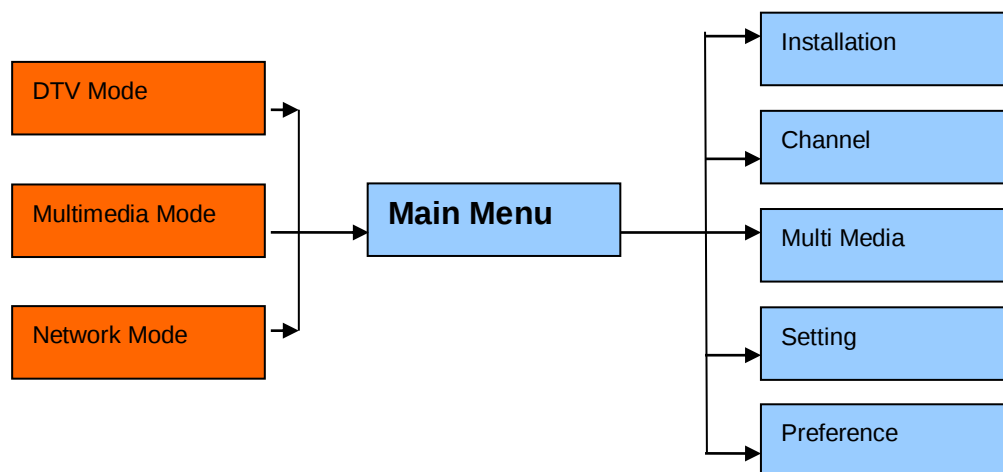
3.1 Working Modes

At present the system has three working modes: DTV Mode, Multimedia Mode and Network Mode. In DTV mode you can watch digital TV programs. In Multimedia mode you can play multimedia files and games, record files, manage disks, and so on. In Network mode you can browse information from network.

After power on, the system will auto enter the DTV mode. Pressing SOURCE key can switch between DTV mode and Multimedia mode.

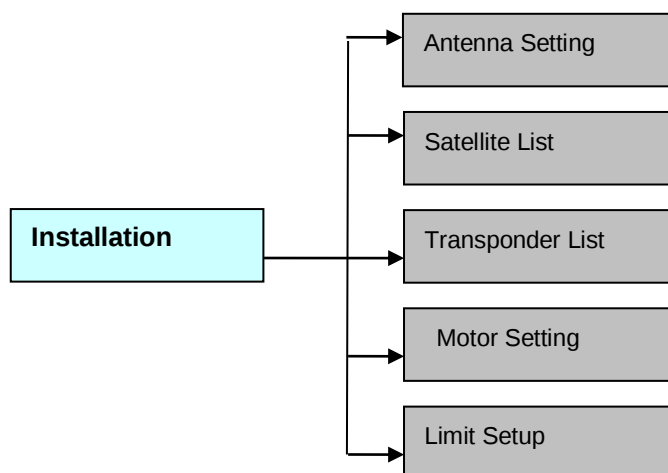
3.2 Menu Structure

The figure below shows the structure of the system's main menu:



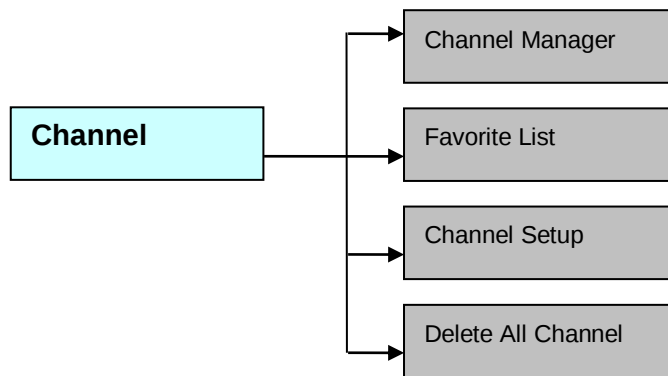
Main Menu Structure

3.2.1 Installation Menu



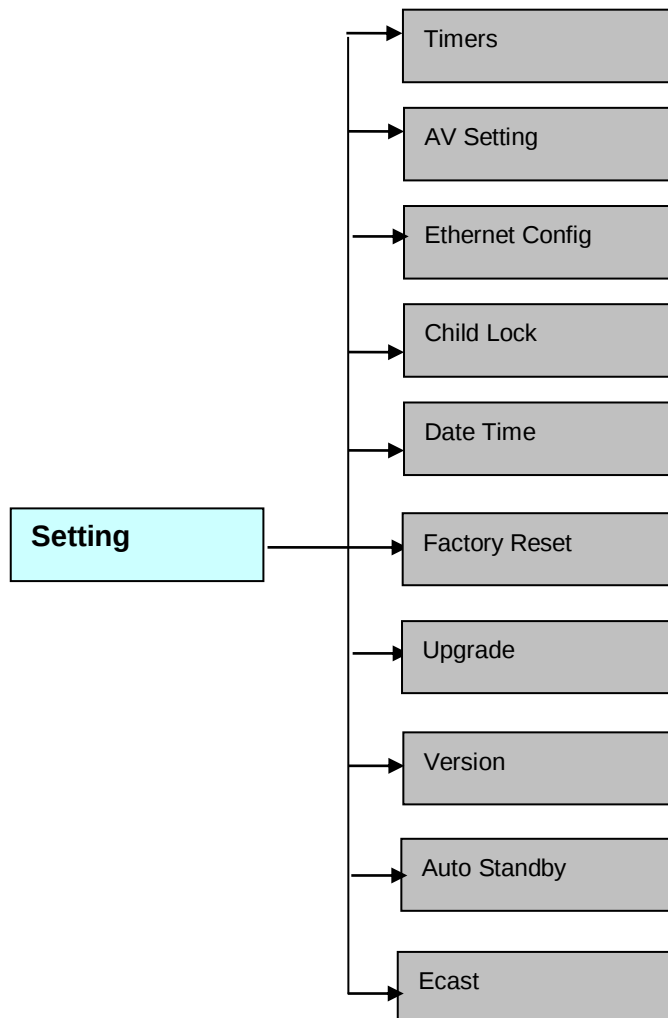
Installation Menu

3.2.2 Channel Menu



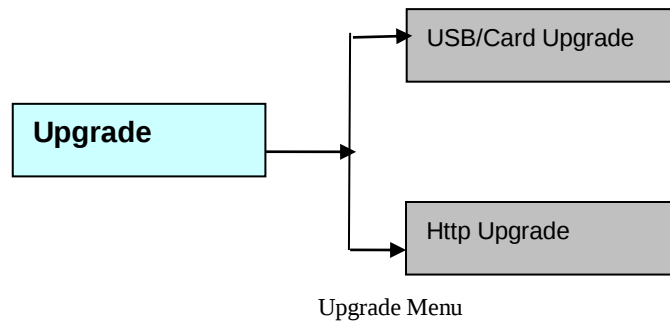
Channel Menu

3.2.3 Setting Menu

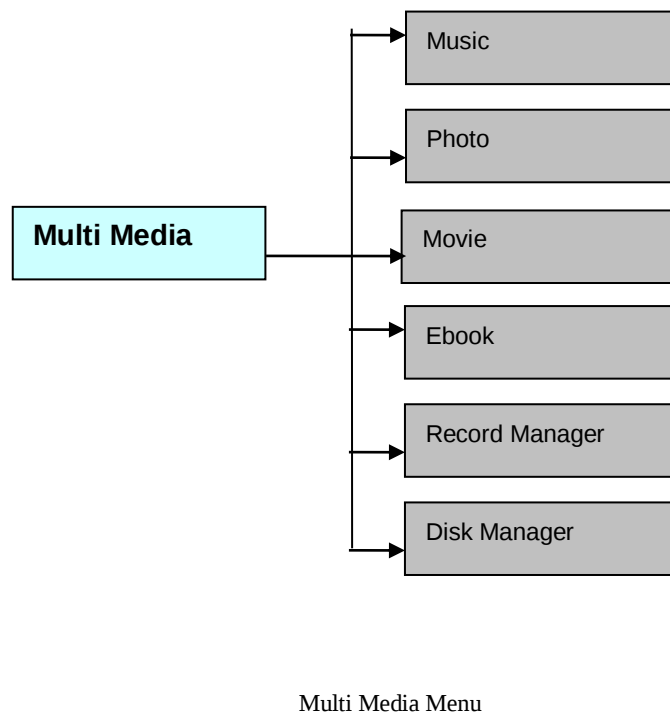


Setting Menu

3.2.4 Upgrade Menu



3.2.5 Multi Media Menu



4 DTV MODE

4.1 System Initialization

When entering the system for the first time, you should do some initialization settings on the system including OSD language, time zone, etc. See the figure below for the setting menu.

After setting, select the **Start Search** option and then press OK key to start auto scan. When the scan completes, the scanned programs can be auto saved.



System Initialization

4.2 Entering the DVB System and Power On/Off

■ Entering the DVB system

After power on, the system will enter the DVB mode. If there is no program data in the database, the following message will appear: "Database Empty".

Otherwise, the last program being played before the previous power off will be played. If the system fails to play the program, please check the power connection and antenna connection.

■ Power on

When the machine is in Standby mode, press POWER key to turn it on.

■ Power off

When the machine is running, pressing POWER key at any time can make it into the Standby mode.

4.3 Volume Adjustment and Mute Control

■ Volume Adjustment

While in playing state without menu display, press LEFT/RIGHT keys to adjust the volume. A volume bar will appear, which has 0~100 levels.

■ Mute Control

While in playing state without menu display, press MUTE key to enter the mute state. Pressing MUTE key again can exit the mute state.

4.4 TV/Radio Switching

While in full screen playing state, press TV/RADIO key to switch between the TV mode and the Radio mode.

4.5 Channel Switching

The system provides many methods to switch channels. See the descriptions below:

- **Method 1:** While in full screen playing state, press Up/Down keys to play the next or previous TV program channels or radio stations.
- **Method 2:** While in full screen playing state, press OK key to enter the Channel List menu (see the figure below) to quickly select a channel you want to play. In which you can press LEFT/RIGHT keys to select a channel group and then press UP/DOWN keys to choose a desired channel.



Channel List for quick select

Press OK key to confirm your selection and switch to the selected channel to play. Pressing EXIT key can exit the menu.

- **Method 3:** Press number keys to input the number of the channel you want to play
- **Method 4:** Press the RED function key to select another satellite to play
- **Method 5:** If you have set favourite programs, press the green function key and a favourite list will appear. At this point, you can press UP/DOWN keys to select a Fav item and then press OK key to enter its program list.

Pressing EXIT key can exit the menu.

- **Method 6:** Press the yellow function key while in the state of 0, and you can search for a channel by name.

Press UP/DOWN/LEFT/RIGHT keys to select a character and then press OK key to input. When you have finished inputting a channel name, press the blue function key to confirm your input. (Pressing the red function key can change case. Number keys cannot be used to input numbers here.)

Method 7: Press the blue function key and the channel group list appears, which includes free, scramble and so on.

4.6 Program Info Display

While in full screen playing state, press INFO key to show the brief information of the being played program.

4.7 Program Recall (Recall to the previous channel)

While in full screen playing state, press EXIT key to return to the previously played TV program channel or radio station.

4.8 Program Language and Left/Right Channels Switching

While in full screen playing state, press AUDIO key to call out the following menu to change the audio language and sound channels.



Language and Sound Channel Select Menu

Press LEFT/RIGHT keys to change sound channels among Left, Right and Stereo; press UP/DOWN keys to choose audio language.

Press OK key to confirm the setting and return to the program playing state.

4.9 Electronic Program Guide (EPG)

To get the information of programs being played or to be played in coming days, press EPG key to enter the electronic program guide (EPG).

EPG info has two modes: **Daily Mode** and **Weekly Mode**. The system will enter the Weekly mode by default, and you can press the red function key to change to other modes.

Press EXIT or EPG keys to exit EPG.

1. Daily Mode

In Daily Mode, you can find the information of the programs on a day.

- **Red** function key: Enter the Weekly Mode.
- **Yellow** or **blue** function keys: Press one of the two keys to switch days from Monday to Sunday.

- **Green** function key: If the selected program is being played, pressing this key can record the program. If the selected program has not been played yet, pressing this key can schedule to play or record the program.

2. Weekly Mode

In Weekly Mode, you can find the information of the programs within a week.

- Press LEFT/RIGHT keys to switch the highlight between the two list windows.
- Press the **red** function key to enter the Weekly Mode.
- Press the **yellow** or **blue** function keys to switch to the page of the previous or next days.
- If the selected program is being played, pressing the **green** function key can record the program. If the selected program has not been played yet, pressing this key can schedule to play or record the program.

4.10 Teletext

Press TTX key to enter the Teletext mode.

Basic Operations

- At the bottom of a Teletext page, enter a page number (range: 100–899) to go to corresponding page.
- Press UP/DOWN keys to turn to the previous or next pages. The pages that have no teletext contents will be auto skipped.
- Long press UP/DOWN keys to quickly turn pages.
- Press OK key to change the transparency of the background.
- Press LEFT/RIGHT keys to enter the previous or next subpages of the current page if there exists. If the AUTO option is selected, the subpages will be auto turned。
- The four colored function keys are navigation keys. Their concrete functions depend on the streaming.
- Press TTX or EXIT keys to exit the teletext mode.

4.11 Subtitle

Press SUB key to enter the Subtitle menu

Press UP/DOWN keys to select a subtitle language to play

Press UP/DOWN keys to select a TTX subtitle language to play

5 MULTIMEDIA MODE

In Multimedia mode, you can play multimedia files; you can also carry out record management and disk management.

When the system has started, press SOURCE key to switch to the Multimedia mode. The system will auto check whether there is a storage device (USB/CARD). If there is no USB

device or card, the following message will appear: "No Storage Device".

Once a USB device or card is found, the system will initialize the USB device or card. When complete, the following interface will appear:



USB (CARD) Device Inserted

If the USB device or the card has more than one partition, all the partitions can be displayed. At present the system support the following partition formats: FAT, FAT32 and NTFS.

Press LEFT/RIGHT keys to between the different play modes like Movie, Music, Photo, Record Manager, Disk Manager and Ebook.

5.1 Movie

The Movie module is for playing video files stored on the USB (CARD) device.

In Movie Module press UP or DOWN keys to enter the video file list area.

After selecting a movie, you can press OK key to play it.

- Press UP/DOWN keys to select the previous or next video files.
- Press OK/RIGHT keys to play the selected video file. (If the video file is under a folder, pressing LEFT key can exit the folder.)
- **Video Info:** When a video playback starts, the information of the video file will be shown for 3 seconds. You can press INFO key to show the information again after it disappears.
- **Fast Play:** Press FR/FF keys to fast move forward or backward through the video. The max fast play speed is x16. Press PLAY key to resume the normal playback.
- **Switch Video:** Press PREV/NEXT keys to go to the previous or next video files to play.
- **Stop:** Press STOP key to stop the current playback and return to the Multimedia Mode interface.
- **Pause:** Press PAUSE key to pause the current playback. Pressing PLAY key can resume the playback.
- **Exit:** Press EXIT or EXIT keys to exit the playback state.

5.2 Music

The Music module is for playing audio files stored on the USB (CARD) device. Most popular audio formats are all supported.

In the Module Select Area, press LEFT/RIGHT keys to select the Music type, then press OK

or DOWN keys to enter the audio file list area.

- Press UP/DOWN keys to select the previous or next audio files.
- Press OK/RIGHT keys to play the selected audio file. (If the audio file is under a folder, pressing LEFT key can exit the folder.)
- **Fast Play:** Press FR/FF keys to fast move forward or backward through the audio file. The max fast play speed is x32. Press PLAY key to resume the normal playback.
- **Switch Audio:** Press PREV/NEXT keys to go to the previous or next audio files to play.
- **Stop:** Press STOP key to stop the current playback.
- **Pause:** Press PAUSE key to pause the current playback. Pressing PLAY key can resume the playback.
- **Exit:** Press EXIT keys to exit the playback interface and return to the multimedia type select interface. (Note that if the background play function has been turned on, the music will not stop but become background music.)

5.3 Photo

The Photo module is for playing image files stored on the USB (CARD) device. Most popular image formats are all supported.

In the Module Select Area, press UP/DOWN keys to select the Photo type,

Press OK keys to play the selected image in full screen mode. By default, the system will enable the slideshow function to play all the images in the current directory.

- **Switch Image:** Press PREV/NEXT keys to play the previous or next images.
- **Zoom:** Press the **ZOOM** function key to enter the zoom state. In this state, you can
 - press FR/FF keys to zoom in or out the image;
 - press LEFT/RIGHT keys to move the focus on the image left or right;
 - press UP/DOWN keys to move up or down;
 - press the red function key again to exit the zoom state.
- **Image Info:** Press INFO key to show the detailed information of the image.
- **Rotate:** Press LEFT/RIGHT keys to rotate the image 90° anticlockwise or clockwise.
- **Flip:** Press UP/DOWN keys to flip the image up or down.
- **Exit:** Press EXIT or EXIT keys to exit the playback state.

5.4 Record Manager

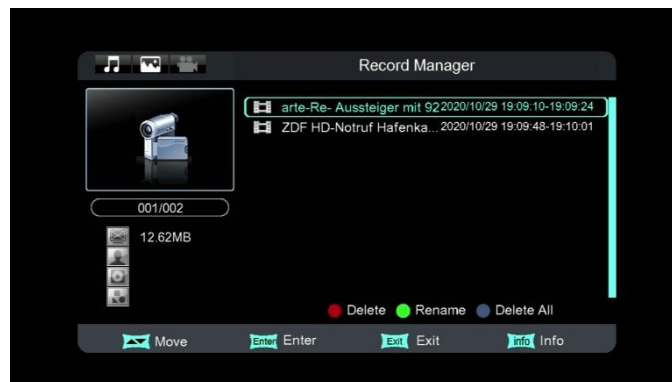
The Record Manager module is for users to carry out record setting and view the programs recorded.

If the USB (CARD) device has more than one partition, you should manually set the partition in which record files will be saved.

- Green functions key: Set the selected partition as default record partition.
- Blue function key: Format the selected partition into FAT32 format.

- Yellow function key: Format the selected partition into NTFS format.

To view record files, select the partition that stores the record files and then press OK key to enter it. The system will auto list all the recorded programs, see below:



Record Files

- To play a record file: press UP/DOWN keys to select the record file first and then press OK/RIGHT keys to play it.

During playback, the things you can do only include to press FR/FF keys to fast backward or forward play the file, and to press STOP key to return to the record file list. Both file switching and repeat mode setting cannot be done.

When the playback completes, the system will auto return to the record file list.

- To delete a record file: select it first and then press the **red** function key.
- To rename a record file: select it first and then press the **green** function key.
- To delete all recorded files: press **blue** function key.

5.5 Disk Manager

The Disk Manager module is for disk and file management.

- If the selected object is a partition:
 - Green function key: Format the selected partition into FAT32 format.
 - Yellow function key: Format the selected partition into NTFS format.
 - Red function key: Move or copy the files (folders) in this partition.
 - Blue function key: Device Information

The left list is the Source list, the right list is the Destination list. Before moving or copying a file (folder), the things you should do include: selecting the file (folder) from the left list, then press the **green** function key to confirm your selection, and then entering the destination directory in the right list. Next, to copy the file (folder) you have selected, press the **yellow** function key; to just move it, press the **blue** function key.

- If the selected object is a file (folder):
 - Red function key: Move or copy the selected file (folder).
 - Green function key: Rename the selected file (folder).
 - Yellow function key: Delete the selected file (folder).

5.6 EBook

The EBook module is for reading electronic books. TXT format is available. In addition, you can enjoy background music while reading.

- **Turning pages:** Press PAGE+/- keys to turn page up and down
- **Exit:** Press Exit Key to return to the book list

5.7 YouTube

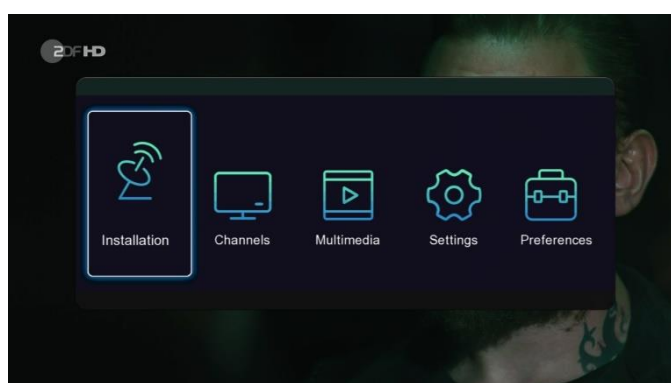
The YouTube module is for playing video files online. In this Module press RIGHT keys switch to video list area. You can press UP/DOWN key to view more video items online.

After selecting a video, you can press OK key to play it.

6 MAIN MENU

The Main Menu has five items: Installation, Channel, Multimedia, Setting, and Preferences, which include all setting items of the system.

Press MENU key to enter the Main Menu, see the figure below:



Main Menu

6.1 Installation

There are five sub items:

- **Antenna Setting:** Antenna and LNB settings
- **Satellite List:** Satellite list setting
- **Transponder List:** Transponder list setting
- **Motor Setting:** Polar axis motor setting
- **Limit Setup:** Polar axis move limit setting

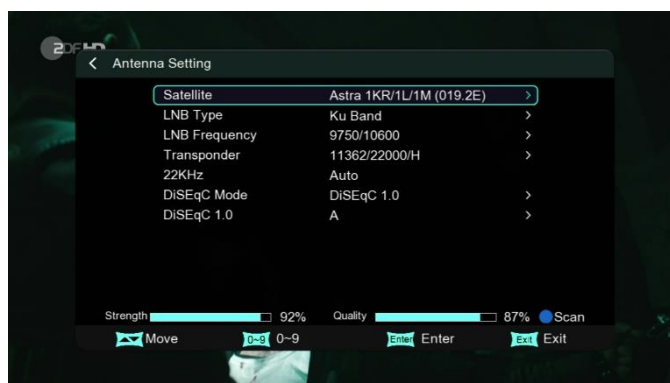
6.1.1 Antenna Setting

In the Installation menu press UP/DOWN keys to highlight the Antenna Setting sub item and

then press OK or RIGHT keys to enter the Antenna Setting page.

There are these setting items:

- **Satellite:** Select a satellite from the existing satellite list.
- **LNB Type:** Set the working frequency band for LNB (three options: Ku Band, C Band and User).
- **LNB Frequency:** Set the local oscillation frequency of LNB.
- **Transponder:** Select a transponder from the existing transponder list.
- **22KHz:** AUTO, turn on or off automatically the 22 KHz. (can't be changed)
- **DiSEqC (Digital Satellite Equipment Control) Mode:** Select input signal. When more than one LNB is used, DiSEqC can be used to select more than one LNB to input.



Antenna Setting Menu

In the Antenna Setting page, you can press UP/DOWN keys to highlight a setting item and then press OK key to enter corresponding editing state. In the editing state press UP/DOWN keys to select an option and then press OK key to exit editing.

6.1.2 Satellite List

The Satellite List (see figure above) shows all the satellites the system has stored. Users can press color function keys on the remote controller to edit the list, for example to add a satellite (by pressing the red function key), to delete a satellite (by pressing the yellow function key), to scan the selected satellite (by pressing the blue function key), etc.

You can also press the green function key to edit the detailed information of the selected satellite: Satellite Name, Position and Longitude.

6.1.3 Transponder List

In the Installation menu, press UP/DOWN keys to highlight the Transponder List item and then press OK or RIGHT keys to enter the Transponder List page.

The Transponder List stores the transponders of current satellite of current system. Each transponder may have multiple frequencies. You can press color function keys on the remote controller to edit the list, for example to add a transponder (by pressing the red function key), to edit a transponder (by pressing the green function key), to delete a transponder (by pressing the yellow function key), to scan transponders (by pressing the blue function key), etc.

After pressing the green function key, you can edit the selected transponder's detailed information such as frequency, symbol rate and polarization. When finished, press OK key to exit the editing state.

6.1.4 Motor Setting

Through the Motor Setting page, you can control the polar axis motor to adjust the direction of antenna so as to make the antenna accurately point to the satellite. There are these setting items in this page

- **Satellite:** Select a satellite.
- **Transponder:** Select a transponder
- **Motor setting:** Set the polar axis motor. (DiSEqC 1.2, USALS, Disable)

If you have already selected a satellite and a transponder, when moving the polar axis, you will find the signal strength and quality indicators at the bottom of the page.

6.1.5 Limit Setup

There are three sub items:

- **Limit Setup:** Polar axis move limit setting.
- **Continuing Move:** Enable polar axis continuous move.
- **Move Step:** Enable polar axis step move. After setting, you can press LEFT/RIGHT keys to move the polar axis east or west step by step.

6.2 Channel

The Channel menu has four items: Channel Manager, Favorite List, Channel Setup and Delete All Channel. To enter the Channel menu, press UP/DOWN keys in the Main Menu to highlight the Channel item and then press OK or RIGHT keys. The Channel menu is shown as below:

6.2.1 Channel Manager

The system provides powerful channel management function. You can through the Channel Manager menu to manage your channels such as deleting, locking, sorting, skipping or renaming.

To enter the Channel Manager menu, in the Channel menu press UP/DOWN keys to select the Channel Manager item and then press OK key. See the figure below:



Channel Manager Menu

If there is no program channel data in the database, 'No Program' message will appear and both the Channel Manager and Favorite List menus cannot be accessed.

The Channel Manager menu contains these functions: Channel Delete, Channel Move, Channel Lock and Channel Edit. Press UP/DOWN keys to select the channel and then press the four color function keys on the remote control to manage it: press the red function key to lock or unlock the selected channel; the green function key to delete the selected channel; the yellow function key to move the selected channel; the blue function key to Edit the selected channel. After setting, corresponding icons will appear.

- To delete a channel, press UP/DOWN keys to select the channel and then press the green function key. Key in a correct four-digit password (default password: 0000) in the pop-up dialog, a green check mark will appear in the delete column of the selected channel. When exiting the Channel Manager menu, you will be asked to confirm the deletion. Select YES and enter the correct password (default password: 0000), and the channel will be deleted. To cancel the deletion state on a channel, select the channel first and then press the green function key again.
- To change a channel's number or resort the channels list, press UP/DOWN keys to select the channel(s) you want to move, then press OK key. The selected channel element is marked. Next, press UP/DOWN keys to the destination position, then press YELLOW key. Thus the channel's position in the list is changed.
- To Edit and rename a channel, press first BLUE Key to EDIT channels. Use UP/DOWN keys to select a channel, then press the blue function key to enter the channel name edit page.
After editing, press BLUE key to confirm.
- To lock a channel, after selecting the channel press the red function key, and then key in a correct four-digit password (default password: 0000) in the pop-up dialog. When switching to the locked channel you will be asked to give a correct password to watch it.
- Press EXIT key to exit the Channel Manager menu.

6.2.2 Favorite List

The system provides a favorite channels list function. You can through the Favorite List menu to add, delete or group your favorite channels.

To enter the Favorite List menu, in the Favorite list menu press UP/DOWN keys to select the Favorite List item and then press Number key.

- There are total 8 favorite lists. You can press the number keys to add channels to corresponding favorite list. One channel can be added into multiple favorite lists. To add a channel to a favourite list, press UP/DOWN keys to select a channel and then press OK and the channel is marked.
- Press EXIT key to exit the Favorite List menu and the list will be saved.

6.2.3 Channel Setup

This item is to set the default channel after the system boots. By default, after the system boots, the channel that is being played before the previous turning off will be auto played. If you want to make the system always play the same channel every boot on, you can configure the setting items in the Channel Setup menu as follows:



Channel Setup Menu

6.3 Preference

The preference menu is mainly used to change preference setting

To enter the preference menu, in the Main Menu press OK keys to select the Setting item and then press OK keys. See the figure below:



Preference Menu

6.3.1 OSD Language OSD

The OSD Language item defines the language of menu and prompts. To change the OSD language, press UP/DOWN keys to highlight this item and then press OK or RIGHT keys to pull down a language list. In this list, you can press UP/DOWN keys to select a language and then press OK key to confirm.

6.3.2 Preferred Subtitle

The Preferred Subtitle item is used to set subtitle languages. When a program has subtitles of multiple languages, we can set priorities for these languages through this item. Two preferred subtitle languages can be set here and the first one has a higher priority. The system will then auto search the matched subtitle to play.

To change preferred subtitle languages, in the Preference menu press UP/DOWN keys to highlight the Preferred Subtitle item and then press OK or RIGHT keys to pull down a language list. In this list, you can press UP/DOWN keys to select a desired language and then press OK key to confirm.

6.3.3 Hard Hearing

The Hard Hearing item provides a kind of subtitle display service special for hearing impairment users, available when the streaming includes this service.

If you set to ON, the subtitles for the current program are always displayed automatically

6.3.4 Preferred Audio

The Preferred Audio item is used to set the default audio language. When a program has audios of multiple languages, the system will auto search the matched audio to play according to the settings here. Two preferred audios can be set and the first one has a higher priority.

6.3.5 PVR Config

Through the PVR Config item you can do some settings on Timeshift and Record functions.

- **File Size:** Set the size of a single record file.
- **Timeshift:** Set a method to start the timeshift function. Three options: Auto, Pause and Off.
- **Timeshift Length:** Set the timeshift length. Four options: Auto, 30min, 1hr and 2hr. When disk is full, the earlier data will be overwritten and it is not limited by this parameter's setting. This setting is unavailable when Timeshift is set as 'Off'.
- **Timeshift to Record:** Set that during timeshift if you press REC key the system will whether or not to record the data that have been buffered by timeshift. If On is selected, after you press REC key the data that have been buffered by timeshift will be saved into a file first and new data will then be saved into another file. If Off is selected, the buffered data will be removed first and then the system will start to record new data.

7 SETTING

7.1 Ethernet Config

Through the Ethernet Config item you can carry out Ethernet related settings.

Highlight the Ethernet Config item in the Setting menu and then press OK or RIGHT keys to enter the Ethernet Config menu. This menu has five items, see the figure below:



Ethernet Config

- **Link Type:** Select to use either Wire Network or Wireless Network.
- **Config:** Select the network connection method. After entering this item, network connection methods and related information can be found.

In which, the first item, Config Mode, is to select a network connection method. There are four methods: Bootp, PPPoE, Static IP and DHCP. DHCP is the default method.

- If the PPPoE method is chosen, the PPPoE Set item at the bottom will become active (see the figure below). After entering this item, a user name and password input interface will appear.
- If the Static IP method is chosen, the IP Address, Netmask, Gateway and DNS Server items will become active (see the figure below). Users can establish the network connection by giving these parameters.

After setting, press EXIT key to return to the Ethernet Config menu.

Ping Test: Through this item you can test the connection state to the target IP address. After entering this item, the following menu appears. In which, the Times item is to set the times the Ping test will be carried out.

- **Preferred Storage:** When there are several storage devices connected, you can through this item select one of them to store network data while in Network Mode.
- **MAC Address:** Not configurable, showing the MAC address of the network adapter card.

7.2 Factory Reset

Through the Factory Reset item you can reset the system to factory settings.

Press UP/DOWN keys to highlight this item and then press OK key, and a password input dialog will appear. Input a correct password (default: 0000), and the system will then start to reset to factory settings. When finished, the Init Install menu (see 0) will show, through which you can re-initialize the system.

7.3 Upgrade

The Upgrade item is for software upgrade. See chapter 9 for details about software upgrade.

7.4 Version

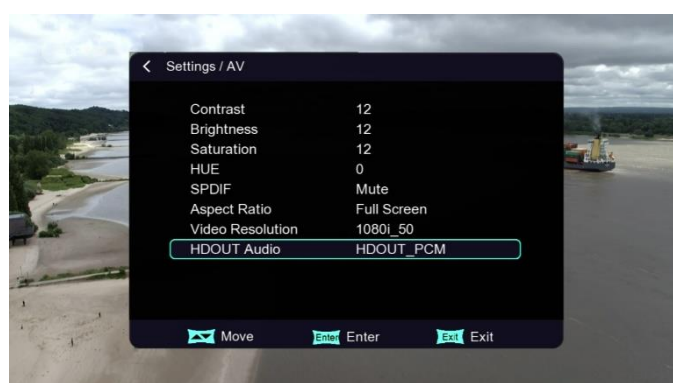
Through the Version item you can view the version information of system hardware and software as well as the build date of the system. See the figure below:



Version

7.5 AV Setting

The AV menu is to carry out video output related settings such as brightness, resolution and output format. In the Main Menu, press UP/DOWN keys to highlight the AV menu item and then press OK key to enter the AV menu. See the figure below:



AV Setting

7.6 SPDIF

The SPDIF item is to set the output format of digital audios. After highlighting this item, press OK key to pop out an option list,

The list has three options: PCM, Bitstream and Mute.

7.7 Aspect Ratio

The Aspect Ratio item is to set the proportion between the length and width of output videos. After highlighting this item, press OK key to pop out an option list.

The list has four options: 16: 9, Full Screen, 4: 3 LB (Letter Box) and 4: 3 PS (Pan Scan).

7.8 Video Resolution

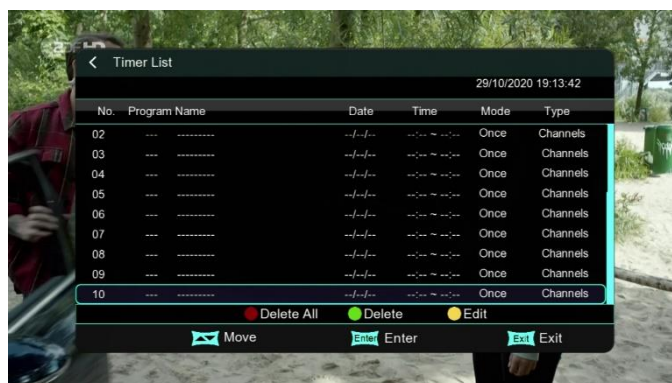
The Video Resolution item is to set the resolution (up to 1080p_60 (Full HD)) and refresh rate of video output. After highlighting this item, press OK key to pop out an option list,

The list has following options ('p' indicates progressive scan; 'i' indicates interlaced scan

- Auto Detect
- 480p_60, 480i_30
- 576p_50, 576i_50
- 720p_60, 720p_50
- 1080p_60, 1080p_50, 1080i_60, 1080i_50

7.9 Timers

Through the Timers item, you can manage scheduled programs. In the Timers menu you can view and edit the scheduled program's name, start time, schedule type and so on. See the figure below:



Timer List

In the above figure the fields from left to right are: Timer No., Program Name, Date, Time, Mode and Type. **Program Name** indicates the scheduled program. **Data** and **Time** indicate the scheduled time. **Mode** indicates the schedule mode: Once, Daily, Weekly or Monthly. **Type** indicates the behaviors after the scheduled time is reached.

In this list, you can:

- Press the red function key to delete all timers in the list.
- Press the green function key to delete the selected timer.
- Press the yellow function key or OK key to edit the selected timer. The following edit menu will appear.



Timer Edit

- **Date:** Scheduled date. To edit it, highlight the Date item first and then press RIGHT key to enter its editing state.
- **Program Name:** Scheduled program. To edit it, highlight the Program Name item first and then press RIGHT key to enter its editing state.
- **Start Time:** Start time of schedule. To edit it, highlight the Start Time item first and then press RIGHT key to enter its editing state.
- **End Time:** Cannot be set by hand. When the Type item is set as either 'VCR' or 'Recorder', this parameter will auto change according to the Start Time and Duration settings; when the Type item is set as others, this parameter is the same with the Start Time.
- **Duration:** Schedule duration. Available only when the Type item is set as 'VCR' or 'Record'. To edit it, highlight the Duration item first and then press RIGHT key to enter its editing state.
- **Mode:** Schedule mode. Four options: Once, Daily, Weekly and Monthly.
 - *Once:* In this mode, the scheduled behaviour will happen only once at the specified time. After that, the timer will be deleted.
 - *Daily:* In this mode, the scheduled behaviour will happen at the specified time every day.
 - *Weekly:* In this mode, the scheduled behaviour will happen at the specified time every week.
 - *Monthly:* In this mode, the scheduled behaviour will happen at the specified time every month.
- **Type:** Schedule type. Five options: Recorder, VCR, On, Channel and Standby.
 - *Recorder:* The system will record the scheduled program when the scheduled time is reached. Users can select whether or not to record AD, TTX and Subtitle.
 - *VCR:* Similar to the Recorder type. But, AD, TTX and Subtitle will not be recorded. VCR.
 - *On:* While in standby mode, the system will auto wake up and then play the scheduled program if the scheduled time is reached.
 - *Channel:* The system will auto switch to the scheduled program to play when the scheduled time is reached.

- *Standby*: The system will enter the standby mode when the scheduled time is reached.
- **AD Record, Subtitle Record, Teletext Record**: Set whether to record AD, TTX and Subtitle or not. Available only when the Type item is set as 'Recorder'.

8 RECORD & TIMESHIFT

8.1 Record

In full screen mode, if you want to record the being-played program, just press REC key.

- If there is no USB device or card inserted, corresponding message will appear: "No Storage Device"
- If there has been a USB device or card, the system will initialize the USB device or card and then start to record.
- During recording, to pause the recording, press PAUSE key.
- During recording, to stop recording, press STOP key. A confirmation dialog will appear. See the figure below.



Stop Recording

- During recording, pressing INFO key can show the recording information. Pressing INFO key again will show the record file list.

8.2 Timeshift

The Timeshift function is to play the programs that have already been played just before. At present there are three methods to start the Timeshift function, which can be set through **Main Menu -> Preference -> PVR Config**.

Three options of the Timeshift item:

- **Auto**: Auto start the Timeshift function 5 seconds after entering any channel.
- **Pause**: During full-screen playing, press PAUSE key to start the Timeshift function.
- **Off**: During program recording, press PAUSE or FR keys to start the Timeshift function.

8.2.1 Timeshift: Auto

If you choose the 'Auto' method for the Timeshift item, you should also configure the Timeshift Length and Timeshift to Record items to set the time length of timeshift and whether or not to turn on the record function during timeshift. After setting, the Timeshift function will auto work 5 seconds after entering any channel.

To watch the program content before current time, press FR key to go back to the desired time period. Press STOP key to exit the timeshift play.

8.2.2 Timeshift: Pause

If you choose the 'Pause' method for the Timeshift item, you should also configure the Timeshift Length and Timeshift to Record items. After that, while watching a program if you want to start the Timeshift function, just press PAUSE key. The system will then start to save a video piece from the current time for you to watch later.

8.2.3 Timeshift: Off

If you choose the 'Off' method for the Timeshift item, the Timeshift Length and Timeshift to Record items are unavailable. In this case, you can press PAUSE or FR keys to start the Timeshift function only when recording program. The timeshift length depends on the free space of the USB device or card.

9 UPGRADE

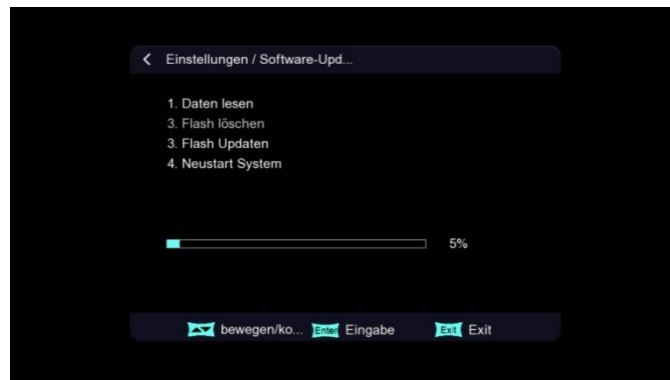
You can carry out system software upgrade through **Main Menu -> Settings -> Upgrade**.

At present the system supports three methods to upgrade the system software: USB Upgrade, OTA Upgrade and NET Upgrade.

9.1 USB/Card Upgrade

Highlight the USB Upgrade item and then press OK key to enter the following USB Upgrade interface. If there is no USB device inserted, corresponding prompt will appear.

Select the partition in which rom.bin is stored, then press OK key to enter a file list. From the file list, select rom.bin and then press OK key to start the USB upgrade. The interface will be as below:



USB Upgrade Flow

When the USB Upgrade completes, the system will auto restart.

9.2 HTTP Upgrade

See below:



HTTP Upgrade Setting

Setting items:

- **Upgrade Mode:** Select HTTP upgrade method.
- **Upgrade Type:** Select HTTP upgrade Type
- **Current Version:** Display current software version information
- **Server Version:** version information

10 Trouble Shooting and environmental Protection

Trouble Shooting

Problem	Possible Causes	What To Do
No display light up on front panel	Power Cord is not well plugged	Check to make sure power cord is plugged properly into power socket
No sound or picture, but the front panel red light is ON	The unit is in standby mode	Press the standby button
No sound or picture	The satellite dish is not pointing at the satellite	Adjust the dish. Check the Signal Level in the Antenna Setup Menu
Bad picture/Blocking Error	No signal or weak signal	Check the cable connections, LNB and other equipment connected between the LNB and the receiver and adjust the dish
	The satellite dish is not pointing at the satellite	Adjust the dish
	Signal is too strong	Connect a signal attenuator to the LNB input
	Satellite dish is too small	Change to a larger dish
	LNB noise factor too high	Change to an LNB with lower noise factor
	The LNB is faulty	Change the LNB
No picture(Video)	The system is connected by SCART cable and TV is not in AV/EXT mode	Check the UHF channel fixed in your system and tune the UHF properly
There is interference on your digital satellite channel	The system is connected using RF cable and the output channel of the receiver interferes with an existing terrestrial channel or Video Signal	Change the receiver output channel to a more suitable channel or connect the system using SCART cable
The RCU is not working	Out of battery	Change the battery
	RCU is aimed at wrong direction	Aim the RCU at the unit, and make sure no blocks between the front panel and RCU

Note: If you still cannot resolve the problem with above reference. Please contact the local dealer or their after-sales service center.

Environmental protection



Attention:

Your product is marked with this symbol. This means that the electrical and electronic products used must not be mixed with general household waste. There is a separate collection system for these products.



Service

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