



Manual Instructions

B4

Contents

Safety Information

Chapter 1: Understanding your amplifier

- 1.1 Features
- 1.2 Package Content
- 1.3 Wiring Instruction
- 1.4 Remote Control
- 1.5 Device Layout

Chapter 2: Installation

- 2.1 Install the device
- 2.2 Cable Connection

Chapter 3: Getting Started

- 3.1 Turn on/off the device
- 3.2 Home Page
- 3.3 Music
- 3.4 BT
- 3.5 AUX input
- 3.6 EQ
- 3.7 FM Radio
- 3.8 Settings-BT Settings

- 3.9 Settings-Time play/stop
- 3.10 Settings-Time Settings
- 3.11 Settings-Screen Saver
- 3.12 Settings-Wall Paper
- 3.13- Settings-Developer Options
- 3.14- Settings-Pair with remote control

Chapter 4: Technical Parameters

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 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

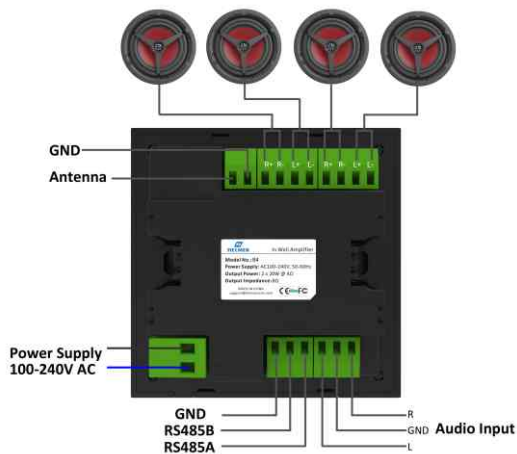
1. 4" Capacitive Touch Screen
2. Stereo Amplifier Module
(RMS 2 x 20W @4Ohm)
3. BT connectivity for wireless audio input of smart phone, pad, etc.
4. Modifiable BT name and password
5. 1 x Wired Audio Input (on rear PCB)
6. MicroUSB and MicroSD card player
(at bottom of unit)
7. Built-in FM radio (76-108MHz)
8. Music Player with EQ.
9. 12/24Hours Time Display
10. Set timer to play/stop music
11. Support RF remote control
12. Support multiple languages

13. Screw terminations on the rear of the unit for loudspeakers, power and wired line input
14. Includes in-line power supply (100-240V)

1.2 Package Content

- 1 x Amplifier
- 1 x Remote control (2 AAA battery are not included)
- 2 x Screws for mounting
- 1 x FM Antenna
- 1 x Micro USB-USB connector

1.3 Wiring Diagram



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 Remote Control



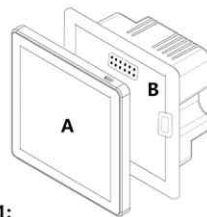
2 x AAA batteries required

1.5 Device Layout

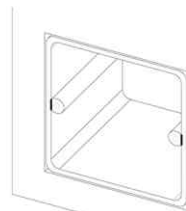


Chapter 2: Installation

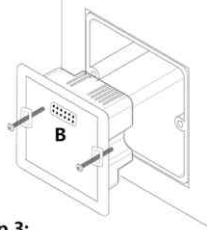
2.1 Install the device



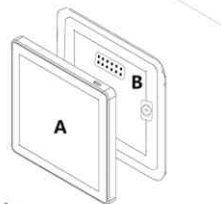
Step1:
You can use a slotted screwdriver to gently tilt the slot on the back of the amplifier to separate A&B.



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

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.

R+, R- is for one speaker.

□ SPEAKER CABLE: 16-28AWG



FM Antenna

Extend the antenna to where has better signal



Audio Input

Cable wires is for L and R
Shielding part is for G(GND).

□ SIGNAL CABLE: 16-28AWG

Chapter 3: Getting Started

3.1 Turn on/off the device

Automatic Power On: Once the device is connected to power, it will automatically turn on and the screen will light up.

Power Off: Long press the power button for 5 seconds. A prompt will appear on the screen asking if you want to shut down. Tap "OK" to turn off the device.

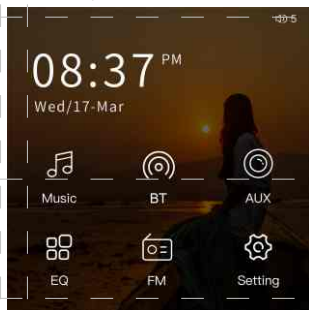
Power On (from Off State): When the device is off, long press the power button for 5 seconds. The device will turn on.

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 MicroUSB or Micro SD card.
- BT:** Wireless stream music from smart phone, tablet, etc via BT.
- FM:** FM Radio (76-108MHz)
- AUX:** Audio Input source from other device.
- EQ:** Choose different sound effects.
- Settings:** Set up BT, time, date, wall paper, screen saver, auto on/off.

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



3.3 Music

- Click  to choose music from MicroSD card or USB to play.
- Click  to choose different play mode: shuffle, repeat all, play in order, single repeat.
- Click **Normal** to select EQ.



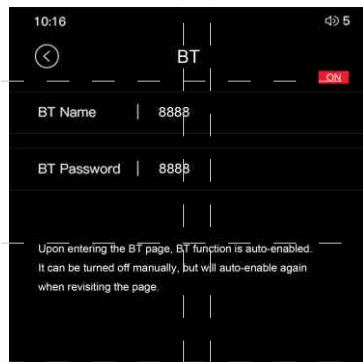
3.4 BT

Enter BT function, you can see the BT name and password.

Open your device's BT function (smart phone, pad, etc) to find the BT name to pair with it.

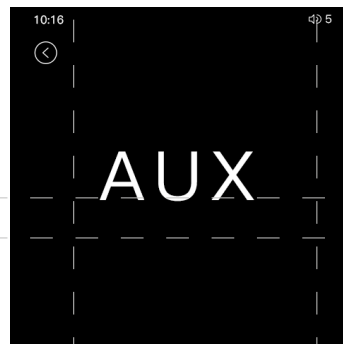
Then you can stream music from phone to amplifier.

You can adjust the volume on amplifier or by phone.



3.5 AUX

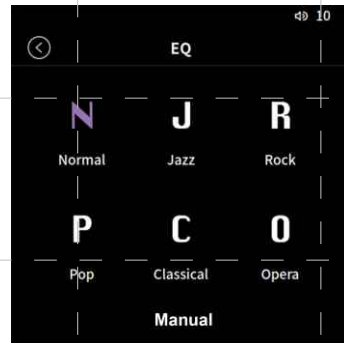
When you have other device connect to the audio input of B4, you can choose audio input as audio source to the device.



3.6 EQ

Select different sound effects for music.

In Manual mode, you can adjust treble and bass.



3.7 FM Radio

Auto Search:

Press  to auto search the radio stations. The stations will be saved and you can find them on channel lists.



Manual Search: Short press on Previous  or Next button  , the frequency will change 0.1MHz to select the station . You can press on  to save into your channel list. You can save up to 50 stations.

Channel List: Press  for the full list of saved radio stations. Press  to choose saved radio stations.

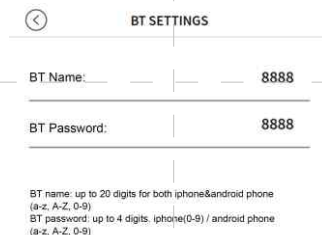
3.8 Settings-BT Settings

Set up your preferred BT name and password.

BT name: up to 20 digits(a-z,A-Z,0-9).

BT password: up to 4 digits(0-9).

You need to close your BT function of your phone and open again after you modify the BT name and password.

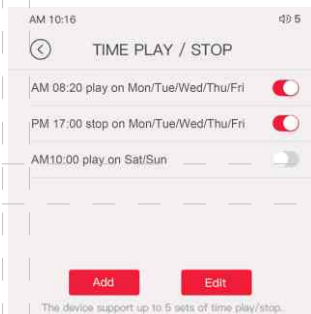


3.9 Settings-Time play/stop

Click **Add** to add timing to auto play or auto stop the music.

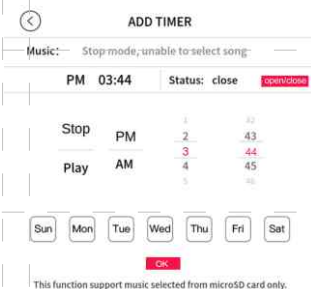
Click **Edit** to edit or delete.

Click ☒ to enable /disable the timer.



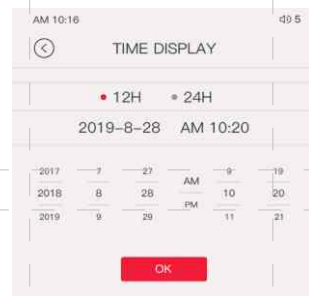
Add Timer:

Select music from microSD card. Set time and week to play or stop music.



3.10 Settings-Time Settings

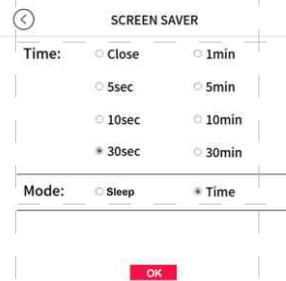
Choose hour format, time, date to set up the time for device.



3.11 Settings-Screen Saver

Select time for screensaver.

Select mode for screensaver.



Note: Short press on ON/OFF button for screensaver.

3.12 Settings-Wall Paper

The main unit supports 3 extra custom wall papers.

Create two folders in MicroSD card:

miniwallpaper – contains preview images.

Image resolution: 130×130, format: jpg

wallpaper – contains background images.

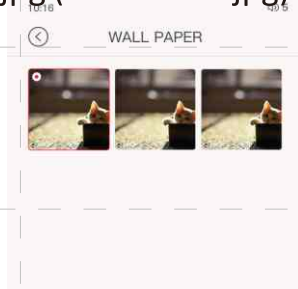
Image resolution: 480×480, format: jpg

File name and format must be exactly:

bg4.jpg, bg5.jpg, bg6.jpg (lowercase .jpg)

Example for bg4:
bg4.jpg (130×130)
in miniwallpaper
bg4.jpg (480×480)
in wallpaper

Repeat the same for bg5 and bg6.



3.13 Settings-Developer Options

Welcome Message: For customized product to add welcome message when turn on the device.

Startup Playback: Auto play when device turns on.

Play Mode: Set the default play mode for Repeat one / Repeat All / Playlist / Shuffle

Default Volume: Set the default volume of device.

Max Volume: Set the default max volume of device.

EQ: Set the default EQ of device.

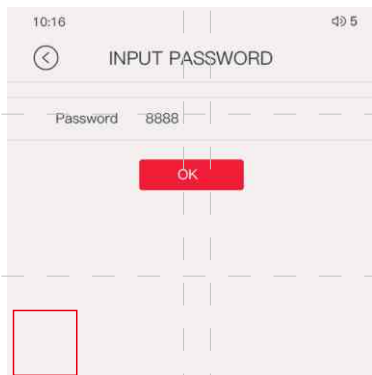
Startup Interface: Set the default interface when startup.

Language: Set language for device.

Brightness: Set backlight of device.

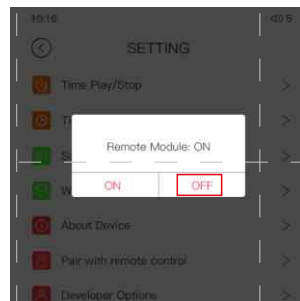
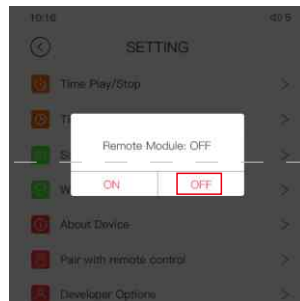
Pwd enter: Enable/disable password for entering settings.
Login pwd: Set the password for entering settings.

Notes: If you forget the password, you can long press on the left corner for 5-10secs to trigger resetting the password to 8888.



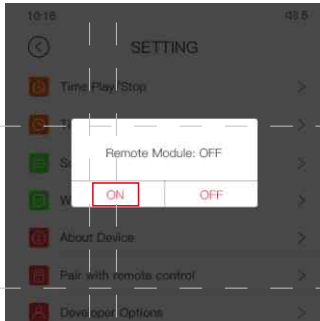
3.14 Settings-Pair with remote control

A. Click  Pair with remote control, the device will show you the remote module status. No matter it's on or off, you need to click OFF to turn off the remote module for pairing firstly.



B. Long press on previous and next button together on remote control, until you see the blue light on top of remote control constantly on.

C. click  Pair with remote control on , click ON. The blue light will be flashing and it's paired with device.



Chapter 4: Technical Parameters

4" Capacitive Touch Screen

Power Supply: AC100-240V

Output Power: (RMS 2 x 20W @4Ω)

Output Impedance: 4-8Ω

Extended TF card up to 32G

BT Transmission Distance: ≤ 10M

Product size: 86 x 86 x 46mm