

## **MC351 User Manual**

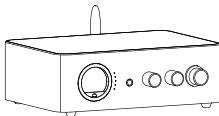
# Introduction

Thank you for choosing the Fosi Audio MC351 digital amplifier.

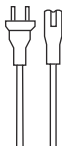
The MC351 is a 2.1 channel integrated amplifier with a built-in DAC, supporting up to 48V power supply to provide substantial power to your subwoofer. It comes equipped with Bluetooth, RCA, coaxial, optical, and USB inputs, facilitating easy connection to various audio sources. The design of the product 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



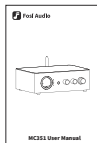
MC351 Amplifier



32V/5A Power Supply

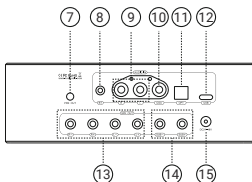
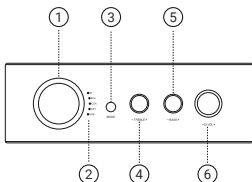


Bluetooth Antenna



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

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

**Whatsapp:** +86 13716612254

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

[support@fosiaudio.com](mailto:support@fosiaudio.com)



Get online support



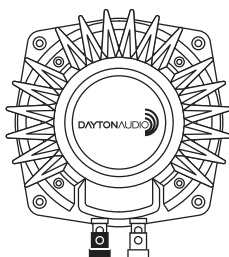
# HIGH POWER BASS SHAKER

Model: BST-300EX User  
Manual



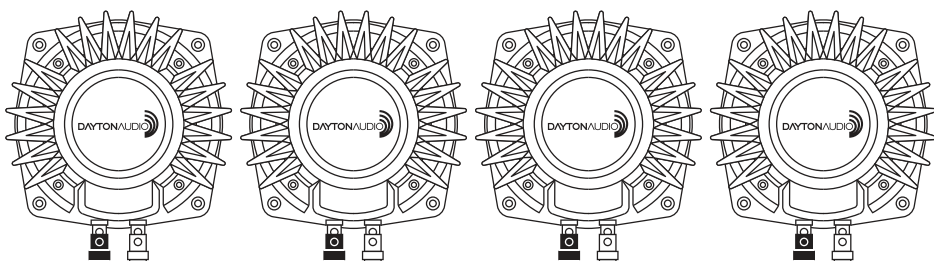
*Thank you for purchasing the BST-300EX Bass Shaker. The human ear has the ability to hear a wide range of sounds, however, some sound is simply too low to hear and must be felt through the body. Feeling this extremely low frequency sound adds a new dimension to your listening, gaming, and movie experiences. With a BST-300EX Bass Shaker you'll feel the thundering weight of a dinosaur's foot slamming against the ground as it approaches. Your favorite action movies will come to life as you feel the cannon blasts and explosions impacting your body! Into gaming? The BST-300EX is the perfect addition to your gaming chair or couch! Read the following instructions, paying close attention to wiring diagrams and cautions.*

## CONNECTING A SINGLE BASS SHAKER



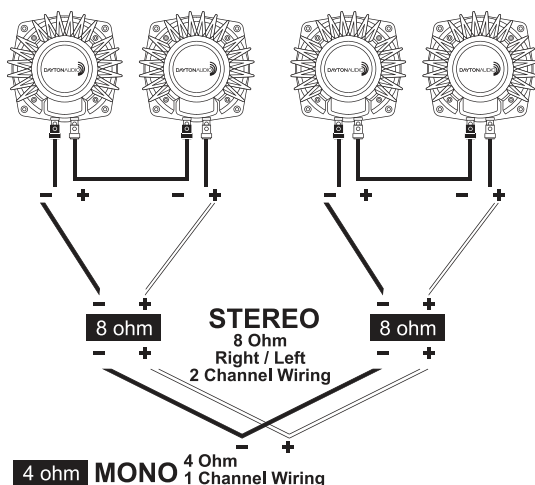
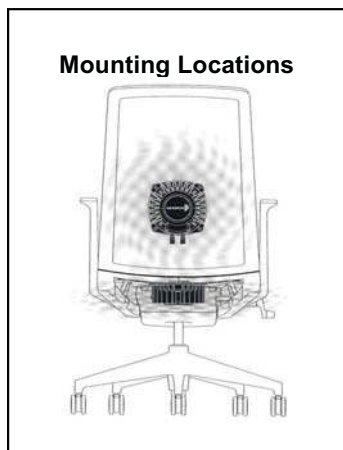
The impedance of the BST-300EX is **4 ohms**. When used in a single unit configuration it must be hooked up to an amplifier that is either stereo or bridged mono, the same way you would connect a subwoofer. **Please consult the amplifier manual for details regarding the impedance rating of your amplifier.**

## CONNECTING MULTIPLE BASS SHAKERS



Two or Four Bass Shakers can be used in situations where more bass energy is desired or in larger applications. Connecting two in Series configuration will raise the impedance to 8 ohms, connecting two in Parallel will lower the impedance to 2 ohms, and wiring four Bass Shakers in Series-Parallel will keep the overall impedance to 4 ohms. Again, always consult your amplifier's owners manual to verify it has the power capability that achieves the wattage and various impedances. **WARNING: Do NOT exceed 300 watts RMS per Bass Shaker multiplied by the number of Shakers (example:  $300 \times 4 = 1200$  Watts RMS)**

## INSTALLATION NOTES



**HOME** – Mounting the Bass Shaker to chairs or couches that are not fixed to the floor will provide the greatest effects. The energy of the Bass Shaker will impact the user's body rather than travel through the furniture and disperse the energy into the floor. Isolating the furniture from the floor is highly recommended by using pads or rubber feet. Find a solid mounting area for your Bass Shaker(s) underneath and/or on the rear of the furniture's construction. Use four wood screws or stingers to mount the Bass Shaker to the structure. Should no solid mount exist it is recommended that one be constructed using hardwood or plywood. Try to avoid fabric or padding coming into contact with the Bass Shaker. It is important the Bass Shaker come in full contact with a solid flat surface. **Recommended wire gauge is 12-14 Gauge Speaker Wire.**

**AUTO** – Mounting the Bass Shaker under the seats is highly recommended rather than on the seat itself. Move (or remove) your seat forward as far as possible, and identify the spot under the seat that vibrates the most by knocking on the flooring using a rubber mallet or soft hammer. Again, ensuring the Bass Shaker comes into full contact with the floor surface is critical to the performance of the Bass Shaker. Wiring in advance of the installation is recommended. Ensure your wire is without kinks or bends and that no bare wire is touching metal. Use four steel screws or stingers to mount the Bass Shaker to the floor of your vehicle. **Recommended wire gauge is 12-14 Gauge Speaker Wire.**

**WARNING:** Always check under carpeted locations and recheck the mounting area so as to not cut or drill into any existing electrical wiring, airbag sensors, hydraulics, brakes, gas, or fuel lines.

### ADDITIONAL NOTES AND SUGGESTIONS:

- Add a Low Pass 4 Ohm Crossover at a suggested 80Hz to reduce the possibility of high frequency sounds

## SPECIFICATIONS:

**Housing:** High Grade Aluminum

**Impedance:** 4 ohms

**Power Handling:** 300WPC RMS

**Weight:** 3.75 lbs

### Warranty Information

Dayton Audio products are warranted free from defects in material and workmanship for **5 years** from date of purchase (see exceptions below). In the rare case of a product failure, please contact your place of purchase or call our Customer Support Department at (937) 743-8248.

### Warranty Limitations

There are no other warranties, either express or implied, that extend the foregoing, and there are no warranties of merchantability or fitness for any particular purpose. Dayton Audio is not responsible for any consequential or inconsequential damage to any other unit or component or the cost for installation or extraction of any component of the audio system, or for the improper use of products. This includes but is not limited to burnt voice coils, overheating, bent frames, holes in the cone, or broken lead wires. Warranty does not apply to misuse, abuse, neglect, accident, improper use, etc. Dayton Audio reserves the right to repair or replace the products with either a new or factory refurbished unit.

**Exception:** Dayton Audio HDMI Cables -- No registration, no questions asked LIFETIME warranty. Replacement of Dayton Audio HDMI cables is with equal or better quality HDMI cables. Unassembled Kits - A 45-day return policy applies to unassembled kits. Once assembly has been started or completed, kits are deemed used and are nonreturnable for refund/exchange. This does not limit the manufacturers' warranty policies on any kit component.

This warranty gives you specific legal rights and you may also have other rights that vary from state to state.

**Non-Warranty Service:** If non-warranty service is required, the product may be sent to the Company for repair/replacement, transportation prepaid, by calling (937) 743-8248 for details, complete instructions, and service fee charges.



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