



## Manual Instructions

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## Safety Information

1. Don't use this product in a wet environment.

2. The product applies to power supply DC18V,2A, if you don't use it for a long time, please turn off the main power to this 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.

# Chapter 1: Understanding your amplifier

## 1.1 Features

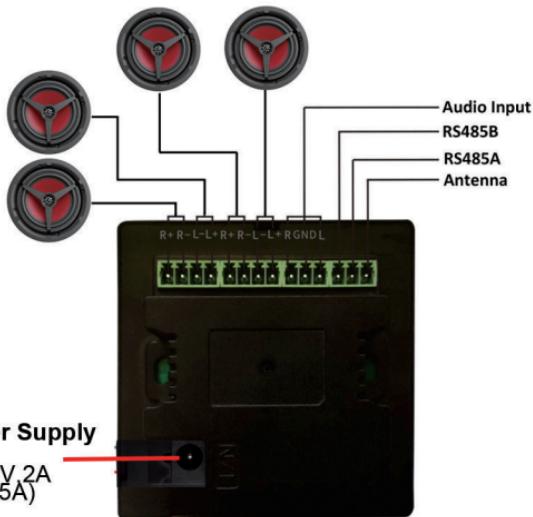
1. 4" Capacitive Touch Screen
2. Stereo Amplifier Module (RMS 2 x 30W @4Ω)
3. BT connectivity for wireless audio input of smart phone, pad, etc.
4. Modifiable BTname and password
5. 1 x Wired Audio Input (on rear PCB)
6. USB and MicroSD card player (at bottom of unit)
7. Built-in FM radio (87.5-108MHz)
8. Music Player with EQ.
9. 12/24Hours Time Display
10. Set timer to play/stop music

11. Screw terminations on the rear of the unit for loudspeakers, power and wired line input
12. Includes in-line power supply (DC18V,2A)

## 1.2 Package Content

- 1 x Ampilfier
- 1 x Back Box
- 2 x Screws for mounting
- 1 x FM Antenna
- 1 x Micro USB to USB connector

## 1.3 Wiring Diagram



### Power Supply

DC18V, 2A  
(max 5A)

**IMPORTANT NOTICE:** The device could only work with **PASSIVE speakers** (8ohm).  
(Passive speaker: no power lined to speaker, no transformer)

Suggestion for speaker connector:

**2 speakers:** it can be 4ohm or 8ohm speaker.  
You can connect one speaker on each

connector. (R+&R- for speaker A, R+&R- for speaker B)

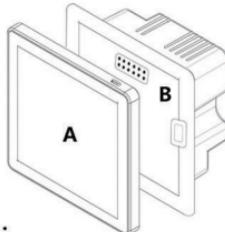
**4 speakers:** it must be 8ohm speaker.

## 1.4 Device Layout

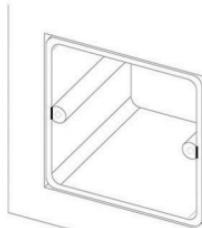


# Chapter 2: Installation

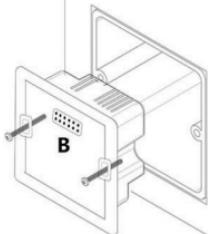
## 2.1 Install the device



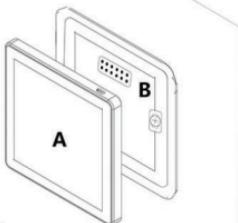
**Step1:**  
You can use a slotted screwdriver to gently tilt the slot on the back of the amplifier to separate A&B.



**Step 2:**  
Mount the back box on wall.



**Step 3:**  
Mount the Amplifier part(B) to back box with screws.



**Step 4:**  
Press the A on to B. **Please press on the plastic frame instead of screen.**

## 2.2 Cable Connection

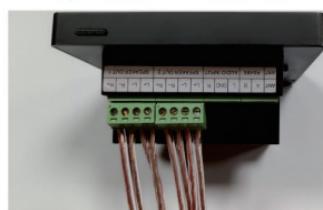
All the green connectors can be taken away from device for cable pre-connection.

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

Plug the power adaptor in device, and connect to power supply.



### Speaker cable

L+,L- is for one speaker.

R+,R- is for one speaker .

▲SPEAKER CABLE: 16-28AWG



#### Audio Input

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



#### FM Antenna

Extend the antenna to  
where has better signal

## Chapter 3: Getting Started

### 3.1 Turn on/off the device

When have the power connected to the device, you can long press on the ON/OFF button 5sec to turn on the device, the screen will light up.

Long press on the ON/OFF button for 5sec, then release, the device will turn off.

**Restart the device:** find needle-look object to press on the small hole of device to restart the device.

## 3.2 Home Page

- **Music:** Play music from USB or Micro SD card.
- **BT:** Can connect with smart phone via BT.
- **FM:** FM Radio (87.5-108MHz)
- **AUX:** Audio Input source from other device.
- **EQ:** Choose different sound effects.
- **Setting:** Set up BT, time, date, wall paper, screensaver, auto on/off.

**Note:** The device can read USB or MicroSD card up to 32G.

