

Full High Definition Digital Satellite Receiver

REVOLUTION

Galaxy 60/60



REVOLUTION Galaxy 60/60

USER'S MANUAL

1. General Information

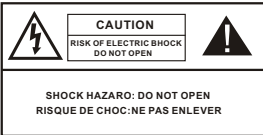
1.1 Important Safety Instructions

- 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 unit for long time, please pull the power plug out form 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 may cause fire or electric shock.
 - Place the unit in a well ventilated and no heat environment.
 - You must install the dish with correct direction and angle. If the dish is not working properly, contact your local dealer.
 - Install the unit horizontally. Unbalanced installation may cause the unit to be damaged by itself.
 - When the unit is suddenly moved to a hot area from a cold area, it may cause some problems. In that case, turn off the power, and turn on again after 1-2 hours.
 - Install the unit in place with:
 - Good Ventilation
 - Suitable Temperature
 - No Direct Sunrays
 - Low Humidity
 - Low Vibration Influence
 - Do not put heavy objects on the unit.

1.2 Additional Safety Information

- Keep receiver placed in clean space with sufficient ventilation.
- Do not cover the STB with or place it on a unit that emits heat.
- Clean the case by a soft cloth with a little washing liquid.
- Do not remove the cover
- Do not let the unit exposed to extreme heat, cold or humid conditions.
- No liquids or any other materials to come inside of the unit.

1.3 Markings on the Rear Panel



General:
This mark appears on the rear panel of the receiver.

Part 1
This mark consists of two Graphical Symbols and warning message. The detailed specifications are as follows:

CAUTION:
To reduce the risk of electric shock, do not remove cover (or back). Equipment service and maintenance should be undertaken only by trained personal.



Part 2
Each symbol stands for specific meaning.

The lighting flash with arrow symbol, within an equilateral triangle, is to alert the user to the presence of uninsulated dangerous voltage within the product's enclosure that may be of sufficient magnitude to constitute a risk to persons.

The exclamation point, within an equilateral triangle, is intended to alert the user to the presence of important operating and maintenance(servicing) instructions in the literature accompanying the appliance.

2. Control and Functions

2.1 Remote Control Unit



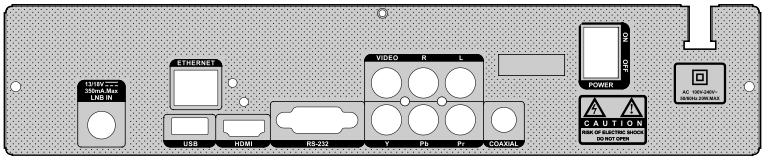
POWER	Turn on/off the STB
TV/SAT	Switch among TV/AV VCR mode
MENU	Show the main menu or exit back to previous menu
MUTE	Enable or disable the audio output
0-9	Select channels or enter programming
EXIT	Escape from present menu and save the settings
OK	Confirm the selected item or show the channel list
CH+/CH-(▲)(▼)	Channel change or move cursor up or down
VOL+/VOL-(▶)(◀)	Volume Control or move cursor left or right
EPG	Display the TV/Radio Program Guide
FAV	Display the favourite list
AUDIO	To set the output direction for speaker and change the Audio
	Language
TV/RADIO	Switch between TV and Radio mode
INFO	To display channel status or various program information for current channel
RECALL	Switch to the previous viewed channel
FIND	Enter to Find Channel Menu
ZOOM	Zoom in the selected picture
TTX	Switch to teletext mode
SUB.T	Switch to subtitle mode
REC	To record current channel
▶▶	Play or resume
■	Stop Play
▶▶▶	Fast forward
◀◀	Fast backward
VOL+/-	Increase or Decrease the volume
PAGE+/-	Page up or page down
GOTO	To appointed play
OPTION	To Media
MP	Multi-Picture
DEV	Device list
ASPECT	16:9 / 4:3
V.FORMAT	Resolution switch

2.2 Front Panel



KEY	FUNCTION
POWER	Turn on/off receiver
CH+/CH-	Channel change(Up/Down)
VOL+/VOL-	Volume Control(Up/Down)

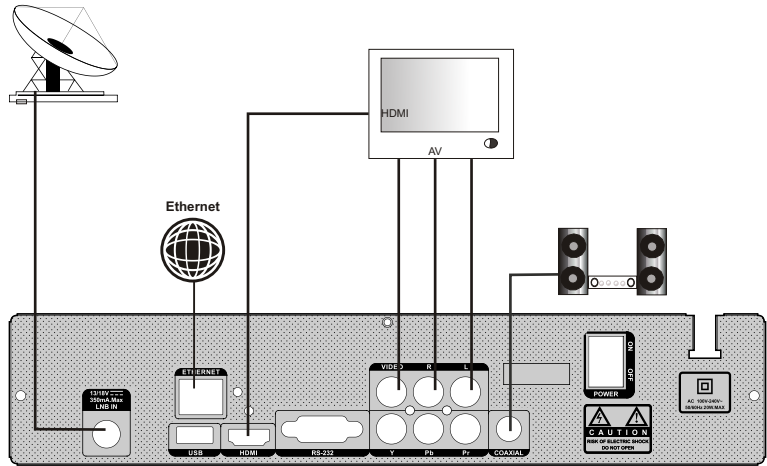
2.3 Rear Panel



CONNECTOR	FUNCTION
LNB IN	Connect to satellite antenna cable
RS232	Connect to PC for software upgrade
VIDEO	Connect to TV's video port
AUDIO R/L	Connect to TV'S audio port
COAXOAL	Connect to the TV for digital audio output
HDMI	Connect to TV's HDMI port
ETHERNET	Connect the Ethernet port

2.4 Installation of receiver

Please find relevant reference of installation described as below: When connecting new equipment to the receiver, be sure checking first related instructions for the proper way of installation.



2.5 Main Features

- DVB-S2 Tuner
- HDMI1.3, FULL-HD 1080P supported
- DiSEqC 1.0, 1.1 and 22K switching
- 5000 channels memory space
- PVR (Personal Video Record)
- EPG
- Teletext & Subtitle & Audio Language supported
- Video Zoom
- Built-in wifi
- HD Media Player
- Picture Player
- Music Player
- File Manager
- Firmware Upgrade via USB or Network
- EBOOK
- ISO
- Built-in LAN
- With CA

3. Installation

There are five sub items:

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

To search for programs or add new programs, you should enter the Installation menu.

To enter the Installation menu, press UP/DOWN keys in the Main Menu to highlight the Installation item and then press ENTER or RIGHT keys. A password input dialog pops out. After entering a correct password (default password is '0000'), the Installation menu appears. See the figure below.



3.1 Antenna Setting

In the Installation menu press UP/DOWN keys to highlight the Antenna Setting sub item and then press ENTER or RIGHT keys to enter the Antenna Setting.

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:** Turn on or off the 22KHz switch (On, Off).
- **12V:** Turn on or off the 12V switch (On, Off).
- **LNB Power:** Set whether or not there is a STB to supply power to LNB.
- **DiSEqC (Digital Satellite Equipment Control) Mode:** Select input signal. When more than one LNB is used, DiSEqC can be used to select one LNB to input.

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



3.2 Motor Setting

Through the Motor Setting page you can control the motor to adjust the direction of antenna so as to make the antenna accurately point to the satellite.

- **Satellite:** Select a satellite.
- **Transponder:** Select a transponder.
- **Motor setting:** Set the motor.

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



3.3 Limit Setup

There are three sub items:

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

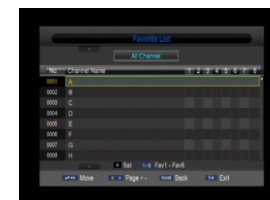
4. Channel

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



4.1 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 Channel menu press UP/DOWN keys to select the Favorite List item and then press ENTER key. See the figure below:
- There are total 8 favorite lists. You can press the 1-8 keys to add channels to corresponding favorite list. One channel can be added into multiple favorite lists.
- Press **RECALL** key to exit the Favorite List menu.
- Press **EXIT** key to go back to the channel play state.



4.2 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 Awaz TV every boot on, you can configure the setting items in the Channel Setup menu as follows:



5. Preference

The Preference menu is mainly used to change language and audio settings.

To enter the Preference menu, in the Main Menu press UP/DOWN keys to select the Preference item and then press ENTER or RIGHT keys. See the figure below:



5.1 OSD Language

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 ENTER 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 ENTER key to confirm. See the figure below:

5.2 OSD Transparency

Through the OSD Transparency item you can adjust the transparency of OSD display in the Main Menu.

To change the OSD transparency, in the Preference menu press UP/DOWN keys to highlight the OSD Transparency item and then press ENTER or RIGHT keys to pull down a transparency list. The list has seven transparency levels from 0% to 60%. The bigger the level value is, the higher the transparency is. After selecting a transparency, press ENTER key to confirm. See the figure below:



5.3 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 ENTER 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 ENTER key to confirm. See the figure below:

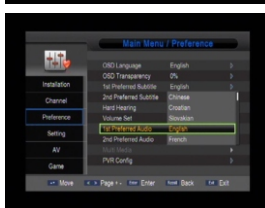


5.4 Hard Hearing

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

5.5 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. See the figure below:



5.6 Multimedia

The Multimedia item is only for the Multimedia Mode. Its menu is as below:

- **MovieRepeat:** Set repeat mode for movie playback. Three options: Dir, One, OFF.
- **MusicRepeat:** Set repeat mode for music playback. Three options: Dir, One, OFF.
- **PhotoRepeat:** Set repeat mode for photo playback. Three options: Dir, One, OFF.
- **Bgmusic:** Turn on or off background music (while playing photos or eBooks).
- **Slide Time:** Set time interval for photo slideshow mode.
- **Effect:** Set special effect for photo slideshow mode.

5.7 PVR Config

Through the PVR Config item you can do some settings on Timeshift and Record functions. See the figure below for the PVR Config setting menu.

- **PVR File Format:** Set the format of record files (MPEG2 files), TS or PS.
- **File Size:** Set the size of a single record file.
- **Preferred Storage:** Select a preferred storage device among USB



devices and Card.

- **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. If Off is selected, the buffered data will be removed when the timeshift end.

6. Setting

Through the Setting menu you can configure and upgrade the system. After entering the Setting menu, the following interface appears:

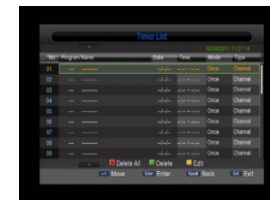
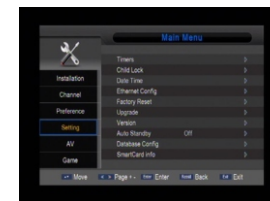
6.1 Timers

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:

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. Date 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 **ENTER** key to edit the selected timer. The following edit menu will appear.
- **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 behavior will happen only once at the specified time. After that, the timer will be deleted.
 - Daily:** In this mode, the scheduled behavior will happen at the specified time every day.
 - Weekly:** In this mode, the scheduled behavior will happen at the specified time every week.
 - Monthly:** In this mode, the scheduled behavior 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.

-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'.

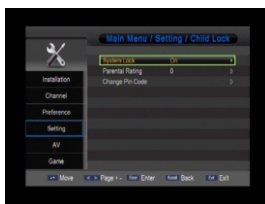
6.2 Child Lock

The Child Lock item is to set a program lock in order to protect children from watching some improper programs to their ages.

After highlighting the Child Lock item in the Setting menu press ENTER key, and a password input dialog will appear. Input a correct password (default: 0000) to enter the Child Lock menu. See the figure below:

There are three menu items:

- **System Lock:** Turn on or off the child lock function.
- **Parental Rating:** Set rating from 4 ages to 48 ages. If set as 0, no limit.
- **Change Pin Code:** Change the password of the child lock.



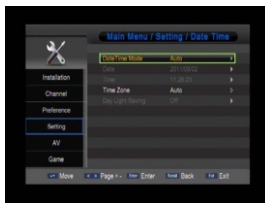
6.3 Date Time

Through the Date Time item you can set the system time and time zone.

To enter the Date Time menu, highlight the Date Time item in the Setting menu and then press ENTER key.

If the Date Time Mode item is set as 'Auto', both the Date and Time items will be grayed (cannot be set by hand). If the Date Time Mode item is set as 'Manual', users can set the Date and Time items by hand, but other items cannot be set.

If the Time Zone item is set as 'Auto', the Day Light Saving item will be grayed (cannot be set by hand). If the Time Zone item is set as a concrete time zone, you can set whether or not to use the daylight saving time according to the selected time zone.



6.4 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 ENTER or RIGHT keys to enter the Ethernet Config menu. This menu has five items, see the figure below:

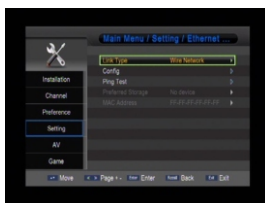
- **Link Type:** Select to use either Wire Network or Wireless Network.
- **Config:** Select the network connection method. After entering this item, network connection methods and related information can be found (see the figure below).

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

- 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 LEFT key to return to the Ethernet Config menu.



6.5 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 ENTER 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 will show, through which you can re-initialize the system.

6.6 Upgrade

The Upgrade item is for software upgrade.

6.7 Auto Standby

If the Auto Standby item is set as 'On', the system will auto enter the standby mode after three hours of no operations.

7. AV Setting

• Contrast

The Contrast item determines the contrast level of the system. After highlighting the Contrast item, press ENTER key to enter its setting interface. Press LEFT/RIGHT keys to adjust the contrast level from 0 to 24. After setting, press ENTER key or just wait for 3 seconds to return to the AV menu. In addition, in this interface pressing UP/DOWN keys can switch between the contrast setting and brightness setting interfaces.

• Brightness

The Brightness item is to adjust the brightness level of the system. After highlighting the Brightness item, press ENTER key to enter its setting interface. Press LEFT/RIGHT keys to adjust the brightness level from 0 to 24. After setting, press ENTER key or just wait for 3 seconds to return to the AV menu. In addition, in this interface pressing UP/DOWN keys can switch between the contrast setting and brightness setting interfaces.

• Saturation

The Saturation item is to adjust the saturation level of the system from 0 to 24.

• HUE

The HUE item is to adjust the hue level of the system from -30 to 30. After highlighting this item, press ENTER key to enter its setting interface.

• Aspect Ratio

The Aspect Ratio item is to set the proportion between the length and width of output videos. After highlighting this item, press ENTER 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).

• Video Output

The Video Output item is to set the format of video output. After highlighting this item, press ENTER key to pop out an option list. The list has three options: YUV, RGB and SVideo.

• 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 ENTER 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_25
720p_60, 720p_50
1080p_60, 1080p_50, 1080i_30, 1080i_25

● **HDMI Color Space**

The HDMI Color Space item is to set the color coding method of video output. After highlighting this item, press ENTER key to pop out an option list.
The list has four options: xvColor, RGB, YCbCr 4:2:2 and YCbCr 4:4:4.

● **HDMI Deep Color**

The HDMI Deep Color setting determines the depth of colors of HDMI output. After highlighting this item, press ENTER key to pop out an option list. The list has three options: 8 Bits, 10 Bits and 12 Bits.

8. Game

The game list includes Box Man, Tetris, Hit Rat, Go Bang and Sodoku.

9. Record

In full screen mode, if you want to record the being-played program, just press REC key.
-During recording, to pause the recording, press PAUSE key.
-During recording, to stop recording, press STOP key. A confirmation dialog will appear.
-During recording, pressing INFO key can show the recording information. Pressing INFO key again will show the record file list.



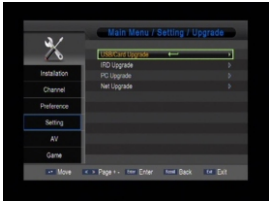
10. Timeshift

- **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.



11. USB Upgrade

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



12. Media Play

1. Press "OPTION" key go to Media Play menu.
 2. Press left and right to choose the item you want.
- **Photo:** Browsing picture in USB flash
 - **Music:** Playing music in USB flash
 - **EbookK:** Reading ebook in USB flash
 - **Moive:** Playing moive in USB flash
 - **ISO:** Playing ISO in USB flash
 - **Game:** Playing game in USB flash
 - **Record Manager:** Manager Record file in USB flash
 - **Disk Manager:** Manager all file in USB flash



13. Technical Specification

TRANSMISSION STANDARDS

DVB-S2/S, MPEG-2,MPEG-4, H.264

SATELLITE INPUT/DEMODULATION

Connector Type	1XF Type(1 Input)
Input Frequency	950 to 2150 MHz
Signal Input Level	- 65 to 25 dBm
Band Switch Control	22KHz
LNB Supply	13.0 +0.5V/18V +0.7V, Max 350mA
Demodulation Type	QPSK,8PSK
Symbol Rate	2<Rs<45 Mband(SCPC/MCPC)

AV output interface

Video Output	CVBS/RGB,HDMI
Audio output	S/PDIF coaxial output interface/ Stereo Audio L/R output interface

TV SCART

Video Output	CVBS/75Ω unbalanced
RGB Bandwidth	5MHz
Fast Blanking	0V to 3V
Function Switch	6V-16:9 Aspect Ratio Image(AV Mode) 12V-4:3 Aspect Ratio Image(AV Mode)
Audio Output	"Left, Right"/ 600Ω unbalanced
Level	1.0V rms 2dB into 10KΩ

AUDIO/VIDEO PROCESSING

Video decompression	MPEG-2(ISO/IEC 13818-2)MP@HL and MP@ML for HD and SD decoding; MPEG-4(ISO/IEC 14496-2) extended ASP
Resolving rate	PAL-25 frame@720*576, NTSC-30 frame@720*480, HDMI 1080p@60Hz
Signal compatability	Support conversion for different video formats
Video data rate	Up to 108Mbps
Video Format	4:3,16:9,By Pan & Scan and Letter Box conversion
Audio decompression	MPEG-1 Layer I/II/III, MPEG-2 Layer III, AAC, HE-AAC Level2&4, Dolby MSID option, WMA and WMA-Pro, Real Audio, OTS
Audio output mode	Stereo, Joint stereo, Mono, Dual Mono

DATA SERVICE PORT

Connector	USB
Data protocol	USB2.0 interface
Connector	9-pin D-sub male

Data protocol	RS232C interface. The DVB-DSR is seen as the Data Communication Equipment (DCE) and the PC (or other terminal) is seen as the Data Terminal Equipment (DTE).
Data rate	Maximum of 625K bits/s

MEDIA FEATURES

Picture	JPEG,BMP,PNG
Music	WMA, MP3, AAC(.wma, .mp3, .m4a)
Movie	MPEG1, MPEG2, MPEG4, H264, Motion JPEG (.avi, .mpg, .dat, .vob, .div, .mov, .mkv, .mjpeg, .ts, .trp)
File management system	NTFS,FAT32,FAT16 Copy,delete operation supported

POWER SUPPLY

Type	Switching mode
Main input voltage	100 - 240V AC @ 50Hz/60Hz±5%
Power consumption	Max. 20W
Insulation resistance	More than 10MΩ at 500Vdc Ambient conditions of 28±2% & 70%RH
Standby Voltage(Hi-Pot)	I/p to O/p:3kV(1 min)
Temperature Rise	<75 on winding & core; <50 on casting At 264Vac @ 50Hz
Safety Standard	Designed to meet IEC 9

MICROPROCESSOR

Microprocessor	SUNPLUS
Clock Frequency	667MHz
SDRAM Memory	128Mbyte

PHYSICAL CHARACTERISTICS

Front Panel

Keys	7 Keys
Indicators	Power On/Off
Remote Control Input	Infra-red receiver
Display	4 Digit(7 Segment)

Real Panel

Connections	1 RF Input 1 x CVBS and YPbPr 1 x HDMI 2 x Audio L/R (RCA) 1 x RS-232 (9-pin D-sub male) 1 x Coaxial 1 x USB 1 x LAN 1 x CA
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14. 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 OFF	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 in 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.