

## **MC351 User Manual**

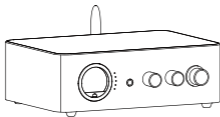
# Introduction

Thank you for choosing the Fosi Audio MC351 digital amplifier.

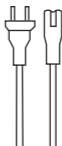
The MC351 is a 2.1 channel integrated amplifier with a built-in DAC, supporting up to 48V power supply to provide substantial power to your subwoofer. It comes equipped with Bluetooth, RCA, coaxial, optical, and USB inputs, facilitating easy connection to various audio sources. The design of the product integrates both retro and modern elements; the circular VU meter on the front panel not only adds to the visual appeal but also reflects the strength of the audio signal in real time. Next to the VU meter, there are five input mode indicators and a MODE button, which allows for easy switching between modes and clearly displays the current input status. Additionally, the bass and treble adjustment knobs with central detent let you customize your listening experience, offering a personalized sound experience.

Thank you again for your support of the MC351. We hope it adds immense pleasure to your musical journey.

## Packing List



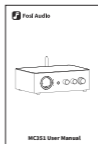
MC351 Amplifier



32V/5A Power Supply

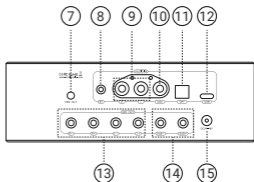
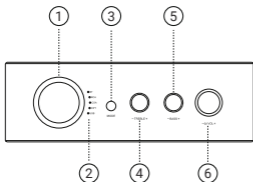


Bluetooth Antenna



User Manual

# Product Overview



- ① VU Meter
- ② Input Mode Indicator
- ③ Input Mode Selection Button
- ④ Treble Control Knob
- ⑤ Bass Control Knob
- ⑥ Power Switch/Volume Knob
- ⑦ Pre-Out Interface
- ⑧ Bluetooth Antenna Connector
- ⑨ RCA Input Interface
- ⑩ Coaxial Input Interface
- ⑪ Optical Input Interface
- ⑫ USB Input Interface
- ⑬ Passive Speaker Binding Posts
- ⑭ Passive Subwoofer Binding Posts
- ⑮ DC24-48V Power Interface

# Specifications

<b>Channels</b>	2.1
<b>Input</b>	Bluetooth, RCA, Coaxial, Optical, USB
<b>Recommended Speakers Impedance</b>	Passive Speakers, Passive Subwoofer, Pre-Out
<b>Op-amp</b>	TI TPA3255
<b>RMS Power</b>	165W×2+350W@4Ω
<b>SNR</b>	≥100dB
<b>Dynamic Range</b>	≥100dB
<b>Distortion</b>	≤0.03%
<b>Speaker Impedance</b>	4-8Ω
<b>Frequency Response</b>	20Hz-20kHz(±0.5dB)
<b>Subwoofer Output Frequency</b>	20Hz-250Hz
<b>Voltage Range</b>	DC24-48V
<b>Bluetooth Version</b>	Bluetooth 5.3
<b>Sampling Rate</b>	USB 24bit/96kHz OPT/COA 32bit/192kHz
<b>Bluetooth Range</b>	≥10m (barrier-free)
<b>Bluetooth Transmission Format</b>	SBC/AAC

# Quick Setup

**Note: The USB interface is for data transfer only, not for power supply.**

1. Connect the Bluetooth antenna to the MC351;
2. Use speaker cables to connect passive speakers to the MC351's speaker output ports and connect a passive subwoofer to the MC351's subwoofer output port;
3. Depending on the output mode of your audio source, choose the appropriate cable (RCA, coaxial, optical, or directly use Bluetooth input) to connect the audio source to the MC351;
4. Connect the power supply to the MC351's power interface;
5. Turn on the device by rotating the power switch/volume knob clockwise and use the MODE button to select the corresponding input mode;
6. Adjust the volume to an appropriate level and use the bass and treble control knobs to fine-tune the sound to your preference.

## Frequently Asked Questions

### **1. Why does the sound only come from the phone when using it as the audio source in USB mode, despite all devices being correctly connected?**

Please verify if the data transfer function on your phone is activated. Some phones automatically facilitate data transfer, while others require manual activation of this feature.

### **2. Why is there no sound during playback despite all connections being correct?**

- A. Please rotate the power switch/volume knob to check if the device is turned off or if the volume is too low.
- B. Verify the input mode indicator to ensure the correct input mode is selected.
- C. Check if the audio source device is not playing or is on mute.

### **3. What is the purpose of the PRE OUT interface on the Fosi Audio MC351?**

It is designed to expand your audio system, allowing connections to an active subwoofer, active speakers, or an additional amplifier. It's important to note that the volume output from this interface can be adjusted via the volume knob, but it is not affected by the treble and bass settings.

#### **4. Why do interruptions occur in the sound during Bluetooth mode?**

- A.** Please check and ensure there are no other interfering signals or electronic devices nearby;
- B.** Try moving the amplifier closer to the Bluetooth source device to enhance signal reception;
- C.** Remove and then securely reinstall the Bluetooth antenna, or try testing with a different antenna;
- D.** Test with another Bluetooth device to see if the issue persists;
- E.** Verify that the amplifier is set to the correct input and output modes; try switching modes to troubleshoot the problem.

#### **5. How to change the sampling rate in USB mode?**

- A.** Open the Control Panel and go to Sound settings.
- B.** In Sound settings, locate and right-click on the Fosi Audio device, then select "Properties."
- C.** Navigate to the "Advanced" tab, where you can adjust the sampling rate to your desired setting.

If you have any further questions, please contact our support team at **[support@fosiaudio.com](mailto:support@fosiaudio.com)**.

# Warranty and Maintenance

Fosi Audio pledges to give a 24-month limited warranty and support from the date of purchase. If you encounter any problem when using our product, please contact our support team at **support@fosiaudio.com**.

## About Us

Fosi Audio designs and builds innovative audio products with all your music in mind. Great sound, simple but elegant designs, high-quality components, and truly useful features are what Fosi Audio pursues. We sincerely hope you can get as much enjoyment from our products as we've had to create them!

**Our Website:** [www.fosiaudio.com](http://www.fosiaudio.com)

**Amazon Store:** [www.amazon.com/fosiaudio](http://www.amazon.com/fosiaudio)

**Facebook Page:** [www.facebook.com/fosiaudioglobal](http://www.facebook.com/fosiaudioglobal)

**Youtube Channel:** [www.youtube.com/@fosiaudio](http://www.youtube.com/@fosiaudio)

**Official Forum:** <https://community.fosiaudio.com>

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**After-Sales Service and Technical Support Email:**

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