

Built in Screen
External Screen

2



ismart®

Discover your smart life!

Full HD **Satellite Receiver** with **internet Tv**

1080P

Full HD



USER MANUAL

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GENERAL INFORMATION

A DigitalSatellite Receiver is a convenient product that allows you to view a variety of programs provided through satellite. This user's guide covers the installation of the DSR and the necessary steps to implement various features. This also explains special features available only in this DSR in detail, which will allow you to make full use of these features.

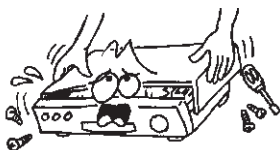
Information confirmed in this document is subject to change. We reserve the right, without notice, to make change in product design or performances as progress in engineering or technology.

Main Features

- MPEG2 SD, MPEG2 HD, H.264/AVC SD, H.264/AVC HD, MPEG4
- SCPC and MCPC receivable from C/Ku band satellite
- All of the PAL and NTSC analog TV standards supported
- 6000 channels TV and Radio programs
- 32 different favorite group selection
- Multi-language OSD
- Fully support to 7 days Electronic Program Guide (EPG)
- 16-bit color On Screen Display
- Various channel editing functions (favorite, moving, locking, renaming, deleting and sorting)
- DiSEqC 1.2 fully support, 13/18V, 0/22K
- Parental control for channels
- Easy to use Menu System
- Software upgrades through RS232 port, Support USB upgrade
- 8 Timer Reservations, automatically switch to a specific channel
- Teletext support DVB ETS300472 by VBI and OSD
- Automatic save for last channel
- Channel list can be sorted by alphabetic A-Z, Scramble, Favorite, Lock, Sat
- Support FAT16/FAT32/FAT12
- Only list JPEG/BMP files
- 576i/p, 720p, 1080i, 1080p with HDCP copy protection
- record one program and play a program at the same time
- Games

GENERAL INFORMATION

For Your Safety



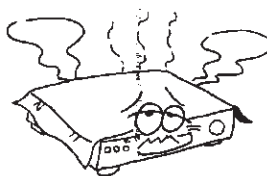
- To avoid electric-shock hazards, do not open the cabinet, refer servicing to qualified personnel only.



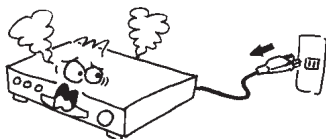
- Keep the receiver away from flower vases, tubs, sinks, etc., in order to avoid damaging the equipment.



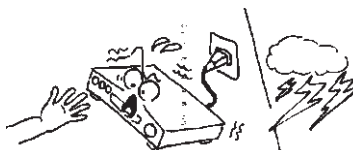
- Do not expose the receiver under the sunlight. And keep it away from the heat source.



- 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.

GENERAL INFORMATION

IMPORTANT SAFETY INSTRUCTIONS

1. Read these instructions – All the safety and operating instructions should be read before this product is operated.
2. Keep these instructions – The safety and operating instructions should be retained for future reference.
3. Heed all warnings – All warnings on the appliance and in the operating instructions should be adhered to.
4. Follow all instructions – All operating and use instructions should be followed.
5. Do not use this apparatus near water – The appliance should not be used near water or moisture – for example, in a wet basement or near a swimming pool, and the like.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacture's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at the plugs, convenience receptacles, and at the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart or rack is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.



13. Unplug the apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. CAUTION: These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.
16. Ensure that the ventilation is not impeded by covering the ventilation openings with items such as newspapers, table-cloth, curtains, etc.
17. WARNING: To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. The apparatus shall not be exposed to dripping or splashing and that objects filled with liquids, such as vases, shall not be placed on apparatus.

GENERAL INFORMATION

18. CAUTION: Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.
19. WARNING: The battery (battery or batteries or battery pack) shall not be exposed to excessive heat such as sunshine, fire or the like.
20. WARNING: The mains plug is used as disconnect device, the disconnect device shall remain readily operable



21.  Correct Disposal of this product. This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.

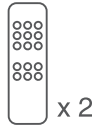
22. Environment temperature 0~35°C

GENERAL INFORMATION

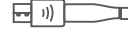
Unpacking (Optional)



M1 HD+ U.S Edition



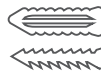
Remote Control



USB WIFI



Quick Guide



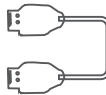
Two Screw &
Anchor



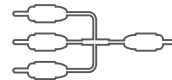
External Digit Sensor



Power Adapter



HD Cable



3x1 AV Cable

General Operation

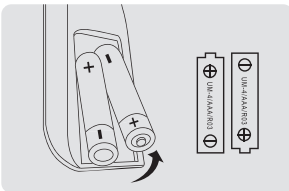
- Throughout this manual you will notice that the everyday operation of the receiver is based on a series of user friendly on screen display and menus. These menus will help you get the most from your receiver, guiding you through installation, channel organizing, viewing and many other functions.
- 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.
- If you experience any difficulties with the operation of your receiver, please consult the relevant section of this manual, including the trouble Shooting, or alternatively call your dealer or a customer service adviser.

GENERAL INFORMATION

RCU



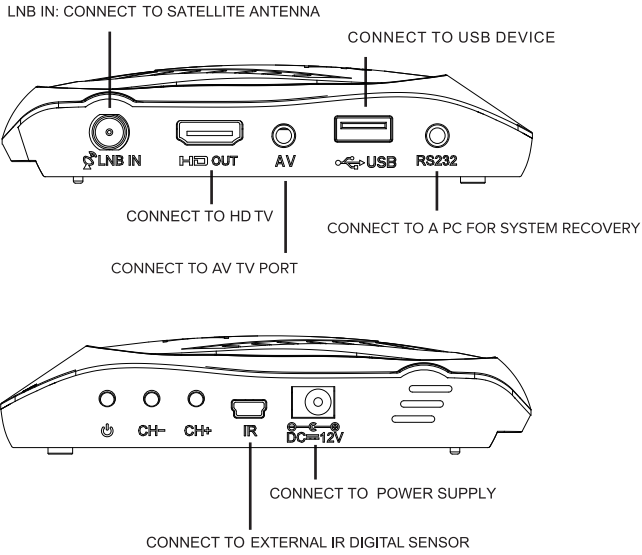
Installing Batteries in the Remote Control



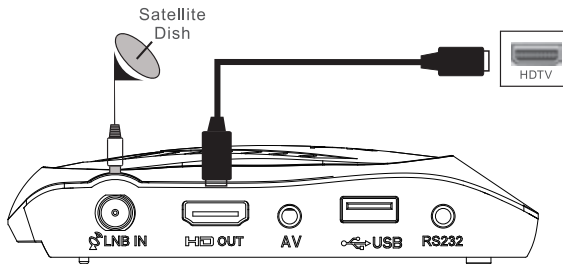
Key	Function
	Standby/On, Standby/Off
	When watching a channel, mute the sound
VEDIO	Play the video files from USB
SUB	Switch to subtitle mode
ZOOM	Enter into zoom-in mode
FIND	To find a channel by typing name
	Press to fastforward or fastbackward
	Previous or next
PAUSE	Press once to pause the screen picture, press once again to go to the normal mode
	Play and pause
	Stop recording
REC	Record the program
SAT	Display the satellite window
EPG	Call up the EPG (Electronic Program Guide)
DISPLAY	To change the TV Screen mode between 1080i, 1080p, 720, NTSC & PAL
TP	To show Satellite TP list
EPG	Call up the EPG (Electronic Program Guide)
INFO	Show information of the current channel
CH , CH	When watching a channel, change channels or move to the next higher or lower item in the menu
VOL , VOL	When watching a channel, adjust the volume or move to the left or right item in the menu
OK	Executes the selected item in the menu screen or enters the desired value in any input mode
MENU	Press this key one time to run menu on screen
EXIT	Return to the previous menu on the menu screen or escape from the menu
FAV	Displays the favorites group list
AUDIO	Displays the Audio Settings
VOL , VOL	When watching a channel, adjust the volume or move to the left or right item in the menu
PAGE , PAGE	Page up and page down
0-9	Enter number of the required menu item or select a channel number to watch
RECALL	Switches to previous channel
TV/R	Switches between TV and Radio mode
USB	Display external device window
NAVIGATION	Press to navigate left / right / up / down. Press OK to confirm your choice.

GENERAL INFORMATION

Rear Panel

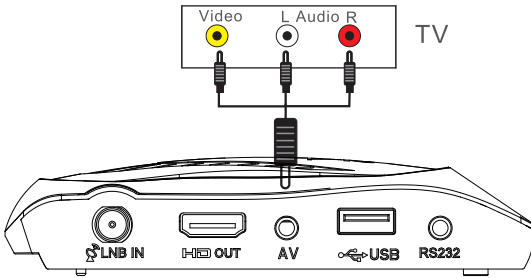


Connecting to TV using HD support

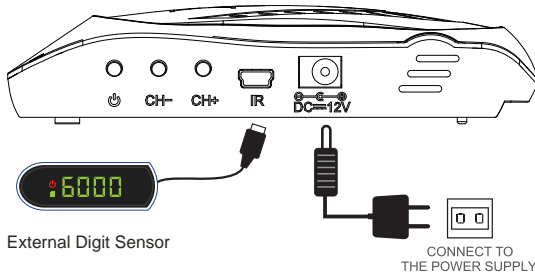


INSTALLATION

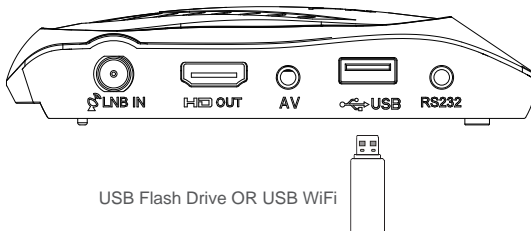
Connecting to TV using AV cable



Connecting to power supply and external IR-sensor



Connecting to USB device

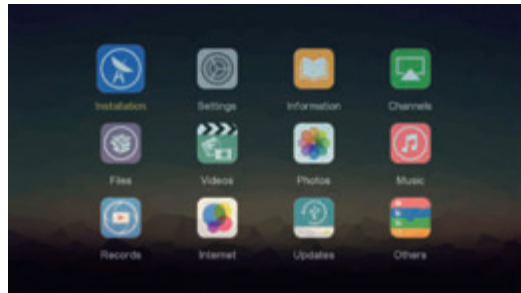


MENU INFORMATION

Main Menu

- Make sure that you have properly installed and connected the cables of the receiver. If the receiver is the factory status or there is no program list, when power on, the Main Menu window will be displayed on the screen.
During the normal TV/Radio mode, press MENU key on the RCU to enter into the Main Menu window.
- This menu consists of 12 major main icons as following.

- Installation
- Settings
- About
- Channels
- Files
- Videos
- Photos
- Software Update
- Records
- Internet
- Music
- Others



- Use the CH+, CH- key to move upwards and downwards from one line to another line and use VOL+, VOL- keys to move from main menu to sub menu and move from left side to right side or versa.

Meantime, you want to escape the menu system, please press MENU or EXIT key on the RCU.

MENU INFORMATION

1. Installation

1.1 Auto Scan

Press CH+, CH- keys to select the satellite up or down.

Press OK key to select and mark, and you can press OK key again to cancel the selection and the mark.

If there is no satellite, the red colour and green colour keys will be invalid.

Please select your Scan Type (Auto-Blind), also you can select the search type between Free and All.



1.2 Antenna Setting

Satellite: All selected satellites in the satellite list are displayed in this item.

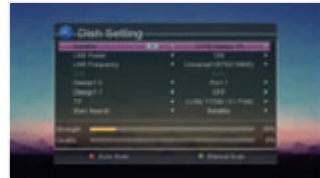
Press VOL+, VOL- keys to select the satellite in circle. Or press OK key to pop up the drop-down list, then select the desired satellite in the list and press OK key to confirm.

TP: Same operation as satellite.

LNB Power: Select between On and Off.

LNB Freq, DiSEqC1.0, DiSEqC1.1: The same operation as the above.

Press green key to auto scan window, press yellow key to manual scan window.



1.3 Motorized Setting

Satellite: All selected satellites in the satellite list are displayed in this item.

Press VOL+, VOL- keys to select the satellite in circle. Or press OK key to pop up the drop-down list, then select the desired satellite in the list and press OK key to confirm.

Frequency: Same operation as above.

Motor Type: Select between On and Off.

Press OK key to save.



MENU INFORMATION

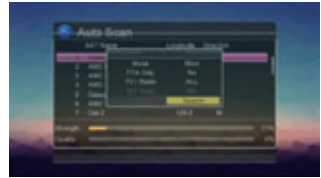
1.4 Auto Scan

Satellite : Press CH+,CH- keys to select the satellite.
Press VOL+, VOL- key to switch between satellite list and search type window.
Search Type: Select among ALL, FREE and TV .
Network Search: Select between On and Off.
Press OK key to search program.



1.5 Blind Scan

Press CH+, CH- keys to select the satellite.
Press OK key to scan program.



1.6 Manual Scan

Satellite : Press VOL+, VOL- keys to select satellite.
Frequency: Press VOL+, VOL- keys to select.
Network Search: Select between On and Off.
Press OK key to search program.
Search Type: Select among ALL Channels, Free Channels and TV Channels.
Nit Search: Select between On and Off.
Press red key to start scan programs, press green key to add TP , press yellow key to delete TP, press blue key to enter Dish Setting window.



MENU INFORMATION

2. System Setting

2.1 Time Setting

Mode : Select between auto and manual.

Date, Time: Press number key to input.

Time Zone: Select from -12 to +12.

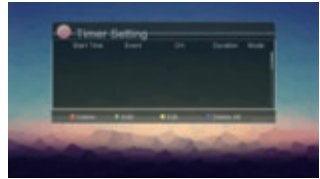
Summer Time: Select between ON and OFF. "OFF" delegates the normal time. If select ON, time will add one hour.



2.2 Timer Setting

You can add, delete and edit event in this window

Press green key to add event, press red key to delete, press yellow key to edit event.

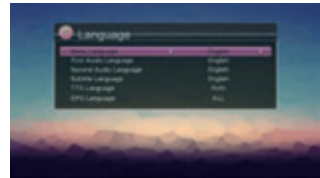


2.3 Language

Press OK key to enter into the Language window.

Press keys to select the language in VOL+, VOL- circle, while press CH+, CH- keys to move the cursor up or down in circle.

The types of the language, please refer to the configuration of the customer.



2.4 AV Setting

TV Standard: Select among Auto, 576i, 576p, 720p@50Hz, 720p@60Hz, 1080i@50Hz, 1080i@60Hz, 1080p@50Hz, 1080p@60Hz.

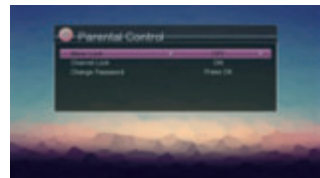


2.5 Lock Control

Before entering into the window, you Lock Control need input the correct password. The default password is 0000.

Menu Lock: Press keys to select VOL+, VOL- between Off and On. If select "On", you can not enter into the window before entering the password.

Channel Lock: Press keys to select VOL+, VOL- between Off and On.



MENU INFORMATION

Change Password:

Old Password: Use numeric key (0-9) to input the old password.

New Password: Use numeric key (0-9) to input the new password.

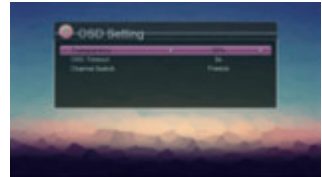
Confirm Password: Input the new password once again. Confirm password must be the same as the New password. System will inform you "Change password successfully!" while they are the same, or inform you to input the password of Confirm password once again when they are not the same.

2.6 OSD Setting

Transparency: Press keys to select VOL+, VOL- among 0, 10%, 20%, 30%, 40%, 50% and 60%.

OSD Timeout: Select among 3s, 5s and 7s.

Channel Switch: Select between Freeze and Black.

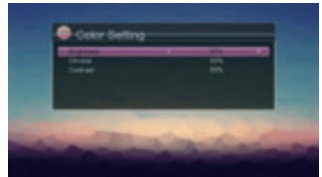


2.7 Color Setting

Brightness: Press VOL+, VOL- keys to select from 0-100.

Chroma: Press VOL+, VOL- keys to select from 0-100.

Contrast: Press VOL+, VOL- keys to select from 0-100.



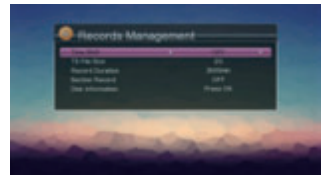
2.8 PVR Management

Auto Timeshift: Select between On and Off.

TS File Size: Select among 512M, 1G, 2G and 4G.

Record Duration: Select from 2h to 12h.

Disk Information: Press OK key to enter disk information window.



MENU INFORMATION

2.10 Factory Reset

Before entering into the window, you Factory Reset need input the correct password. The default password is 0000.

Select Yes button and press OK key to return to the factory setting. All searched channels and set information will be erased.

Select No button or CANCEL button and press OK key to cancel this operation.



3. Channels

3.1 Set Favorites

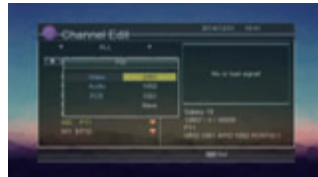
Press CH+, CH- keys to select favorite group, then select the program and press OK key to add in the favorite group.



3.2 Edit Channels

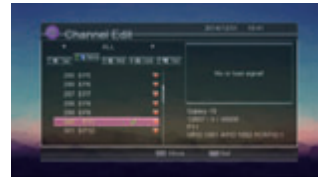
You can edit channel name, edit VPID, edit APID, edit PPID.

Press OK key to pop up keyboard. Press red colour key to switch between capital letter and lower letter; press green color key to switch to numeric and symbol keyboard; press CH+, CH- keys VOL+, VOL-, to move the cursor; press blue key to pop up language list. Press yellow key to save and exit, or press EXIT key to cancel and exit.



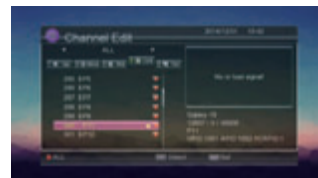
3.3 Move Channels

Select the program and press INFO key to mark this program with the move mark. Press CH+, CH- keys to move the cursor to the position where you want to locate and press OK key to confirm.



3.4 Lock Channels

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



MENU INFORMATION

3.5 Skip Channels

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



3.6 Delete Channels

Select the program and press OK key to mark this program with the deletion mark. You can cancel this mark by pressing OK key again. Press INFO key to mark all programs with the deletion mark. Press EXIT key to pop up the dialogue "DO you want to save?". Select Yes button and press OK key to save, or select NO button and press OK key to exit without saving.



3.7 Rename Channels

Select the program and press OK then press Green Button to change the name of the program by choosing from the key board on the screen.



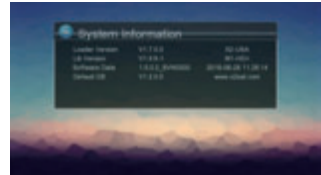
4. Game

Press OK key to play.



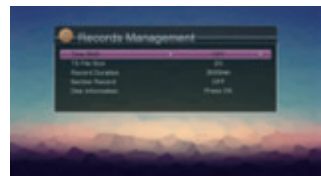
5. About

Press OK key to enter Information window.



6. Others

Press OK key to enter PVR settings

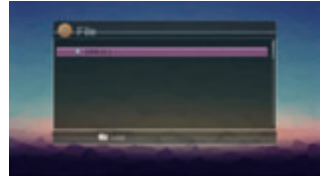


MENU INFORMATION

7. External Device

7.1 Disk Manager

You can format disk and testing USB speed in this window.

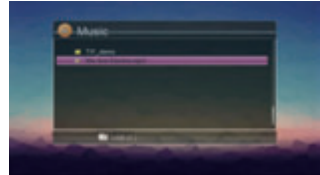


7.2 File Manager

ALL Show all files in USB device. Press PR+, PR- keys to select.

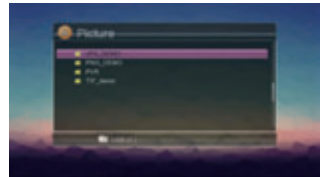
Music

Show all music files in USB device.
Select and press OK key to play the music.



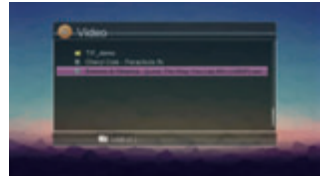
Photo

Show all image files in USB device.
Select and press OK key to view it in full screen mode.



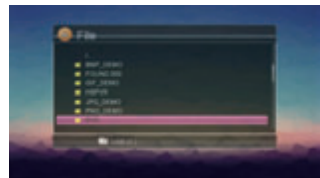
Movie

Show all video files in USB device.
Select and press OK key to play in full screen mode.



Records

Show all record files in USB device.
Select and press OK key to play in full screen mode.



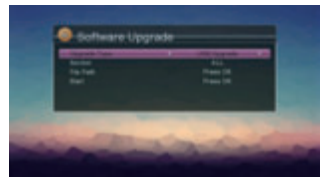
7.3 Software Upgrade

Upgrade Type: Select between Software Upgrade and Dump.

Section: Select among ALL, User, Boot, Kernel, Rootfs and Data.

Press OK key at File Path item to pop up a drop list to select the File path.

Start: Press OK key to start upgrade.



MENU INFORMATION

8. Hot Key

8.1 Info

Press INFO key to pop up the Info bar.

Press INFO key again to pop up the program guide of the current program.



8.2 EPG

Press EPG key to enter into the EPG window.

1. Press CH+, CH-, VOL+, VOL- keys to select up or down, left or right.

2. Press red colour key to pop up the Time Bar window. Press CH+, CH- keys to select up or down, while press \leftarrow \rightarrow keys to select left or right in the time bar.

\leftarrow : Press OK key at this button to return to the EPG window.

\uparrow : Press OK key at this button to move the cursor to the current time line.

$\blacktriangleleft \blacktriangleright$: Press OK key to push the time forward or backward by half an hour.

$\blacktriangleleft \blacktriangleleft \blacktriangleright \blacktriangleright$: Press OK key to push the time forward or backward by half an hour.

$\blacktriangleleft \blacktriangleleft \blacktriangleright \blacktriangleright \blacktriangleright \blacktriangleright$: Press OK key to push the time forward or backward by a day.

3. Detail Information: In the EPG window, press CH+, CH-, VOL+, VOL- keys to select the channel and program, and press OK key to know the detail information of the current program.

4. Press green colour key to previous day, press yellow key to next day.



8.3 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 "No such a channel" and press OK key to close this message.

MENU INFORMATION

8.4 TV/RADIO

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



8.5 Up/Down (Channel Change)

Press CH+, CH- keys to change the channel up or down. If in the all satellites group, you can select channel in all searched channels. If in the specific satellite, only can select channel in the satellite group.

8.6 Left/Right (Volume+/-)

Press VOL+, VOL- keys to change the volume. Press VOL- key to decrease the volume, while press VOL+ key to increase the volume.

8.7 Mute

Press  key to turn off the volume. You can press  key once again to restore the volume, or press VOL-, VOL+ keys to increase the volume.

8.8 Pause

During the viewing, you can press PAUSE key to stop the picture while the volume continues. You can play the picture by pressing PAUSE key once again.

8.9 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.



8.10 Audio

1. Press AUDIO key to enter into the Audio window.
2. Press VOL-,VOL+ keys to select among Left, Right, Stereo, and Mono.
3. Changing the audio mode is only connected with the current channel, not all the channels.
4. Press MENU or EXIT key to close this window.



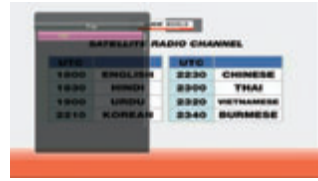
8.11 Recall

Press RECALL key to switch the current channel to the previous channel.

MENU INFORMATION

8.12 FAV

Press FAV key to pop up the favorite group window.
Press CH+, CH- keys to select the favorite group.
Press OK key at the selected channel to view it in full-screen. Press MENU or EXIT key to exit.



TROUBLE SHOOTING

Problem	What to do
Does not display any message on the front panel	<ul style="list-style-type: none"> ✓ Check the main power cable and check that it is plugged into a suitable power outlet.
No Picture	<ul style="list-style-type: none"> ✓ See 'Does not display any message on the front panel' above. ✓ To match the STB system with your TV system (PAL/NTSC), press V.Format button until a picture is displayed. ✓ Check the video output port is firmly connected to the TV or VCR. ✓ Check that you have selected the video Input on your TV. ✓ Check the brightness level of the TV. ✓ Check the resolution that your TV supports, and set the proper resolution with the remote Resolution button to obtain a picture.
Poor picture quality	<ul style="list-style-type: none"> ✓ See 'No Picture' above. ✓ Check the signal level, if this is low then tries adjusting the alignment of your dish
No Sound	<ul style="list-style-type: none"> ✓ See 'No Picture' above. ✓ Check the volume level of the TV and STB. ✓ Check the Mute status of the TV and STB.
Remote Control does not operate	<ul style="list-style-type: none"> ✓ Point remote control directly towards the STB. ✓ Check and replace batteries.
No or bad signal	<ul style="list-style-type: none"> ✓ Check the LNB; Replace the LNB if necessary. ✓ Check the cable from the LNB. ✓ Check the position of the dish; realign dish if necessary. ✓ If you are using a DiSEqC 1.0 switch, check that you have connected and programmed the LNBs to the correct connections on the switch. ✓ Check the 'Signal Level' and the 'Signal Quality' .

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.	The satellite dish is not pointing at the satellite.	Adjust the dish. Check the signal level in the Antenna Setup menu.
	No signal or weak signal.	Check the cable connections, LNB and other equipment connected between the LNB and the receiver, or 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.
Bad picture / blocking error.	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.
The picture is not showed 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 digital satellite channels, an existing terrestrial channel or video signal.	The system is connected by RF leads and the output channel of the receiver interferes with an existing terrestrial channels or Video signal.	Change the receiver output channel to a more suitable channel, 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 service provider.


GLOSSARY

BPSK	8-PSK is usually the highest order PSK constellation deployed. With more than 8 phases, the error-rate becomes too high and there are better, though more complex, modulations available such as quadrature amplitude modulation (QAM). Although any number of phases may be used, the fact that the constellation must usually deal with binary data means that the number of symbols is usually a power of 2 — this allows an equal number of bits-per-symbol.
DiSEqC	Stands for Digital Satellite Equipment Control. It is a special communication protocol for use between a satellite receiver and a device such as a multi-dish switch or a small dish antenna rotor. DiSEqC was developed by European satellite provider Eutelsat, which now acts as the standards agency for the protocol.
EPG	Electronic Program Guide is a digital guide to scheduled broadcast television or radio programs, typically displayed on-screen with functions allowing a viewer to navigate, select, and discover content by time, title, channel, genre, etc. by use of their remote control, a keyboard, or other input devices such as a phone keypad. Content can also be scheduled for future recording by a personal video recorder (PVR). The on-screen information may be delivered by a dedicated channel or assembled by the receiving equipment from information sent by each program channel.
FEC	Stands for Forward Error Correction. This is a system of error control for data transmission, whereby the sender adds redundant data to its messages, also known as an error-correction code. This allows the receiver to detect and correct errors (within some bound) without the need to ask the sender for additional data. The advantages of forward error correction are that a back-channel is not required and retransmission of data can often be avoided (at the cost of higher bandwidth requirements, on average).
HDTV	Stands for High-Definition Multimedia Interface. It is a compact audio/video interface for transmitting uncompressed digital data. HDTV connects digital audio/video sources—such as set-top boxes, Blu-ray Disc players, personal computers (PCs), video game consoles (such as the PlayStation 3 and some models of Xbox 360), and AV receivers—to compatible digital audio devices, computer monitors, and digital televisions. As an uncompressed connection, HDTV is independent of the various digital television standards used by individual devices, such as ATSC and DVB, as these are encapsulations of compressed MPEG video streams (which can be decoded and output as an uncompressed video stream on HDTV).
LNB	Stands for Low-Noise Block converter. This is the (receiving, or downlink) antenna of what is commonly called the parabolic satellite dish commonly used for satellite TV reception. The LNB is usually fixed on or in the satellite dish. The purpose of the LNB is to take a wide block (or band) of relatively high frequencies, amplify and convert them to similar signals carried at a much lower frequency (called intermediate frequency or IF). These lower frequencies travel through cables with much less attenuation of the signal, so there is much more signal left on the satellite receiver end of the cable. It is also much easier and cheaper to design electronic circuits to operate at these lower frequencies, rather than the very high frequencies of satellite transmission.



F1HD

If you are experiencing any difficulty
operating this product, contact us:

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