

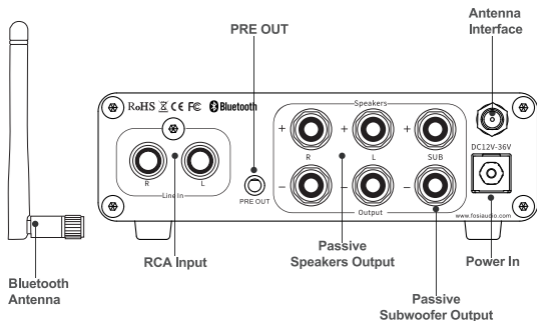
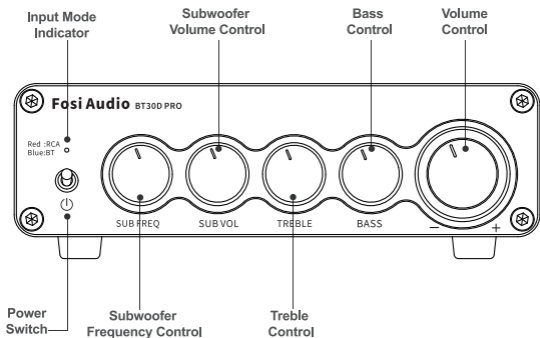


BT30D PRO Bluetooth Power Amplifier User's Guide



BT30D PRO

Product Overview



Product Specifications

Fosi Audio BT30D PRO is a HiFi Bluetooth 5.0 power amplifier that features SUB volume/Frequency control, Bass/Treble control. Support Bluetooth or RCA input, suitable for most passive speakers, passive/powered subwoofer. Adopt TPA3255 high-performance chips to output 680W stably, low distortion to show ultra-high-definition sound quality. The perfect solution to meet all your audio needs! Let's join the audiophile's music journey with Fosi Audio BT30D PRO!

Audio Input:	Bluetooth / RCA
Output Interfaces:	3.5MM full-range output, Speaker's / Subwoofer output
Output:	Passive Speakers / Subwoofer +Active Speakers / Subwoofer
Power Amplifier Chip:	TPA3255
DC Input Range:	DC 12-36V
THD:	≤ 0.04%
SNR:	≥ 108dB
Frequency Range:	20Hz - 20kHz (±1dB)
Input Sensitivity:	700mV
Terminating Impedance:	2-8Ω
MAX Power Output:	165W x2+350W(@4Ω)
Bluetooth Transmission Distance:	Up to 50 Ft (Without obstacle)

Package Contents

Fosi Audio BT30D PRO ×1
Bluetooth Antenna ×1
User Manual ×1
Power Adapter ×1

Quick Setup

How to Use?

- Step 1:** ① Connect the power adapter to the socket and the BT30D PRO. Please make sure the green LED light on the power adapter stays on.
- ② Connect the active (powered) speakers to the BT30D PRO.
- ③ Connect passive speakers to the BT30D PRO using banana plugs or bare wire. Then turn on the power switch.
- Step 2:** ① RCA line input: Use an RCA cable to connect the BT30D PRO and your device. The input mode indicator light will turn red after a successful connection.
- ② Bluetooth input: Turn on the Bluetooth on your device, then select "Fosi Audio BT30D PRO" for pairing, the input mode indicator light will turn 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:** ① Adjust the volume control, SUB volume/Frequency control, Bass/Treble 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 to use other Bluetooth devices. Weak or unstable Bluetooth signal will cause this problem, try to close your device to the BT30D PRO.
- 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.
- Did you set the "treble" volume to the top? Please volume down the "Treble" volume.
- The gain of BT30D PRO is larger than other model, you can volume down the "Treble" sound. Some speakers are very sensitive so that the white noise will be obvious, it's normal that BT30D PRO has some noise when you turn up the "Treble" volume.
- Make sure that all the cables are completely pushed into the device, incompletely connection will cause this issue.
- Please keep this device 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 amplifier and the power supply are on.
- If the indicator light is on, please check if the volume knob is at the minimum state, if it is, please turn up the volume.
- Make sure that BT30D PRO 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 speakers /subwoofer.
- Restart the BT30D PRO 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 BT30D PRO?

- Make sure that BT30D PRO is on and the LED light on the power adapter is green.
- Make sure that BT30D PRO is not paired with other devices.
- Make sure that the distance between your device and BT30D PRO is not too long, close your device to BT30D PRO to have a try.
- Make sure there are no obstacles between your device and BT30D PRO, 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 BT30D PRO and then try to connect again, try to use another brand of mobile phone.



4. One channel does not work?

- Please test whether the Bluetooth and RCA input have the same problem first.
- If the two modes have the same problem, swap the speaker cables of the left and right channels, or change another speaker, and then test whether this channel still does not work.
- If only RCA or Bluetooth mode does not work, change the audio source, change the RCA cable and test again, and make sure that all the cables are completely pushed into the device.

5. Can I connect a turntable to it?

- If your turntable has a built-in phono preamp, you can directly connect the BT30D PRO 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 BT30D PRO, similar to our BOX X2.

6. Can't power on?

- Make sure that the LED light on the power adapter is on.
- If it does not light up: unplug the power adapter from the BT30D PRO, 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.
- Is there any other DC12-36V power adapter at home? You can use the camera or router's power adapter to connect to the BT30D PRO, test to see if the BT30D PRO can be turned on.

7. Sound quality is not good?

- Make sure all the cables are fully connected.
- Adjust the treble and bass control of the power amplifier to achieve the right tone.
- Please try to change the sound source and cables to test.

8: Does the BT30D PRO support Bluetooth aptX and Low Latency?

- No. BT30D PRO does not support Dolby, aptX, aptX HD and aptX Low Latency.

9. Can this amp be left on all the time?

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

10. Should I unplug the power cord?

- If the item will not be used for a long time, please unplug the power plug to prevent the item from being burnt due to lightning strike.

11. Do I have to connect all the outputs of BT30D PRO? Can I only connect one speaker? Or just use it as a subwoofer preamp?

- Yes, you can do it. You don't need to connect all the outputs.

12. Can the BT30D PRO be used as a 2.0 channel power amplifier? Can it be used without connecting the subwoofer?

- Yes.

13. 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, the adjustment range is 0-300Hz.

14. Is the Bass adjustment effective for the passive subwoofer of the BT30D PRO?

- Yes, it works.

15. Why Bluetooth is intermittent?

- Try to change a Bluetooth device.
- Ensure that there is no interference from other electronic equipment between the BT30D PRO and the audio source.
- Put the sound source close to the BT30D PRO.
- Replug the power adapter.

16. What speakers are suitable for the BT30D PRO?

- BT30D PRO is suitable for most home audio-visual systems, it can drive up to 350watts, 3-8 Ω speakers.

17. 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.
- Reduce the volume of the treble bass amplifier.
- 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.

18. Can I take the BT30D PRO to other countries?

- Yes, the wide voltage AC 110v-240V for power input can be used in any country. You only need to match the power cord adapter of the corresponding country.

Warranty Information

All Fosi Audio products have an 18-month limited warranty on parts and labor from the date of purchase. Please contact us if you have any problems.

About Fosi Audio

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

Our website: www.fosiaudio.com

Amazon store: www.amazon.com/fosiaudio

Our Youtube channel: Fosi Audio

Our Facebook page: Fosi Audio

After-sale Service and Technical Support Email: support@fosiaudio.com







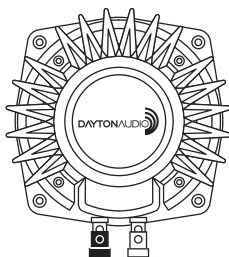
HIGH POWER BASS SHAKER

Model: BST-300EX User
Manual



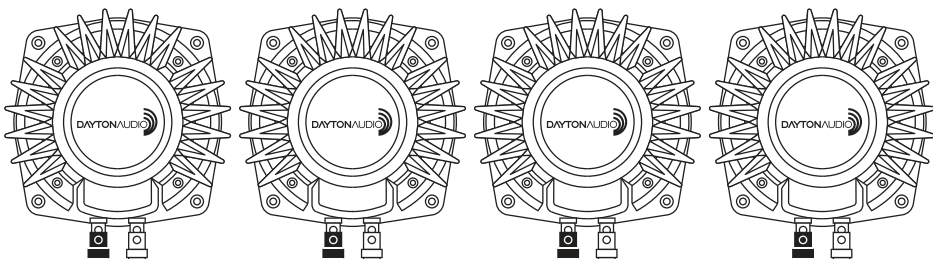
Thank you for purchasing the BST-300EX Bass Shaker. The human ear has the ability to hear a wide range of sounds, however, some sound is simply too low to hear and must be felt through the body. Feeling this extremely low frequency sound adds a new dimension to your listening, gaming, and movie experiences. 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



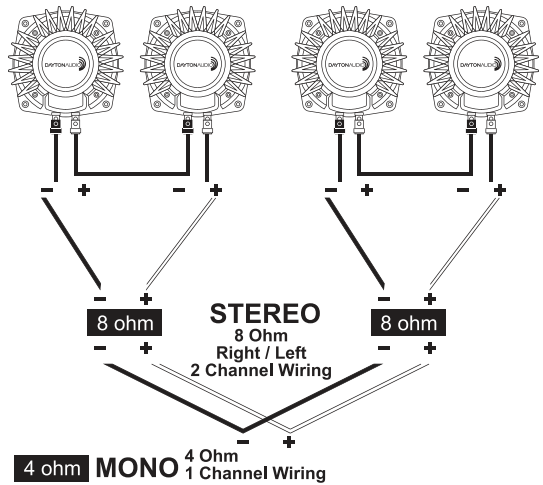
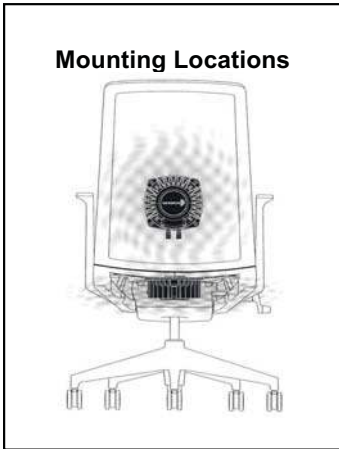
The impedance of the BST-300EX is **4 ohms**. When used in a single unit configuration it must be hooked up to an amplifier that is either stereo or bridged mono, the same way you would connect a subwoofer. **Please consult the amplifier manual for details regarding the impedance rating of your amplifier.**

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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