



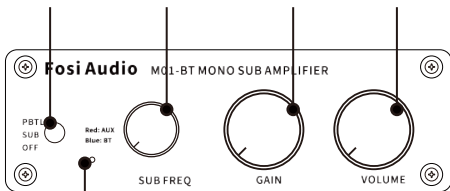
# M01-BT Mono Subwoofer Amplifier User's Guide



**M01-BT**

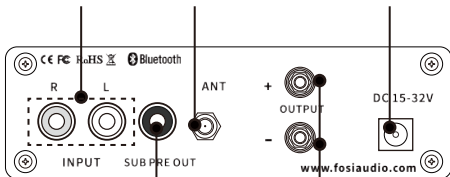
# Product Details

Power Switch / PBT & SUB Selector      SUB Frequency Control      Gain Control      Volume Control



Bluetooth / AUX Input  
Indicator Light

RCA Input      Bluetooth Antenna Interface      DC Input



Bluetooth  
Antenna

Active / Powered  
Subwoofer Output

Passive Speaker &  
Subwoofer Output

# Product Specifications

Fosi Audio M01-BT is used as a subwoofer amplifier or a full-frequency mono amplifier, with SUB Frequency control, Gain control, and Volume control. The M01-BT supports Bluetooth or RCA input, suitable for most home powered subwoofer, passive speaker/subwoofer. The M01-BT adopts STMicro TDA7498E high-performance chip to output 220W stably, low distortion to show ultra-high-definition sound quality. Let's join the audiophile's music journey with Fosi Audio M01-BT!

Audio Input	Bluetooth, RCA
Output	Passive Speaker/Subwoofer, Powered Subwoofer
SNR	$\geq 102\text{dB}$
THD	$\leq 0.05\%$
Input Sensitivity	$\leq 0.2\text{mV}$
Power Amplifier Chip	TDA7498E
Power Adapter	24V/4.5A
DC Input Range	15V-32V
Full Frequency Response Range	20Hz-20KHz ( $\pm 3\text{db}$ )
Bass Frequency Range	20-200Hz
Terminating Impedance	2 - 8 Ohm
MAX Power Output	MAX 220watt @ 4ohm MAX 150watt @ 8ohm
Bluetooth Transmission Distance	Up to 50Ft
Dimensions	4.72×4.72×1.18 inches
Product weight	1.02lb / 462g

# Quick Setup

## How to Use?

### Step 1:

- ① **Install the Bluetooth antenna.** Connect the power adapter to the socket and the M01-BT. Please make sure the blue LED light on the power adapter stays on. Then flip up the power switch button on the front panel. The input indicator light is on.
- ② **Switch to PBTL (As a full frequency mono amp):** You can use the banana plugs or bare wires to connect the passive speaker to the M01-BT. Use the RCA cable to connect the powered subwoofer to the M01-BT.
- ③ **Switch to SUB (As a subwoofer amp):** You can use the banana plugs or bare wires to connect the passive subwoofer to the M01-BT. Use the RCA cable to connect the powered subwoofer to the M01-BT.

### Step 2:

- ① **RCA Input:** Use the RCA cable to connect the M01-BT with your device. The input mode indicator light on the front panel will stay on **Red** after a successful connection.
- ② **Bluetooth Input:** Turn on the Bluetooth on your device, then select "M01-BT" for pairing, the input mode indicator light will stay on **Blue** after a successful connection. Once Bluetooth is connected, the RCA input will be interrupted. If you want to use the RCA input again, just disconnect the Bluetooth.



### **Step 3:**

Adjust the Volume control, SUB Frequency control, Gain control, then enjoy it!

**Note:** Make sure that all the cables are completely pushed into the device.

## **Q&A/ Troubleshooting**

### **1. Get noise when playing music?**

- Try another Bluetooth device. Make sure to install the Bluetooth antenna. Weak or unstable Bluetooth signal will cause this problem. Try to close your device to the M01-BT.
- Try another RCA cable and make sure the audio cable is connected correctly.
- Please unplug the RCA cable from the amplifier, and then turn it on to have a try.
- Please change the audio cable and audio source to have a try.
- Make sure that all the cables are completely pushed into the device, incompletely connection will cause this issue.
- Please keep the M01-BT away from other electronic devices.

### **2. All cables are connected, but there is no audio output?**

- Please check the indicator light on the front panel of the M01-BT and the power supply are on.
- If the indicator light stays on, please check if the volume knob is at the minimum state, if it is, please turn up the volume.
- Make sure that M01-BT is in the play mode you want.

**Note:** Bluetooth input mode (The input mode indicator light will turn **Blue**.)

RCA input mode (The input mode indicator light will turn **Red**.)

Once Bluetooth is connected, the RCA input will be interrupted.

- Please check if the audio source is paused.
- Please try to change the sound source, cables and speaker/subwoofer.
- Restart the M01-BT and your device, then try to connect again.

**Note:** Make sure that all the cables are completely pushed into the device.

### **3. My Bluetooth device can't pair with M01-BT?**

- Make sure that the M01-BT is powered on and the blue LED light on the power adapter stays on.
- Make sure that the M01-BT is not paired with other devices.
- Make sure that the distance between your device and the M01-BT is not too long, close your device to the M01-BT to have a try.
- Make sure there are no obstacles between your device and the M01-BT, obstacles will affect the Bluetooth operation distance.
- Please try to change another Bluetooth audio source to test.
- Please replug the power supply, move the amplifier to another room and test it again.
- Restart the M01-BT and then try to connect again, try to use another brand of mobile phone.

#### **4. Can I connect a turntable to it?**

- If your turntable has a built-in phono preamp, you can directly connect the M01-BT to your turntable with RCA cable.
- If your turntable does not have a built-in phono preamp, you need to add a phono preamp to the turntable and the M01-BT, similar to our BOX X2.

#### **5. Can't power on?**

- Make sure that the blue LED light on the power adapter stays on.
- If it does not light up: Unplug the power adapter from the M01-BT, plug the power adapter directly into the AC power source, and see if the LED will light up. If it still does not light up, it may be a problem with the power adapter. Please contact us to replace the power adapter.
- You can use the DC15-32V power adapter of the camera or router to connect the M01-BT to test whether the M01-BT can be turned on.

#### **6. Can this amp be left on all the time?**

- It can be connected all the time and it is safe without power consumption.

#### **7. What does the SUB FREQ knob do? Does it only adjust the frequency output by the passive subwoofer?**

- SUB FREQ is to adjust the output frequency of passive subwoofer and sub pre-out, the adjustment range is 20-200Hz.

#### **8. What does the GAIN knob do?**

- M01-BT is designed with a GAIN switch, if the sound is not loud enough, you can adjust the GAIN switch button to a suitable volume.



## **9. Why Bluetooth is intermittent?**

- Use another Bluetooth device to have a try.
- Ensure that there is no interference from other electronic equipment between the M01-BT and the audio source.
- Put your device close to the M01-BT.
- Restart the M01-BT to have a try.

## **10. Why the sound cut in and cut out?**

- Try to reduce the sound of the sound source.
- Try to change the audio source to test.
- Ensure that the positive and negative poles of the speaker output do not touch together. Some relatively large banana plugs are easy to touch together and cause a short circuit.

## **11. Doesn't work for subwoofer?**

- Please make sure the PBTL & SUB Switch on the front panel is select to SUB.
- Select to PBTL (As a full frequency mono amp):  
Response Range: 20Hz-20KHz  
Select to SUB (As a subwoofer amp): Response Range: 20-200Hz
- You can adjust the SUB FREQ knob to a suitable site. The adjustment range is 20-200Hz.
- Please try to change the sound source and subwoofer.

## **Package Contents**

- M01-BT Amplifier ×1
- Bluetooth Antenna ×1
- AC Cord ×1
- Power Adapter ×1
- User Manual ×1