



## Manual Instructions **X8**

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##### **Safety Information**

- 1. Don't use this product in a wet environment.
- 2. The product applies to power supply AC100-240V, if you don't use it for a long time, please turn off the main power to device.
- 3. Please make sure that the speaker line, power line, audio input line are connected correctly.
- 4. Don't open and repair the product by yourself.

## Understanding your amplifier

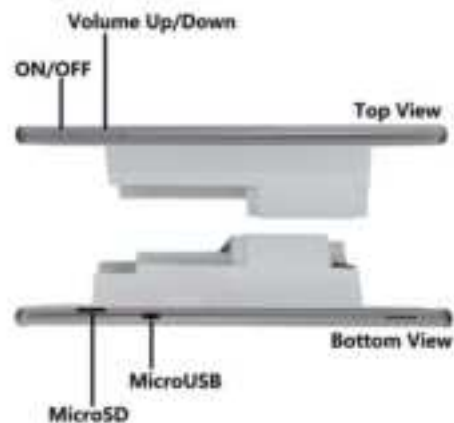
### 1.1 Features

- Stereo Amplifier Module (4 x 30 W @ 4ohm) connect up to 8 speakers
- 2 Zones music player
- Android System 7.1
- Built-in WIFI module
- RJ45 socket for internet connection
- Bluetooth connectivity for wireless audio input of smartphones, pad etc
- Modifiable Bluetooth name and password
- 1 x HDMI Output (1920\*1080)
- 1 x Wired Audio Input (screw terminal)
- 1 x Optical Input (screw terminal)
- Micro USB & MicroSD card player (at bottom of unit)
- 1x Wired Audio Output (screw terminal)
- 1 x RS485 connector
- 1 x active subwoofer connector
- Photo album (BMP, JPG, GIF, PNG)
- Music Player(MP3,WMA,WAV,OGG, FLAC,ALAC,APE,AAC)
- Video Player (MEPG 1/2/4, H.263/ H.264, RMVB, WMV/VC-1, MVC, AVS, MJPEG. (UP TO 1080P))
- Time Display
- Set time to auto play/stop music
- Screw terminations on the rear of the unit for loudspeakers, power and wired line input
- Includes in-line power supply (AC100-240V)

## 1.2 Package Content

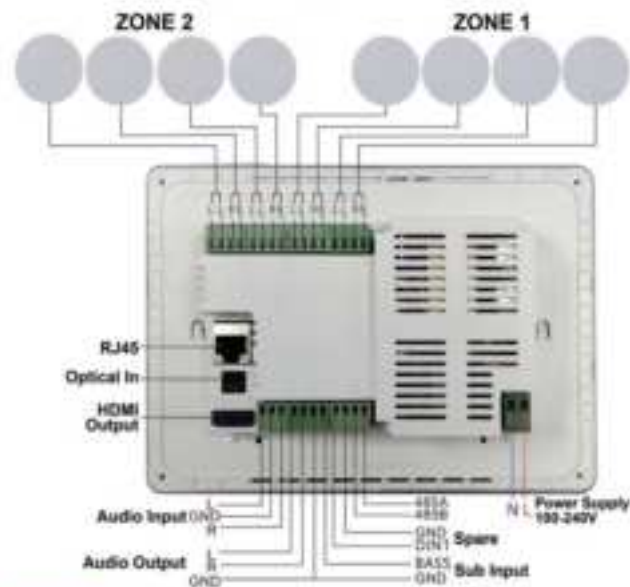
1 x Amplifier  
1 x Mounting bracket  
1 x Back box  
4 x Screws for mounting  
1 x Micro USB to USB connector

## 1.3 Device Layout



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## 1.4 Wiring Diagram.



**Notes:**  
Before wiring, please make sure all the power supply is cut off. Only passive speaker (8ohm) can work with this device.

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Plug off the green connectors, unscrew the small screws on connector and insert the cable, then screw tight to lock the wire in. Plug on the connector back on device.

**Power line connection:** L-Live wire (black color), N-Neutral wire (white color).

**Speaker cable & Audio cable connection:** L+&L- is for one speaker, R+&R- is for one speaker.

## Chapter 2: Installation

### 2.1 Cable Connection

All the green connectors can take away from device for cable pre-connection. Plug off the connectors from device and prepare all the cables with bare end. Loosen the screw of the connectors and insert the cable in and screw tight. Then plug the connector back.



#### Power line

Before you connect the power cable, please make sure the power is cut off.

L-Live wire (black color),  
N-Neutral wire (white color),  
▲POWER LINE: 14-24AWG



#### Speaker cable

L+,L- is for one speaker for L channel.  
R+,R- is for one speaker for R channel.  
SPEAKER OUT1 is for zone1  
SPEAKER OUT2 is for zone2  
▲SPEAKER CABLE: 16-28AWG



#### Audio Input/Audio Output

Cable wires is for L and R  
Shielding part is for G(GND).  
▲SIGNAL CABLE: 16-28AWG



#### Active Subwoofer

## 2.2 Install the device



Embed the back box in wall.  
Pre-wire all the cables going through the back box and wait for connection.



Fix the metal bracket on back box with 4 screws.  
Notes: The 2 small ears are at bottom for locking.



Plug on all the cable on device and put the amplifier on wall bracket and slide down. Make sure the amplifier locked in.

## Chapter 3: Quick Setup

After the device is well installed, we suggest you to keep a microSD card (with your preferred songs) in device all the time.

### 3.1 ON/OFF the device

**Turning your device on:** Long press the on/off button about 5 seconds. The screen will light up, you will see the welcome page.

**Turning your device off:** Long press the on/off button until you see the notification to power off.

**Force shut down the device:** Press and hold the on/off button for about 7 seconds, the device will be forced to shut down.

### 3.2 Set Time&Date

Home Screen- System Setting- Time &Date.

If choose auto setup, it will synchronize with internet time.

### 3.3 Connect to WIFI

Home Screen- System Setting- WIFI

This is the quick connection to available WIFI.

If you need to forget or do more WIFI setting, you need to set in Settings (More apps-Settings-Wireless& networks-WIFI)

### 3.4 Set the Bluetooth of device

Home Screen- System Setting- Bluetooth

Enable/disable the bluetooth audio function.

You can modify Bluetooth name and password.

Name and password should be less than 8 digits.)

## Chapter 4: Main Functions

### 4.1 Home Screen

The home screen is the starting point for using your device.





## 4.2 Pre-installed APPs



**Apkinstaller:** install or manage android application in device, Micro USB or Micro SD card.

**Downloads:** Files,apk and other items you download from browser,etc.

**Explorer:** Display all the files in device, Micro SD card, Micro USB.

**Play Store:** Google play store that you can download applications.

**Setting:** Configure android system to your preferences.

Multi-Room: Control devices in LAN.

## 4.3 Music Player



**How to play different or same music for 2 zones**

**Step1: Select Zone**

**SYNC.:** Make 2 zones synchronize to play same music. Default audio source of zone 1. Click SYNC. again to release so that you can choose zone 1 or zone 2 to play with different audio source.



### Step2: Select Audio Source

For each zone, it can only play with one audio source.

**Local:** Songs saved in device, MicroUSB, MicroSD card.

**BT:** Songs from phone/pad that paired with device.(set Bluetooth name and password in system setting)


**AUX IN:** Songs from other device connect to audio input of X8.

**OPT IN:** Songs from other device connect to optical in of X8.

### Step3: Select songs from MUSIC LIBRARY

All the songs saved in device, microUSB and microSD card will be listed in music library. You can choose song to play.

### How to adjust volume and EQ for 2 zones

Click  to adjust volume for 2 zones or all the zones.



Adjusting volume could change the volume for both 2 zones. But when you adjust zone1/zone2 volume, it will not change the main volume.



Click  to enter playlist and adjust or choose different EQ at 



#### 4.4 Functions- Auto Play/Stop


Click  or  to add or delete the set time play/stop.


Click  to enable or disable the time setting.



Select time to auto play or stop music.  
Select music from music library.  
Select repeat time cycle.

#### 4.5 Function-Zone Control

Click  to modify zone name for 2 zones.  
The name must be less than 16digits.  
(You may not see the full name if it's too long)

Click  to enable/disable synchronization of 2 zones.



## 4.6 System Setting- Display

Set brightness of screen, screensaver and font size of device.

## 4.7 System Setting- HDMI

When you have HDMI output to TV, the function will be on automatically. You can turn off if you don't use HDMI output.

## 4.8 Multi-Room

When you have 2 or more X8 installed and connect them to same WIFI. You can use the function to control rest devices.



**Example:** There are 2 X8 connecting to your home WIFI router. Device at hand--A, Device in LAN--B

**Remote:** Play contents (song, picture, and video) from B at B.

**Local:** Play contents (song, picture, and video) from B at A.

**Send:** Play contents (song, picture, and video) from A at B.

**Upload:** Copy and send contents (song, picture, video) from A to B.

**Other function:** Play/ pause/ volume up / volume down/ previous/ next for A or B.

## Chapter 5: Technical Parameters

8"IPS Touch Screen (1280\*800)

Power Supply: AC100-240V, 50-60Hz

Power Output (max): 4 x 30W @ 4Ω

Output Impedance: 8Ω

CPU: Cortex A17 quad core, 1.8G

RAM: 2G, ROM: 16G

Extended Memory card up to 32G

WIFI Transmit Distance: ≤30m

Product Size: 200 x 142 x 48mm

7.87" x 5.59" x 1.89"

## **FCC Caution.**

### **§ 15.19 Labelling requirements.**

This device complies with part 15 of the 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.

### **§ 15.21 Information to user.**

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

### **§ 15.105 Information to the user.**

**Note:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses 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 the interference by one or more of the following measures:

- 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.

### **RF warning for Mobile device:**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

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