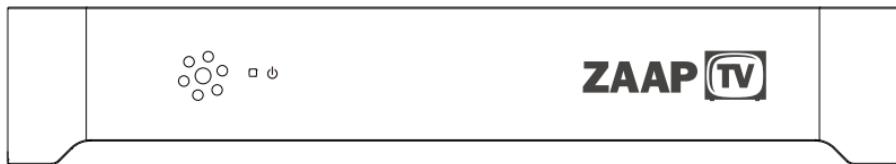




ZaapTV HD509NII

# User's Guide

How to use the HD509NII set-top box



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# 1 Safety

## End-user Agreement

Please read this Agreement carefully before operating, and guarantee that:

1. Do not disassemble this product without authorization;
2. Do not read or refresh the firmware through non-normal channels;
3. Do not perform reverse-engineering or disassembling to any software and codes of this product;
4. This product and the Agreement can be transferred to a third party only when the terms and conditions in this Agreement are accepted.

When you transfer all or any part of this product to a third party, the permission to use this product terminates automatically.

## Instructions for User's Manual:

Before operating, please read the User's Manual carefully. We are not responsible for any direct or indirect losses caused by hardware damage, application damage, file lost or system crash due to improper operation.

It is assumed that you have carefully read and understood the Agreement, and will abide by the terms and conditions.

## Notice:

Dear users, thanks for purchasing this product. Before operating, please read the following notice:

Do not expose this unit to the rain or moist environment to avoid fire or electric shock.

To avoid fire, electric shock or product damage, please keep this unit away from rain, moisture, and water drops or spray.

## Safety Guide

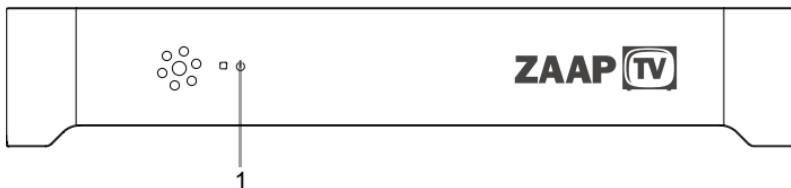
1. Please use dedicated adapter only; do not share with other units.
2. Keep the adapter power cord and plug away from heat sources.
3. Do not place any heavy object on the power cord or plug.
4. Do not disassemble the adapter or power cord.
5. To ensure your safety, do not open the shell; please ask qualified personnel for repair.

## Maintenance Tips

1. The product structure is complicated; please ask qualified personnel for maintenance.
2. Do not remove any parts without permission, or else the warranty will be void.
3. For maintenance, please contact local service center.
4. Replace the component or part with genuine ones only.

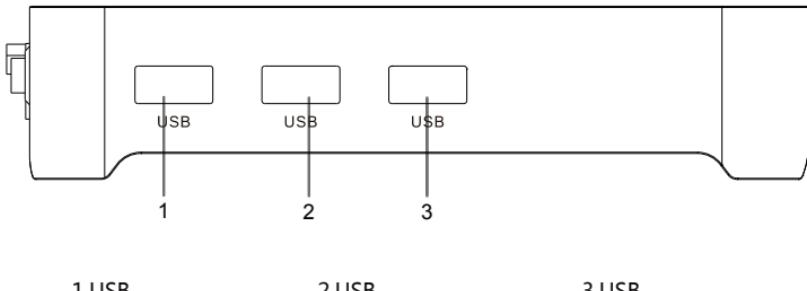
## 2 Appearance

### Front Panel



1. Power indicator

### Side Panel

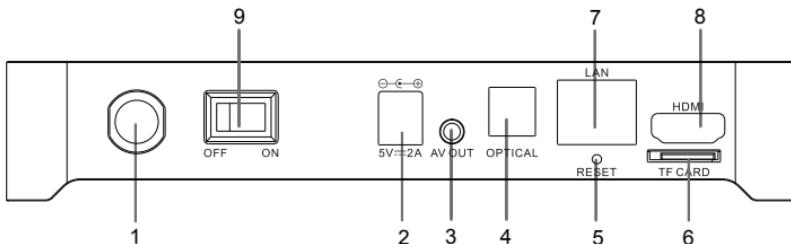


1.USB

2.USB

3.USB

### Rear Panel



1. WiFi antenna

2. 5V---2A

3. A/V out

4. Optical fiber out

5. Reset key

6. TF card

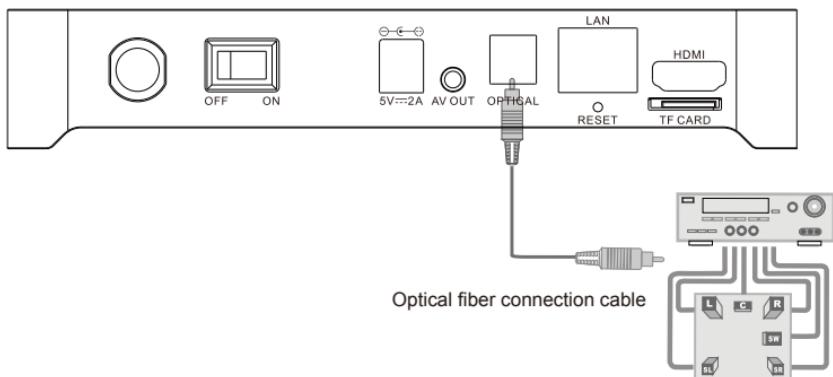
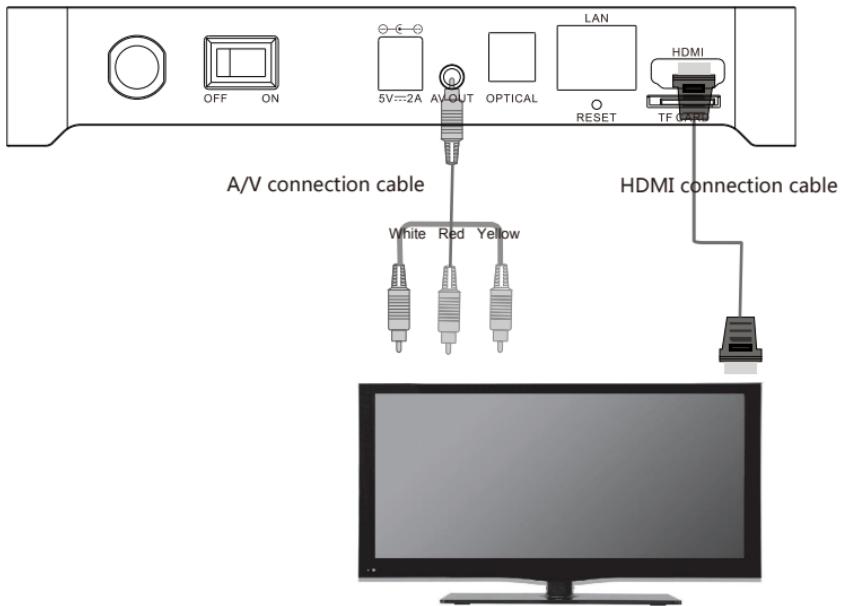
7. RJ45 network interface

8. HDMI out

9. POWER

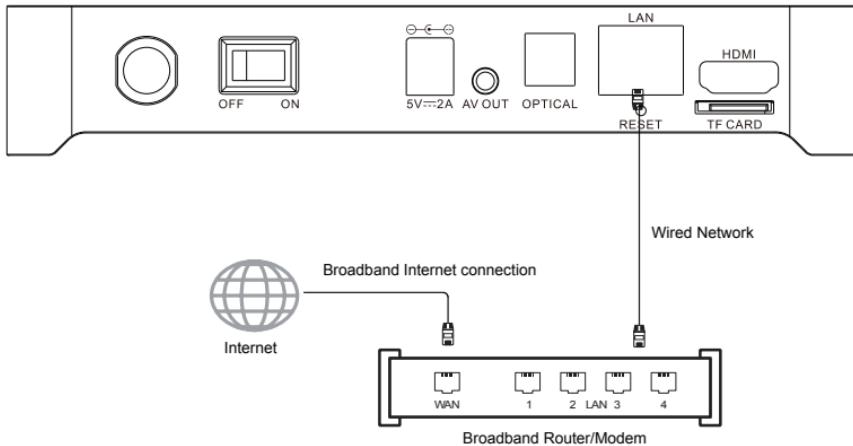
## 3 Rear Panel Connection

### Rear Panel Connection

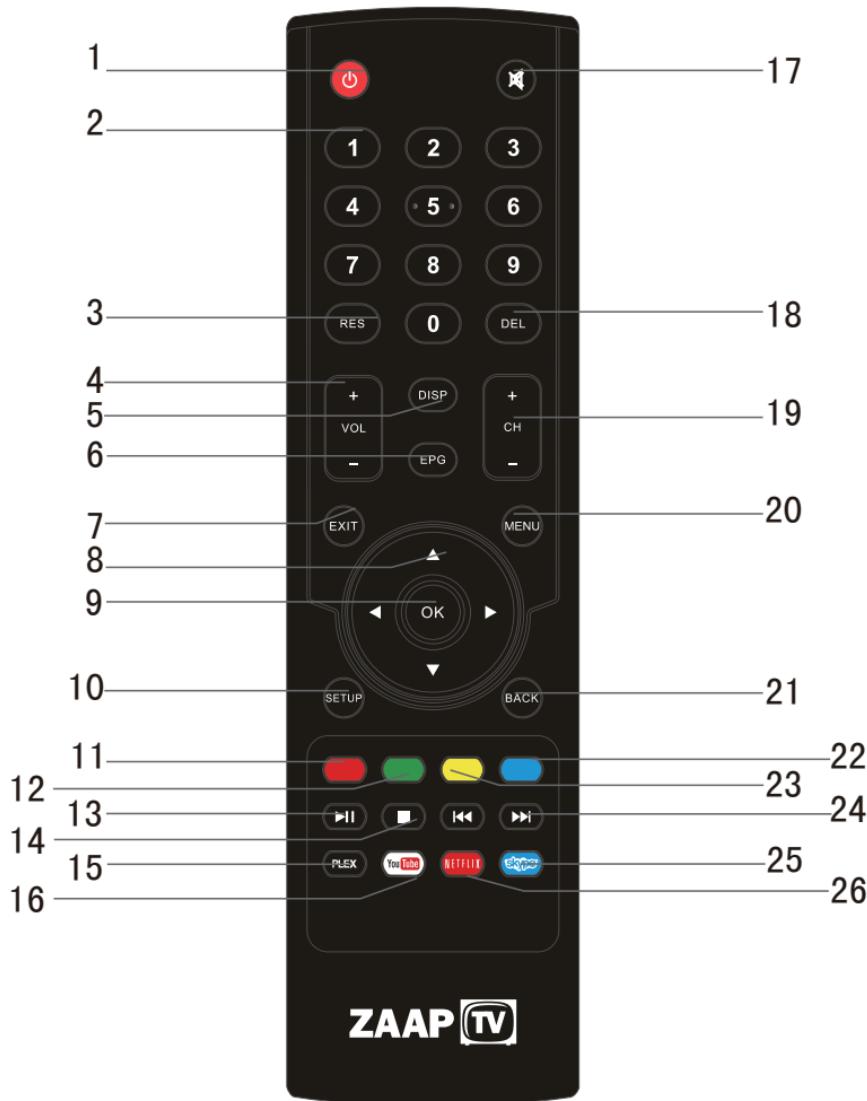


## 3 Rear Panel Connection

### Rear Panel Connection



## 4 Remote



## 4 Remote

| No. | Key | Function  |
|-----|-----|---|
| 1   |     | Go in and out of Standby                                      |
| 2   |     | Numeric input   |
| 3   |     | Change the screen resolution on the fly                       |
| 4   |     | Volume Up/Dn  |
| 5   |     | Show additional information when available                    |
| 6   |     | Show EPG when available                                       |
| 7   |     | Generic exit button. Functionality depends on the application |
| 8   |     | Move left, right, up, down                                    |
| 9   |     | OK  |
| 10  |     | Shortcut to the System Setup menu                             |
| 11  |     | Red button. Functionality depends on the application          |
| 12  |     | Green button. Functionality depends on the application        |
| 13  |     | Play/Pause  |
| 14  |     | Stop  |
| 15  |     | Shortcut to the PLEX APP                                      |
| 16  |     | Shortcut to the YouTube APP                                   |
| 17  |     | Mute/Un-Mute sound  |
| 18  |     | Multipurpose delete button                                    |
| 19  |     | Channel Up/Dn   |
| 20  |     | Shortcut to the Main Menu                                     |
| 21  |     | Back one level  |
| 22  |     | Blue button. Functionality depends on the application         |
| 23  |     | Yellow button. Functionality depends on the application       |
| 24  |     | Skip to next file/Skip to previous file                       |
| 25  |     | Shortcut to the Skype APP                                     |
| 26  |     | Shortcut to the Netflix APP                                   |

# 5 Network Settings

## 5.1 Available Networks and Checking Current Network Status

Check the available guaranteed bandwidth with your ISP.

Recommended bandwidth: To ensure smooth playing of Internet video resources, the bandwidth should be at least 2Mbps.

Router: For easy and quick connection, a wireless router is recommended. A common wireless router can meet the bandwidth requirement for IPTV. The Set-Top-Box integrates a Wi-Fi module, which can connect to wireless router directly.

When you intend to stream high quality movies from internal network, an Ethernet cable connection is recommended.

## 5.2 Connecting to Ethernet

### 5.2.1 Connecting to the router

1. Connect the network cable to the LAN port of this unit, and connect the other end to the LAN port of the router.
2. Turn on the unit, select Settings – Ethernet, check the option “Ethernet” or press OK on the remote control to set this option to “ON”.
3. After turning on the Ethernet, check if the “Ethernet” is selected; if DHCP (Dynamic Host Configuration Protocol) is enabled in the router, this unit will obtain IP address automatically.
4. After connecting to the network, the “Ethernet” option shows: CEthernet is turned on; IP address, gateway, subnet mask and other information are listed below.



## 5.3 Connecting to Wi-Fi

### 5.3.1 Connecting to wireless router

1. Enter “Settings” in the home screen, select “Wi-Fi” in the left, which has a switch in the right; please turn the switch to “ON” or press OK on the remote control to set this option to “ON”.

## 5 Network Settings

2. When Wi-Fi is turned on, the right will show the available Wi-Fi connections (if any), as shown below:



3. In the picture below, two Wi-Fi sources are available. The text below the name (SSID) indicates the encryption mode of the Wi-Fi connection. The icon to the right indicates the signal strength . The small lock indicates that the connection is encrypted and password is needed.  
4. If the wireless network isn't encrypted, you can connect to it directly.  
5. If the network is encrypted, select the Wi-Fi name to pop up the window for password, press OK on the remote control and call out the soft keypad on the screen, enter the password, select "Next" on the keypad or press the Return key on the remote control to hide the keypad, and then select "Connect" to connect to it. (Note: to hide the keypad on the TV box, press the Return key on the remote control.)



# 6 Video Settings

## 6.1 Available Video Interfaces

### 1. Connecting to TV through HDMI cable

If the TV set has HDMI interface, the unit can be connected to the TV set with HDMI cable. After connecting, turn on the unit. the LED on the front panel is turned on, the screen shows boot logos and then enters the home screen after several seconds.

### 2. Connecting to TV through TV cable

Connect the AV cable to the AV OUT port, connect the yellow video input plug of the TV set to the yellow CVBS video interface, and connect the white and red plug to the left and right audio interfaces respectively. Turn on the TV, switch to AV input mode, turn on the unit, the LED on the front panel is turned on, the screen shows boot logos and then enters the home screen after several seconds.

Note: Not all models come with the special AV cable. Ask your supplier for details.

## 6.2 Video Output Settings

### 6.2.1 Resolution settings

Before operating for the first time, please adjust the screen resolution to achieve the optimal display:  
In Settings, -HDMI:



This option is mainly intended for HDMI interface output.

If AV port output is used, enter Advanced Setting-Display-AV output to set.

Note: When the selected resolution is not supported by TV-Set, the system will automatically return to the latest good resolution. As an extra safety net, the "RES" button on the remote control can be used at all times to change the resolution without having visual contact with the setting menu.

### 6.2.2 Screen size settings

After adjusting the resolution, the screen edges will be cut or have black borders. Enter Settings - Display - Aspect Ratio, and press the Left/Right key on the remote control in the aspect ratio window and adjust.

Tips: Zoom out the screen to the smallest (adjust the slider to the Right), and then zoom in the