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## **Safety Precaution**

This STB has been designed and manufactured to satisfy the international safety standards. Please read the following safety precautions carefully before operating this receiver.

### **Main Supply:**

Before operating, please check the units operating voltage is 90~250V AC 50/60Hz.

### **Overload:**

Do not overload a wall outlet, extension cord or adapter, neither use damaged power cord or touch it with wet hand as this may result in electric shock.

### **Liquid:**

The receiver shall not be exposed to dripping or splashing water, and that no objects filled with liquids, such as base, shall be placed on the apparatus.

### **Ventilation:**

Keep the slots on top of the receiver uncover to allow sufficient airflow to the unit. Do not put the receiver on soft furnishings or carpets. Do not expose the receiver to direct light or do not place it near a heater or in humid conditions. Do not stack other electronic equipments on top of the receiver.

### **Cleaning:**

Plug out the receiver from the wall outlet before cleaning. Clean the receiver by a soft cloth or mild solution of washing-up liquid (no solvents).

### **Location:**

Put the receiver indoor in order to avoid lightening, raining or sunlight.

### **Uncover:**

Do not remove the cover, to reduce the risk of electric shock. Contact qualified and licensed service personnel to repair the receiver, or contact your dealer.

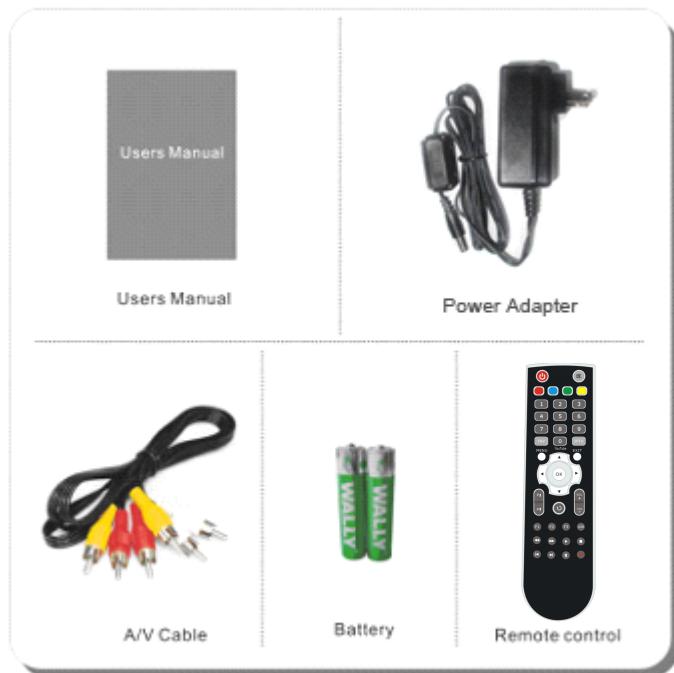
# 1. Reference

## 1.1 General Features

PAL/NTSC/SECAM  
USB 2.0 Interface  
Support IPTV function  
High Definition Up To 1080i  
Multilingual Menu OSD  
USB Firmware Upgrade  
PVR on External USB Storage  
Internet Radio  
Weather Data  
Samba Share  
FTP Support  
HDMI Output  
Ethernet Interface

## 1.2 Accessories

- | Users manual
- | Remote Control Unit
- | Batteries
- | A/V Cable
- | Power Adapter



**Figure 1. Accessories**

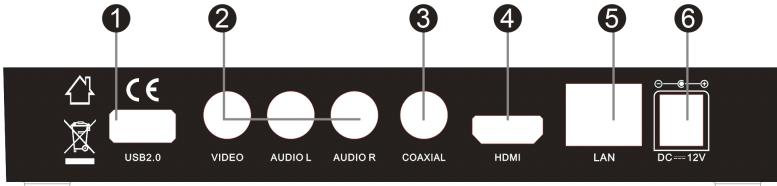
## 2. Product Overview

### 2.1 Front Panel



**Figure 2. Front panel**

## 2.2 Rear Panel



**Figure 3. Rear Panel**

### 1. USB2.0

One USB 2.0 Host Port.

### 2. AUDIO/ VIDEO

Connect to the TV using an RCA cable.

### 3. COAXIAL

Digital Audio output.

### 4. HDMI

Connect to the TV using an HDMI cable.

### 5. LAN

Connect to the internet using Ethernet cable.

### 6. DC-12V

Power on/off.

## 2.3 Remote Control Unit (RCU)

You can control this receiver by this remote controller with full function.

**1. POWER:** Switch between operation and standby modes.

**2. MUTE:** Mute audio.

**3. COLOR KEY:** Accessorial function.

#### **4. NUMERIC KEY (0~9):**

Enter a channel number or enter the YouTube menu by pressing the **0** button.

**5. FAV:** It can be used in internet radio function.

**6. IPTV:** Show the IPTV list.

**7. MENU:** Activate main menu or exit to live channel.

**8. EXIT:** Exit current menu step by step.

**9. VOL+/VOL-:** Change volume.

**10. CH+/CH-:** Change programme.

**11. OK:** Confirm the selected operation or display the IPTV list while watching a programme.

**12. Page:** Page up/down on menu.

**13. RECALL:** Show the previous viewed channels list. Or switch to the previous viewed channel.

**15. USB:** Enter USB menu.

**16. F1/F2/F3:** Accessorial function.

**17. ◀◀:** Fast rewind.

**26. ▶▶:** Fast forward.

**27. ▶:** Play.

**28. ■:** Stop USB function.

**29. I◀◀:** Previous.

**30. ▶▶I:** Next.

**31. II:** Pause.

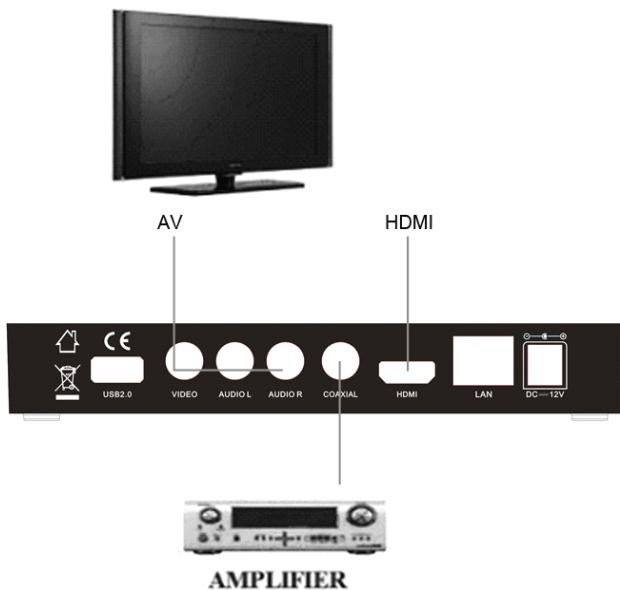
**32. ●:** Record live channel.



### 3. Connection with Other Device

The following diagram shows you the connections among receiver, TV and other equipment, please read this first if you are not sure about the connection, and it will guide you to the correct connection.

#### 3.1 Connecting to TV



**Figure 5. Connecting to TV & AMPLIFIER**

## 4. Basic Operation

### 4.1 Factory Default

You can restore the product to the factory default and you can also setup it according to the wizard.

**Note:** Please note that once you perform **Factory Default All**, all data and settings will be deleted.

1. **Menu->System Setting->Factory Default**
2. Input the password.
3. Highlight the option and press the **OK** button to execute it.

### 4.2 System Setting

#### **Menu->System Setting->System**

1. **Menu Language:** Set the menu language.
2. **Recall List:** If you set **On**, when you press the **RECALL** button, it will display the channel list you watched previous. If you set **Off**, when you press the **RECALL** button, it will directly back to the channel you watched last time.
3. **UPnP Client:** Set the UPnP **On** or **Off**.

### 4.3 OSD Setting

#### **Menu->System Setting->OSD**

1. **OSD Transparency:** Set the transparency of all menus.
2. **Need Help:** Set the help information display or not.
3. **Time Out:** Set the display time of the programme information.
4. **HDMI Mode:** Set the HDMI output mode.
5. **Time Display Format:** Set the timer display format.

## 4.4 Parental control

**Menu->System Setting->Parental Control**

**Parental Control** allows you to lock the changes you have made using **System Lock**.

## 5. USB Control

You can play many kinds of media files.

**Note:** It supports FAT, FAT32, NTFS, Ext2 and Ext3 format USB disk or USB HDD.

### 5.1 Play Files

1. Go to **Menu->USB Control->USB Menu** or press the **USB** button directly to enter the USB menu.
2. Press the **VOL+VOL-** to select the file type.
3. Press the **CH+/CH-** to change the folder or file and press the **OK** button to open the folder or play the file.

#### 5.1.1 Music

It supports \*.mp3 and \*.mp2 format music files.

**OK:** Play the selected file in play list.

**CH+/CH-:** Change the highlighted item.

**■** : Stop playing file.

**▶**: Play the selected file in play list.

**◀▶**: Play the previous item.

**▶▶**: Play the next item.

**II**: Pause.

**VOL+/VOL-**: Adjust volume.

**EXIT**: Exit playing state and return to file list menu.

**BLUE**: Switch the loop mode.

### 5.1.2 Photo

It supports \*.bmp, \*.jpg and \*.gif format photos.

**OK**: Display the playlist while playing a photo.

**CH+/CH-**: Change the played photo.

**◀◀**: Play the previous photo.

**▶▶**: Play the next photo.

**VOL+/VOL-**: Adjust the displayed mode while no volume information is displaying on the screen.

**EXIT**: Exit the current menu.

### 5.1.3 Movie

It supports \*.3GP, \*.AVI, \*.MKV, \*.MP4, \*.MOV, \*.MPG, \*.TS, \*.M2TS, \*.DAT, \*.VOB, \*.FLV format movie files.

**OK**: View play list or play the highlighted file in the play list.

**▶**: Play the file.

**PAUSE/||**: Pause.

**■**: Stop playing file.

**◀◀**: Fast rewind.

**▶▶**: Fast forward.

**◀◀**: Play the previous item.

**▶▶**: Play the next item.

**BLUE**: Display playing progress. In this menu, press the **RED** button to jump and press the **YELLOW** button to display the files information.

**RED**: Set the audio language.

**EXIT**: Exit the current menu.

### 5.1.4 Play List

You can play the music files in the Play List while you browsing the photos.

1. In the **USB Menu** press the **RED** button to enter the **Play List** menu.
2. In the **Music List** item, find the music files and display them.
3. Press the **VOL+** button to switch to the **Play List** item.
4. Highlight the **New Music List** and press the **OK** button to setup a new music list, for example: AA.lst.
5. Highlight AA.lst and press the **OK** button to open it.
6. Press the **VOL-** button to switch to the **Music List** item.
7. Highlight the music file and press the **OK** button to select it.
8. Press the **GREEN** button can anti-select the files.
9. Press the **BLUE** button can add the files to AA.lst.
10. Move the cursor to the file which is in AA.lst, here, you can sort the files according to the name or move the files.
11. When you highlight AA.lst, you can press the **BLUE** button to delete it or press the **RED** button to return to the **USB menu**.

## 5.2 Other Operations

### 5.2.1 Upload/Download

You can upload or download data or software.

1. Enter the **USB Menu**.
2. Press the **YELLOW** button and press the **OK** button can upload data.
3. Highlight the file you want to download, press the **OK** button can download the file to the receiver.

### 5.2.2 Rename/Delete Files

1. Enter the **USB Manager** menu.
2. Highlight the file or folder.
3. Press the **RED** button can rename the file or folder.
4. Press the **BLUE** button can delete the file or folder.

### 5.2.3 Create Folder

1. Enter the **USB Manager** menu.
2. Press the **YELLOW** button.
3. Highlight the **Create Folder**.
4. Press the **OK** button to create a new folder in current folder.

### 5.2.4 Format Disk

1. Enter the **USB Manager** menu.
2. Press the **GREEN** button can format the USB disk. After formatting, it will be FAT32 format.

## 5.3 Recording

You can record the live channel.

Press the **●** button to start recording and press the **■** button to stop recording.

While recording you can not change the channel until you stop the recording.

## 6. Network

You can visit the internet through the Ethernet cable or Wi-Fi.

### 6.1 Connecting to Network

#### 6.1.1 Connecting to the LAN

1. Connect one end of the Ethernet cable to the product and the other end to the LAN router.
2. **Menu->Network Setting->Internet Setting->IP Setting**

If the Network is connected, it should get the correct IP address and display “**Net**”

### ***Status: Connect***

- **GREEN:** Set **ON** means you can input the IP address by manual, set **OFF** means you can only get dynamic IP.
- **RED:** Save the IP address you set.

## **6.1.2 Connecting to the Wi-Fi (Wireless LAN)**

1. Plug in the wireless USB dongle to the USB port.
2. Enter **Menu->Network Setting->Internet Setting->Wireless Setting->Search Access Pointer**.
3. Select the network name of your Wi-Fi access point from the list.
4. Press the **OK** button, then input the right password.
5. Enter **Menu->Network Setting->Internet Setting->Wireless Setting->IP Situation**.

If the Network is connected, it should get the correct IP address and display the **“Connect”**.

## **6.2 Network Application**

### **6.2.1 IPTV**

1. Enter **Menu->IPTV**.

**Profile:** It will show up and wait for the authorization and data loading. Then navigate to **Live** or **VOD** for the services.

- 1) Box ID: the unique ID.
- 2) MAC: the unique MAC address.
- 3) FW Version: Firmware version and the latest version in brackets.
- 4) NOOP: no operation warning time interval in seconds.
- 5) External IP: ICP assigned IP address.

## **Settings:**

- 1) Box ID: It is the unique ID.

This ID is assigned by content provider, identify user payments and services with timeliness.

User can input the ID, only the valid one can get the authority to access the services.

- 2) Firmware Status: When update available, select it to choose one of following options:

- 1.reboot and upgrade now
- 2.upgrade next boot up
3. cancel and ignore the update

**Note:** Authorization might be failed or new services might be invariable if the software is out of date.

2. Press the **IPTV** button directly.

**Live:**IP Stream channel list. Select one to enjoy the show.

**VOD:**VOD channel list. Select one to enjoy the show.



## **6.2.2 Internet Radio**

You can listen to the radio programs got from internet.

1. **Menu->Network Setting->Internet Application->Internet Radio**
2. Select a radio programme according to the prompted information.
3. While listening a programme, press the **FAV** button can save this programme to the **FAV List**, you can find it fast next time.

### **6.2.3 VFTP**

You can Download S/W, music, photo and other media files from the FTP.

1. **Menu->Network Setting->Internet Application->VFTP**
2. Input the correct information for every option.
3. Press the **RED** button to enter the FTP.
4. According to the prompted information select the file you want and press the **OK** button to download it or play it.

### **6.2.4 YouTube**

You can visit the YouTube websites.

**Menu->Network Setting->Internet Application -> YouTube**

### **6.2.5 Proxy Setting**

Go into **Proxy Setting** menu, fill in URL, user name and password, press the **RED** button then network will be connected.

### **6.2.6 SMB File Setup**

You can visit the sharing folder on the computer. You can play the files in this folder and you can also record a programme to save in this folder.

For example:

1. Configure your computer such as: Computer Name: Administrator  
Sharing Folder: AAA  
IP Address: 192.168.0.5
2. Enter the **SMB File Setup** menu to input correct information.

**Share Address:** 192.168.0.5/ AAA

**User Name:** Guest

**Password:** NULL

**Enable:** YES

3. Exit from the menu.

4. Enter **USB menu** you will find an O: disk, it is the computer sharing folder. Then you can do many operations on it



## 6.2.7 Weather Forecast

Here you can input the city name to browse the weather of this city in future 5 days.

## 7. Additional Information

### 7.1 Trouble Shooting

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

#### 1. No picture

- Make sure that the product is powered on and in operation mode.
- Make sure that the AV/HDMI cable is firmly connected to the TV.
- Check the brightness level of the TV.

#### 2. No or poor sound

- Check that your AV/HDMI cable is connected correctly.
- Check the volume levels of your TV set and the product.
- Check if the product or TV is on mute.

### **3. Remote control does not operate**

- To control the product, the top end of the remote control should point directly towards the receiving part of the product.
- Remove and reinsert the batteries in the remote control.
- Replace the batteries in the remote control for a new set.

### **4. Cannot connect network**

- Make sure the network of your family is good.
- Make sure the Ethernet cable is inserted firmly to the LAN router.
- Make sure the Wi-Fi can work on other device.
- Input the Wi-Fi password again.
- Restart the receiver again.

## FCC Notice

### FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help

This device complies with Part 15 of FCC Rules.

Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

Note: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate this equipment.