

# Bluetooth Audio Amplifier

24W Stereo

Class D

Hi-Res DAC

CSR apt-X

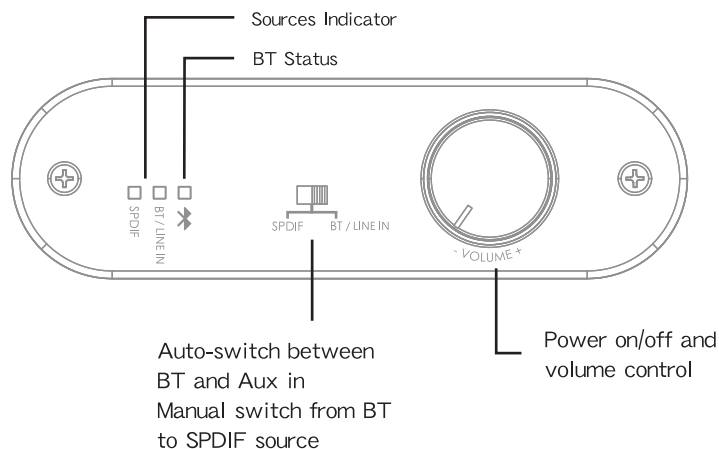
## 1. Specifications

- Audio Inputs : Bluetooth Receiver / stereo audio line level / Toslink
- Bluetooth Version : Bluetooth v4.2 compliant with aptX
- Bluetooth Receive Distance : 20 Meters
- Power Amplifier Type : Stereo Class-D
- Output power : 24W(rms) per channel (@  $RL=4\ \Omega$ )
- THD+N : 0.1 % (@  $RL=4\ \Omega$ ,  $f = 1\ \text{kHz}$ )
- Power Source : 24 VDC
- Minimum Load Resistance : 4  $\Omega$
- Instruction manual :  
Includes Speaker Protection circuit.  
3 min link-lost timeout function. Bluetooth automatically switch to pairing state if reconnecting fail.  
Audio priority: BT > Line In.

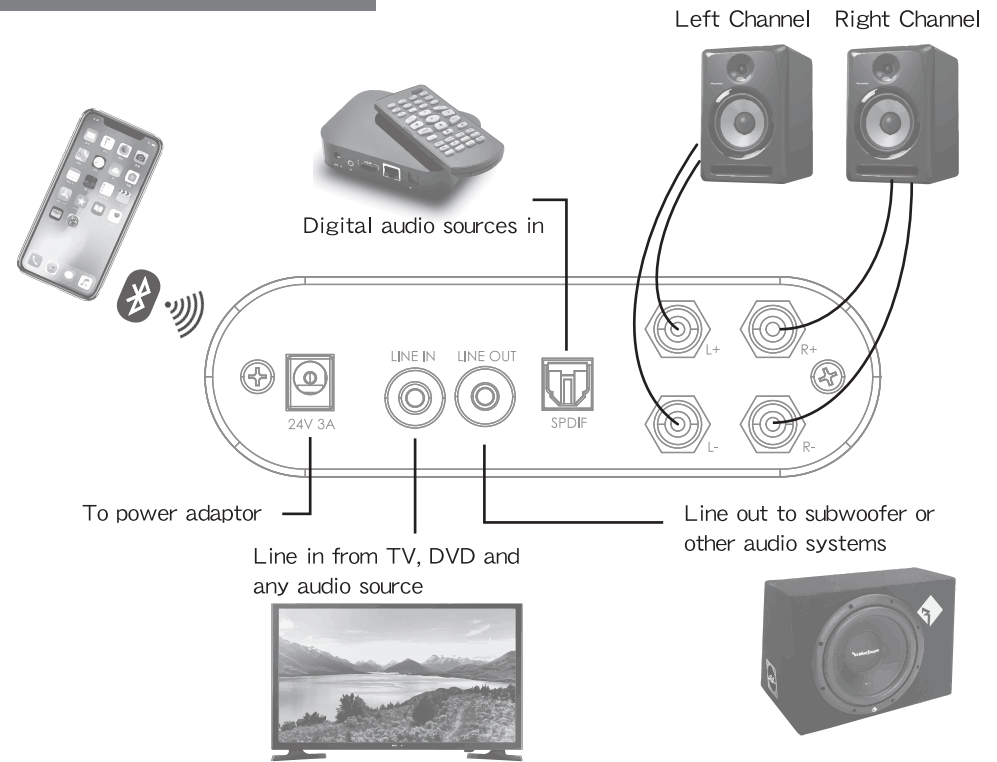
## 2. Operating

1. Connect cables as the schematic diagram in section 4.
2. Switch volume control to power on.
3. BT status LED quick blinking waiting for connection.
4. Connect the "Music BT" from phones bluetooth. BT status goes to slow blinking when connecting done.
5. Line in and BT are auto switch, the priority is BT first when playing.
6. Switch to SPDIF when using digital input.

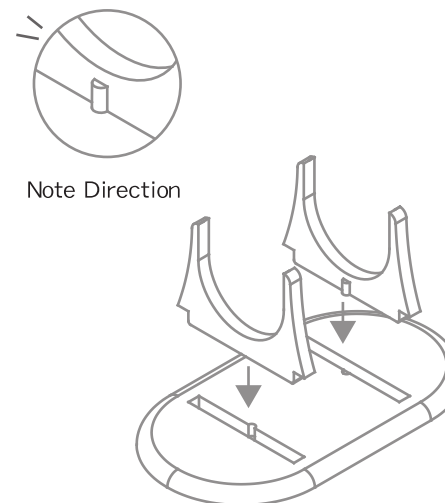
## 3. Operation interface



## 4. Installation



## 5. Stand



## 6. Trouble Shooting

### Bluetooth Connecting Fail

Make sure other phones don't occupy the Bluetooth connection. Turn off the power and turn it on again, the Bluetooth will automatically enter the open pairing state.

### Noise In Speakers

Make sure the wire is good, and there is no noise in the input source itself.

### Sound interruption

Make sure the level of the LINE IN input is normal. If there is an interruption, please turn down the volume.

### SPDIF Input Trouble

Confirm that the digital input is in LPCM format and that the wire is good.