EDISION®

HDMI™ HIGH DEFINITION MULTIMEDIA INTERFACE

VIDEO TEXT

EDIVISION® Elektronische Programmzeitung

Personal Video Recording PVR

USB

FullHD

DIGITAL TERRESTRIAL RECEIVER MPEG-4

mini-triton 2 HD

User's Guide

User's Guide
mini-triton 2 HD

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GENERAL INFORMATION

This Digital Terrestrial Receiver (DTR) mini triton 2 HD, will take you to the new and exciting world of Digital Television. A world of crystal clear widescreen pictures, digital sound, more information and new services. All this and more on «Free to Air» Digital Television. To make full use of your new DTR please take the time to familiarize yourself with the extensive features of the unit detailed in this User's Guide. If you need help in setting up please call your dealer or a customer service adviser..

Main Features

- HD H.264 / SD MPEG-4 & fully DVB-T compliant
- Automatic PAL/NTSC conversion
- 1000 channels TV and Radio programmable
- 8 different favorite groups selection
- On Screen Display with multi-language
- Fully support to 7 days Electronic Program Guide(EPG)
- Picture in Graphics(PIG) support
- 256 colors On Screen Display
- Channel search in automatic, manual search
- Various channel editing functions(favorite, move, lock, rename and sort)
- Parental control for channels
- Ease to use Menu System
- Software upgrades through USB port
- Time set by GMT offset automatic and manual, Summer Time support
- Automatic turn on/off by Timer setting(multiple options)
- Subtitle support DVB EN300743 and EBU
- Teletext support DVB ETS300472 by VBI and OSD
- Automatic save for last channel
- Support Logic Channel Number(LCN)
- Support FAT16/FAT32/FAT12,NTFS(Option)
- MP3/ JPEG/ BMP/ OGG files
- Default 2 hours, user can setting the end time(Support subtitle),
- record scramble program and descramble program
- Lock/Delete/Rename,Preview playback, Browse record files information
- Play/Pause/Stop
- Fast Forward/Fast Backward 2/4/8/16/32,

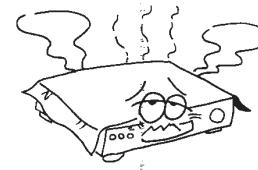
GENERAL INFORMATION

For Your Safety

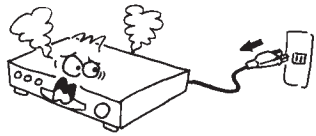
• To avoid electric-shock hazards, do not open the cabinet, refer servicing to qualified personnel only.

• Keep the receiver away from flower vases, tubs, sinks, etc., in order to avoid damaging the equipment.

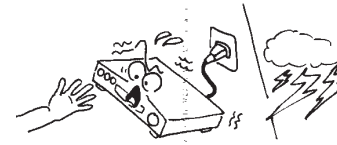
• Do not expose the receiver un-der the sunlight. And keep it away from the heat source.



• Do not block ventilation holes of the Receiver so that air can circulate freely.



• When the abnormal phenomenon occur, you should cut off the power immediately.



• Do not touch the receiver during thunder, since that might create electric-shock hazards.

• Switch the receiver off whenever it remains out of service for an extended period.

• Be sure to turn the Receiver off and disconnect the AC power cord before cleaning the Receiver surface. If the surface is dirty, wipe clean with a cloth which has been dipped in a weak soap-andwater solution and wrung out thoroughly, and then wipe again with a dry cloth.

GENERAL INFORMATION

Unpacking (optional)

- Remote Control
- Batteries
- User's manual

General Operation

• Throughout this manual you will notice that the everyday operation of the receiver is based on a series of user friendly on screen display and menus. These menus will help you get the most from your receiver, guiding you through installation, channel organizing, viewing and many other functions.

• All functions can be carried out using the buttons on the RCU, and some of the functions can also be carried out using the buttons on the front panel.

• The receiver is easy to use, always at your command and adaptable for future advances.

• Please be aware that new software may change the functionality of the receiver.

• Should you experience any difficulties with the operation of your receiver, please consult the relevant section of this manual, including the Problem Shooting, or alternatively call your dealer or a customer service adviser.

GENERAL INFORMATION

RCU

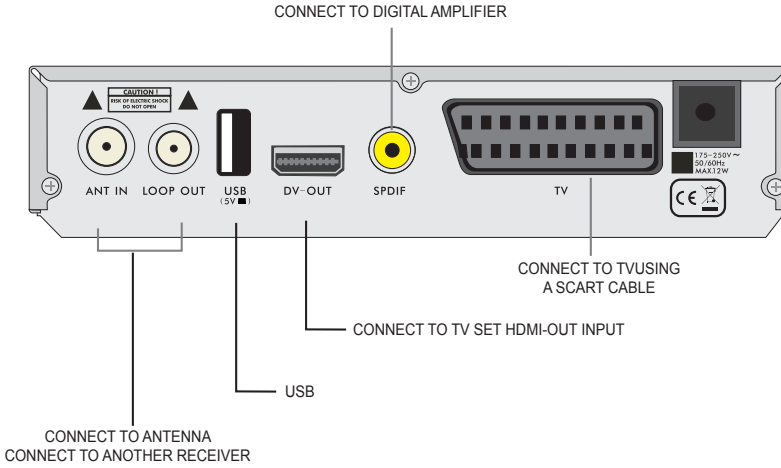
Key	Function
⏻	Turns power ON/OFF of the DTR
🔇	When watching a program, mute the sound
0~9	Enter number of the required menu item or select a program number to watch
TV/RADIO	Switches between TV and Radio mode
◄— PR	Switches back to previous program
FAV	Display the favorite program list
INFO	Shows information of the current program
FIND	Display the FIND window
Pg- Pg+	Moves up / down a page in the program list
MENU	Press this key one time to run menu onscreen, and call command box
CH+ CH-	When watching a program, change programs or move to the next higher or lower item in the menu
LIST	Executes the selected item in the menu screen or enters the desired value in any input mode
EXIT	Returns to the previous menu on the menu screen or escape from the menu
VOL- VOL+	When watching a program, adjust the volume or move to the left or right item in the menu
AUDIO	Selects the different audio modes
EPG	Calls up the EPG
PAUSE / II	Press once to pause the screen picture, press once again to go to the normal mode
V-FORMAT	Resolution
SUBTITLE	Switch to subtitles
TIMESHIFT	Start TIMESHIFT
TXT	Switch to teletext mode
GOTO/USB	GOTO/USB
ZOOM ⊞	Enter into the nine-pictures mode displayed on the screen.
REC	Record the program
▶ ■	Play and stop the program
◀◀ ▶▶	Press to fast forward or fast backward
⏮ ⏭	Seek forward or backward
ASPECT	ASPECT Ratio screen

• The picture is only for reference, please make the object as the standard.

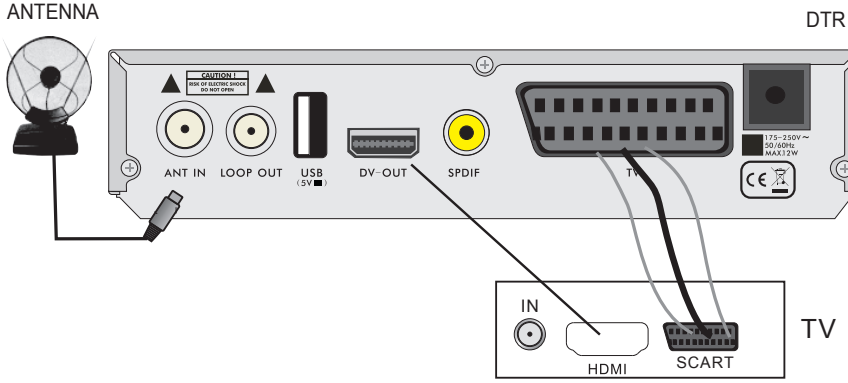
GENERAL INFORMATION

Front Panel

Real Panel



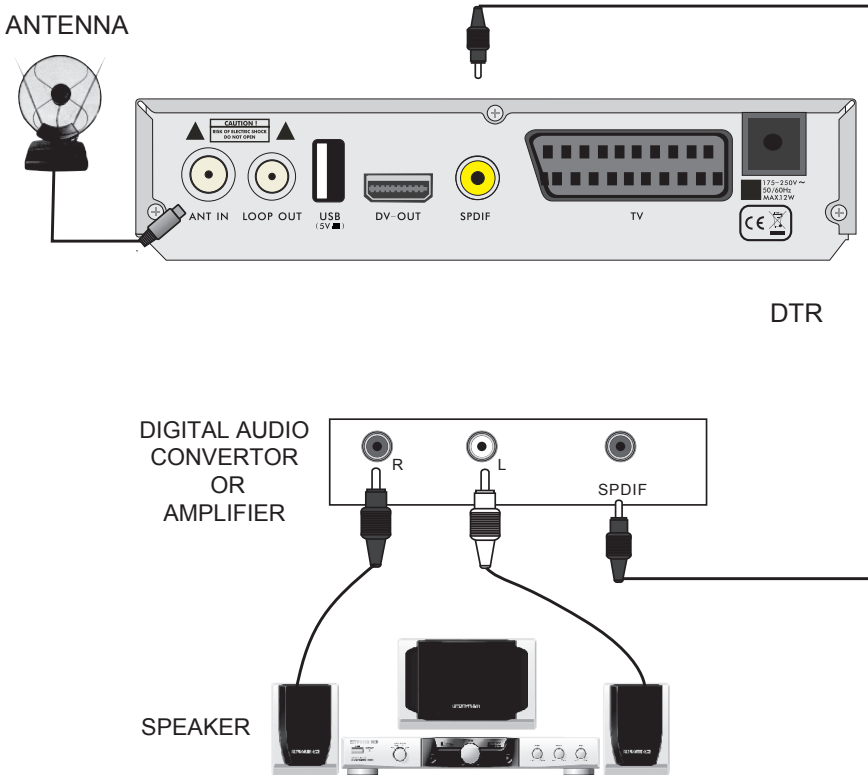
Connecting to TV using SCART support



• The picture is only for reference, please make the object as the standard.

ISTALLATION

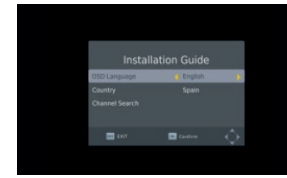
Connecting to Digital Amplifier



• The picture is only for reference, please make the object as the standard.

WELCOME PAGE

- When power on first time, it will show welcome page like below.



- Press **CH+,CH-** keys to move highlight to select **Region, Display Mode, Aspect Mode and language.**

  Press ◁ ▷ keys to move the cursor to choose your choice.

- Move highlight to **Channel Search** option and press **OK** key to search channels .

- Press [EXIT] key to exit this menu.

MAIN MENU

• When you press [MENU] key, you can enter **Main Menu**.
This menu consists of 7 major sub-menus as below.

- **Program**
- **Picture**
- **Channel Search**
- **Time**
- **Option**
- **System**
- **USB**

1. Program

This menu consists of 5 major sub-menus as follow.

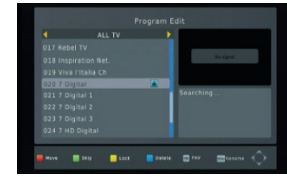
- **Program Edit**
- **EPG**
- **Sort**
- **LCN**

1.1 Program Edit

Press OK key to pop up the “Input Password” dialogue, you can not enter into the menu unless the correct password is inputted. The default password is “000000”.

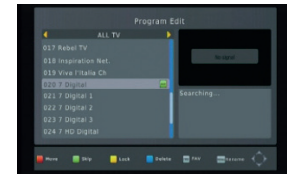
1. Press **CH+,CH-** keys to select the program that you want to play, and then press **OK** key to view it in the small window. If move the **yellow** cursor to select up or down, you will see a gray line which indicates the playing program in the small window.

2. Select the program and press **FAV** key to pop up the favourite type list. In the list, select the favourite type that you want and press **OK** key, and then you will find the favourite mark is displayed at the right side of the selected program. Select **disable** in favourite type list to remove all the Favourite types you selected, and the favourite mark will disappeared behind the program.

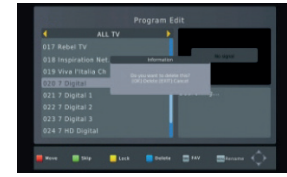


3. Select the program and press **yellow** key to mark this program with the Lock mark. You can cancel this mark by pressing **yellow** key once more.

4. Select the program and press **green** key to mark this program with the skip mark. You can cancel this mark by pressing **green** key once more.



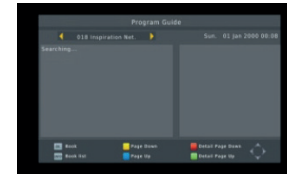
5. Select the program and press **blue** key to pop up a warning dialogue:» Do you want to delete this?» Press **OK** key to delete and press **EXIT** key to cancel.



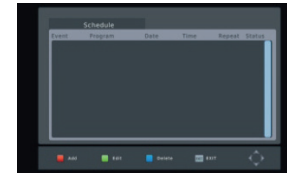
6. Press ←PR key to pop up the rename window. Press ◁ ▷ keys to move the cursor left or right to select the characters.

1.2 EPG

You can know the information of program in **Program Guide** window. Programs are in the left side list, and the detail the program is show on the right side. At the bottom of the window you can see the function keys. Press **blue** key to page up in program list, press **yellow** key to page down in program list. Press **green** key to page up in detail list and press **red** key to page down in detail list.



Press **OK** key to book the program You can see the program you selected in the book list in schedule as beside. In EPG mode you can press **INFO** key to enter book list. All the programs you booked will in the schedule. Press **red** key to add program to the book list, and press **green** key to edit the program. Press **blue** key to delete the program. Press EXIT key to exit book list window.

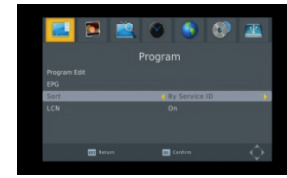


1.3 Sort

Select among by service ID, by LCN, by ONID, by service name.

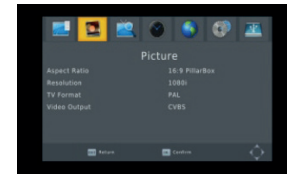
1.4 LCN

Select between On and Off.



MAIN MENU

2. Picture

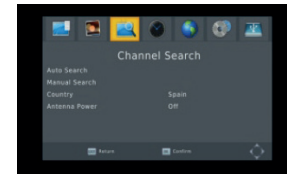


This menu consists of 5 major sub-menus as follow

- **Aspect Ratio**
- **Resolution**
- **TV Format**
- **Video Output**
- **3D Output**

2.1 Aspect Ratio
Select among 16:9 Pillar Box, 16:9 Pan&Scan, 4:3 Letter Box, 4:3 Pan&Scan, 4:3 Full, 16:9 Wide Screen and Auto.
2.2 Resolution
Select among 1080i, 1080p, 576i, 576p and 720p.
2.3 TV Format
Select between PAL and NTSC.
2.4 Video Output
Select between CVBS and RGB.
2.5 3D Output
Select between on and off

3. Channel Search

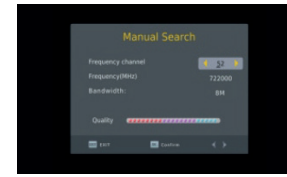


This menu consists of 5 major sub-menus as follow.

- **Auto Search**
- **Manual Search**
- **Country**
- **Antenna Power**
- **PMT Monitor**

3.1 Auto Search
Press OK key on **Auto Search** to search channels. For the first searching, all searched TV channels, Radio channels will be displayed on the list in order. Through one colour dynamic bar at the bottom of the search window, users can know searching progress of current therefore channel. The TV and Radio Channels you searched will be shown on the list, you can know the number of programs at the top of window During the searching, you can press EXIT key to cancel. After searching, press EXIT key to return the normal mode.

MAIN MENU



3.2 Manual Search

Frequency channel: Press key to select the channel
Frequency: Press number key to input.
Bandwidth: Press keys to select among 6,7 and 8M
After setting, press OK key to enter into the searching window.
Through two colour dynamic bars at the bottom of the search window, users can know
signal quality and strength of current therefore channel.

3.3 Country

Press key to select country.

3.4 Antenna Power

Select On or Off.

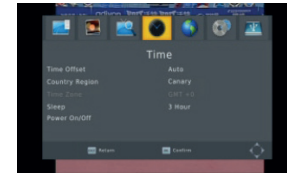
3.5 PTM Monitor

Select On or Off.

4. Time

There are 4 sub-menus in this menu

- **Time Offset**
- **Country Region**
- **Time Zone**
- **Sleep**



4.1 Time Offset

Select between Auto and Manual. If select Auto, Time zone item will turned gray, if select
Manual, you can edit the Time Zone item, but the country Region item will turned gray.

4.2 Country Region

Press keys to select.

4.3 Time Zone

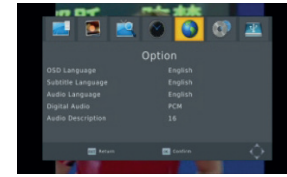
Press keys to select from GMT-12 to GMT+12.

4.4 Sleep

Press keys to select among Off, 1 hour to 12 hour.

MAIN MENU

5. Option



Dieses Menü besteht aus 4 Funktionen:

- **OSD Sprache**
- **Untertitel Sprache**
- **Audiosprache**
- **Digitales Audio**

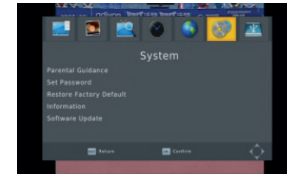
5.1 OSD Sprache
Drücken Sie die - **Tasten** um die Sprache des Receivers auszuwählen.

5.2 Untertitel Sprache
Drücken Sie die - **Tasten** um die Sprache der Untertitel auszuwählen.

5.3 Audiosprache
Drücken Sie die - **Tasten** um die Audiosprache auszuwählen.

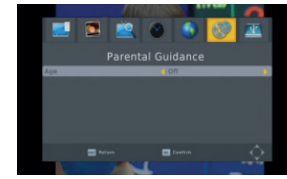
5.4 Digitales Audio
Drücken Sie die - **Tasten** um zwischen PCM/, RAW/HDMI RAW, RAW/HDMI PCM und Off auszuwählen.

6. System



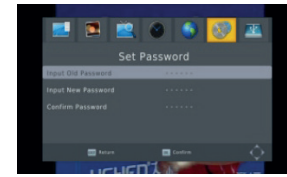
Dieses Menü besteht aus 5 Funktionen:

- **Kindersicherung**
- **Pin-Code einrichten**
- **Werkeinstellungen wiederherstellen**
- **Informationen**
- **Software Update**



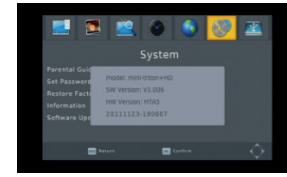
6.1 Kindersicherung
Sie können das Alter von 4-18 Jahre auswählen, oder Ausschalten.

6.2 Set Password



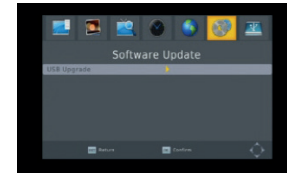
Input old pass word: Input the pass word by pressing number keys 0-9.
Input new pass word: Input the pass word by pressing number keys 0-9.
Confirm new pass word: Press number key 0-9 to input new pass word again.
Note: The default password is:000000.please safekeeping your new password or it will influence your operation. If new pass word lost, please contact service provider.

6.3 Restore Factory Default



Choose the option of **Restore Factory Default** and press [OK] key to restore.
Press OK key to start and press EXIT key to quit.
Note: Please use this function carefully.

6.4 Information



When you enter Information menu, the screen displays receiver information, such as model, SW Version and so on.
Press [EXIT] key to cancel this menu.

6.5 Software Upgrade

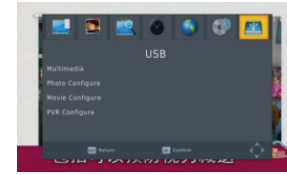
6.5.1 USB Upgrade

Press OK to upgrade through USB Device.

MAIN MENU

7. USB

This menu has 4 sub-menus such as: **Multimedia,Photo Configure, Movie Configure, PVR Configure and Record.**

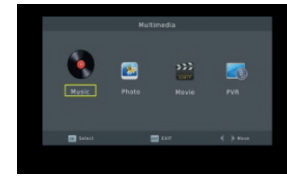


7. 1 Multimedia

There are 4 sub-menus in this menu

- **Music**
- **Photo**
- **Movie**
- **PVR**

These menus will be disabled when no USB device is plugged.

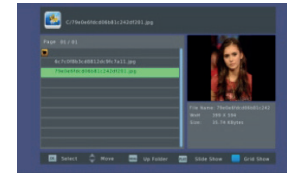


7.1.1 Music

Press OK key to enter the Music window.
Press **CH+,CH-** keys to move cursor up and down, press ◅ ▻ keys to back to the Folder.
Select the music and press OK key to play it, press ► and II key to play or pause, and press ■ key to stop playing.

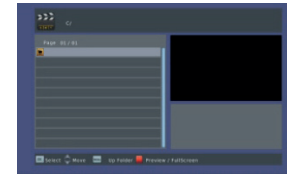
7.1.2 Photo

Select the picture and press ► key enter slide show mode.
Press **blue** key to enter grid show mode. In this mode, select the picture and press **OK** key to see it in full screen.



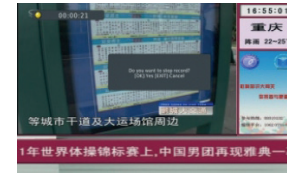
7.1.3 Movie

Select the movie you want to watch and press **red** key enter full screen mode.



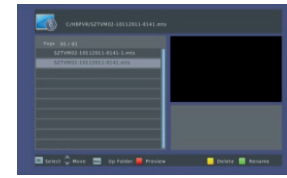
7.1.4 PVR

In normal mode, press RECORD key on RCU, then the "00:00:21" symbol will appear on the screen. It means you are recording the program now.
Press " ■ " key it will pop up a dialogue:"Do you want to stop record?" Press **OK** to stop recording and save it or press **EXIT** to continue recording. If you select stop recording the program you recorded will be add to the **PVR RECORD** folder in **PVR** submenu



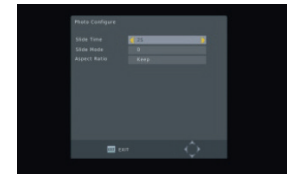
MAIN MENU

In **PVR** menu you can see the program you recorded.



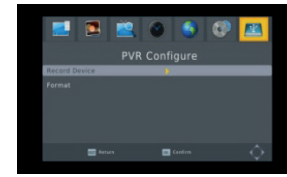
Press **red** key to switch to full screen mode, and press exit key to back to preview mode.
Press **yellow** key to delete the program.
Press **green** key to rename the program.
Press **OK** or ► key to play the program.
Press " ■ " key to stop playing.
Press " ◀◀ ▶▶ " keys to play fast forward or fast backward.

7. 2 Photo Configure
1. Slide Time: Select among 1s-8s.
2. Slide Mode: Select among 0-59 or Random
3. Aspect Ratio: Select between Keep and Discard



7. 3 Movie Configure
1. Subtitle Specific: Select among normal, big and small.
2. Subtitle BG: Select among Transparent, Gray, White and YellowGreen.
3. Subtitle Fontcolor: Select among red, white, black, blue and green.

7. 4 PVR Configure
1. Record Device: You can know the information of the USB device.
2. Format: Press OK key to format the disk.



8. Hot Key

8.1 Number

Use the numeric keys (0-9) to input the number of the desired channel. If the inputted number is beyond the valid channel number, system will “Invalid number” and press OK key to close this message.

8.2 TV/RADIO

In normal mode, press TV/RADIO key to switch between TV mode and Radio mode.

8.3 Up/Down (Channel Change)

Press **CH+,CH-** keys to change the channel up or down.

8.4 Left/Right (VOL+/-)

Press keys or **VOL+,VOL-** keys to change the volume. Press keys to decrease the volume , while press keys to add the volume.

8.5 Mute

Press key to close the volume. You can press key once again to restore the volume, or press keys to open the volume.

8.6 Teletext

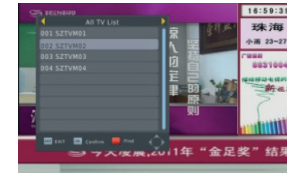
Press TXT keys to open the teletext on the screen.

8.7 Find

Press **red(Find)** key to pop up the **Find** window.
Press keys to enter into the character.

8.8 OK

1. During the viewing or listening, press OK key to pop up the TV program list or the Radio program list.
2. Press **CH+,CH-** keys to select the channel up or down, and then press **OK** key to play this channel in full-screen.
3. Press **MENU** or **EXIT** key to close this window.



8.9 Audio

1. Press AUDIO key to enter into the Audio window.
2. Press ◁ ▷ keys to select between Left-Left, Right-Right and Left-Right.
3. Changing the audio mode is only connected with the current channel, not all the channels.
4. Press **EXIT** key to close this window.

8.10 Recall

Press ←PR key to switch the current channel to the previous channel.

8.11 Info

Press INFO key to enter into the information window

8.12 FAV

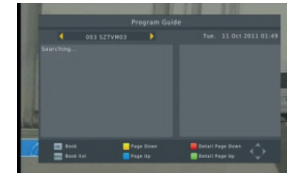
1. Press FAV key to pop up the favourite group window.
2. Press ◁ ▷ keys to select the favorite group. Press **CH+,CH-** keys to select the channel up or down. Press **OK** key at the selected channel to view it in full-screen. Press **EXIT** key to exit.
3. If there is no favorite channel, system will inform “ No Favorite Program!” when you press **FAV** key.

8.13 EDV

Please refer to 1.2 EPG, here we don’t explain anymore.

8.14 Subtitle

Press ⊡ key to open the subtitle window on the screen.



TROUBLE SHOOTING

Problem	Possible causes	What to do
The display on the front panel does not light up.	Main cable is not connected.	Check that the main cable is plugged into the power socket.
No sound or picture, but the front panel shows red light.	The receiver is in standby mode.	Press the standby button.
No sound or picture.	No signal or weak signal.	Check the cable connections, antenna and other equipment connected between the antenna and the receiver.
Bad picture / blocking error.	Signal is too strong.	Connect a signal attenuator to the antenna input.
	Antenna noise factor too high.	Change to an antenna with lower noise factor.
	The antenna is faulty.	Change the antenna.
The picture is not displayed on the screen, when switching on.	The system is connected by RF leads.	Check the UHF channel fixed in your system and tune the UHF channel properly.
There is interference on your terrestrial program or video signal.	The system is connected by RF leads and the output program of the receiver interferes with an existing terrestrial programs or Video signal.	Change the receiver output program to a more suitable program, or connect the system by SCART leads.
The RCU is not working.	Battery exhausted.	Change the batteries.
	RCU is incorrectly aimed.	Aim RCU at the receiver, or check that nothing blocks the front panel.

• Note : If you have tried all of the actions suggested above, without solving the problem, please contact your dealer or a customer service adviser.

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