

TURBOSOUND IP12B

Turbosound iNSPIRE iP12B 1000 Watt Powered 12" Subwoofer User Manual

Model: iP12B

INTRODUCTION

This manual provides essential information for the safe and efficient operation of your Turbosound iNSPIRE iP12B Powered 12" Subwoofer. Please read this manual thoroughly before operating the device to ensure proper usage and to prevent damage.

The iP12B is a 1000 Watt powered 12" subwoofer designed for portable PA applications and high-quality music playback. It features dual amplifiers for satellite speakers, KLARK TEKNIK Spatial Sound Technology, a digital mixer, and remote control capabilities via iPhone/iPad, along with Bluetooth audio streaming.

IMPORTANT SAFETY INSTRUCTIONS

- Read these instructions.
- Keep these instructions.
- Heed all warnings.
- Follow all instructions.
- Do not use this apparatus near water.
- Clean only with a dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong.

The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

- Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Only use attachments/accessories specified by the manufacturer.
- Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
- Unplug this apparatus during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

CAUTION: Risk of electric shock! Do not open!

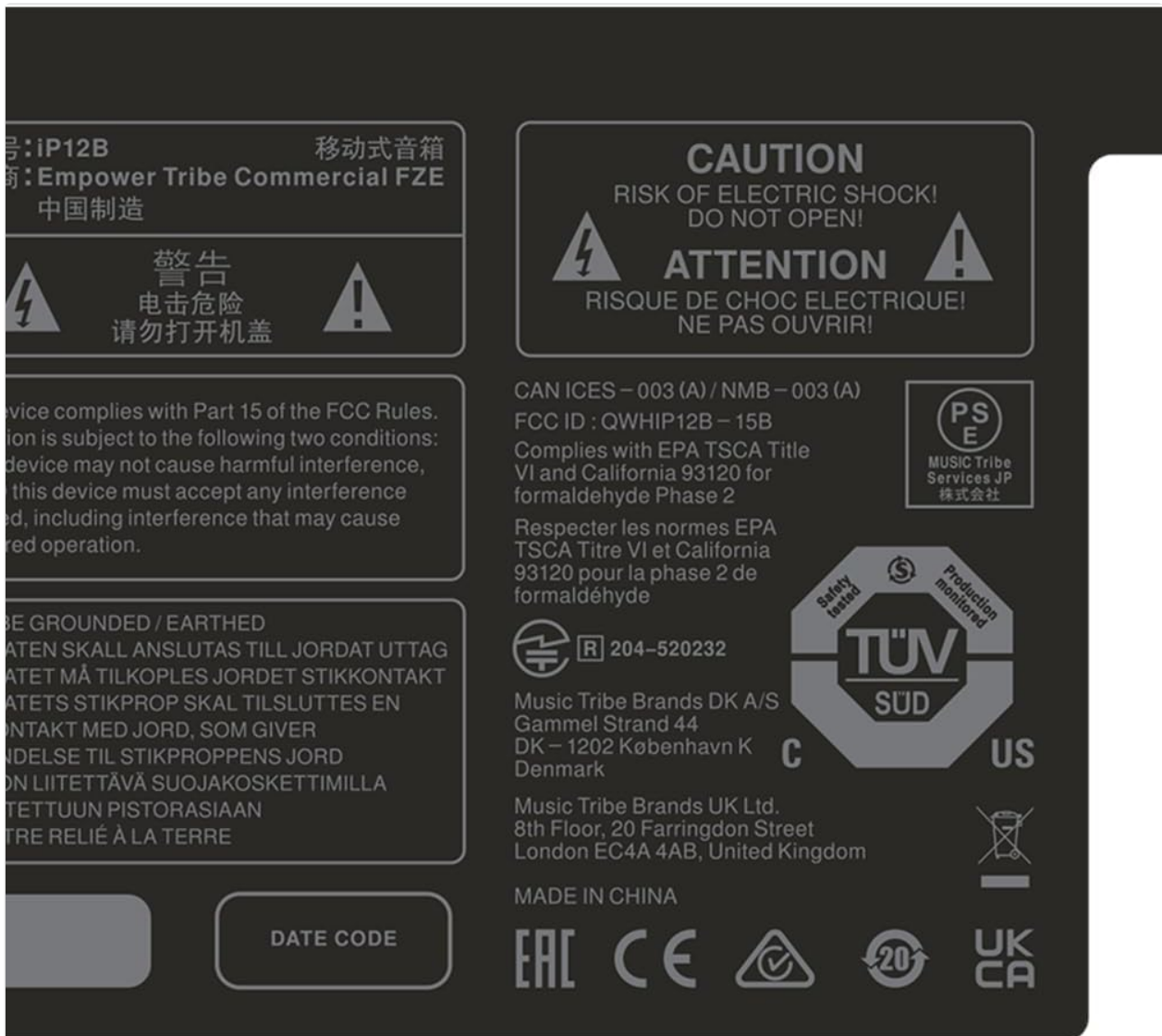


Image: Rear panel of the iP12B subwoofer showing input/output connections, power inlet, and safety labels.

KEY FEATURES

- Powered 12" subwoofer for portable PA applications and high-quality music playback.
- KLARK TEKNIK's revolutionary SST (Spatial Sound Technology) for creating 3D acoustic environments.
- 1,000 Watt power, multi-channel KLARK TEKNIK Class-D technology.
- 600 Watt high excursion 12" subwoofer for low distortion sub-bass response.
- Dual 200 Watt amplifiers included for stereo satellite speakers.

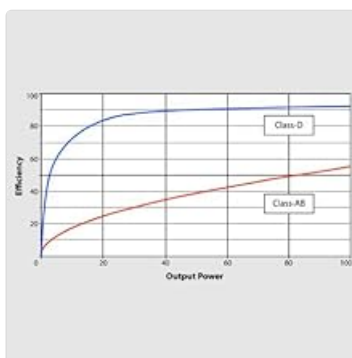


Image: Efficiency comparison graph illustrating the superior performance of Class-D amplification.



Image: Internal view of an advanced heat sink, indicating efficient thermal management for sustained performance.

SETUP

Unpacking and Placement

Carefully unpack your iP12B subwoofer. Inspect the unit for any signs of damage that may have occurred during transit. If damage is found, contact your dealer immediately.

Place the subwoofer on a stable, flat surface. The iP12B is designed for floor standing use. Ensure adequate ventilation around the unit.



Image: Front view of the iP12B subwoofer, showing the protective grille and Turbosound logo.

Connections

1. **Power Connection:** Connect the supplied power cord to the AC inlet on the rear panel of the subwoofer and then to a suitable power outlet. Ensure the power switch is in the OFF position before connecting.
2. **Audio Input:** Connect your audio source (e.g., mixer, instrument) to the INPUT A or INPUT B XLR/TRS combo jacks on the rear panel.
3. **Satellite Speaker Output:** If using satellite speakers, connect them to the OUTPUT A and OUTPUT B XLR connectors. The iP12B provides dual 200 Watt amplifiers for these satellite speakers.
4. **Link Output:** Use the LINK A or LINK B XLR outputs to send the audio signal to additional subwoofers or other audio equipment.



Image: Rear panel of the iP12B subwoofer, detailing the input, output, and power connections.

OPERATING INSTRUCTIONS

Powering On/Off

After all connections are made, switch the power ON. The display on the control panel will illuminate.

Control Panel Overview

The iP12B features an intuitive control panel for managing settings and audio. It includes a display, a rotary encoder, and several buttons.



Image: Detailed view of the iP12B control panel, showing the display, rotary knob, and control buttons (PROCESS, SETUP, EXIT, ENTER, Bluetooth).

- **Rotary Encoder:** Turn to navigate menus and adjust parameters. Press to confirm selections.
- **PROCESS Button:** Access various audio processing settings.
- **SETUP Button:** Enter the system setup menu for configuration options.
- **EXIT Button:** Go back to the previous menu or exit current settings.
- **ENTER Button:** Confirm selections or enter sub-menus.
- **Bluetooth Button:** Initiate Bluetooth pairing mode.

Bluetooth Audio Streaming

To stream audio wirelessly to your iP12B:

1. Press the **Bluetooth** button on the control panel to activate pairing mode. The Bluetooth icon on the display will flash.
2. On your smartphone or tablet, go to Bluetooth settings and select "iP12B" from the list of available devices.
3. Once paired, the Bluetooth icon on the iP12B display will stop flashing and remain solid. You can now stream audio from your device.



Image: Bluetooth logo, symbolizing the wireless audio streaming capability of the iP12B.



Image: A smartphone screen showing the dedicated Turbosound control application, allowing remote adjustment of subwoofer settings.

Remote Control via iPhone/iPad

Download the dedicated Turbosound iNSPIRE app from the Apple App Store to control your iP12B subwoofer remotely. The app allows for comprehensive control over the digital mixer, Spatial Sound Technology, and other settings.

MAINTENANCE

- **Cleaning:** Clean the exterior of the subwoofer with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Ventilation:** Ensure that the ventilation openings are clear of dust and debris to prevent overheating.
- **Storage:** If storing the unit for an extended period, ensure it is kept in a dry, temperate environment, protected from dust.
- **Servicing:** All servicing should be performed by qualified service personnel. Do not attempt to open the unit yourself.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Power cord not connected; power outlet faulty; power switch off.	Check power cord connection; try a different outlet; ensure power switch is ON.
No sound output	Input cables not connected correctly; volume too low; source device not playing.	Verify all audio cable connections; increase volume on subwoofer and source; ensure audio is playing from the source.
Bluetooth not pairing	Subwoofer not in pairing mode; device too far; interference.	Press Bluetooth button to enter pairing mode; move device closer; reduce interference from other wireless devices.

Problem	Possible Cause	Solution
Distorted sound	Input signal too high (clipping); speaker damaged.	Reduce input level from source; if distortion persists, contact service personnel.





SPECIFICATIONS

Feature	Detail
Model Name	iP12B
Speaker Type	Subwoofer
Subwoofer Diameter	12 Inches
Speaker Size	12 Inches
Speaker Maximum Output Power	1000 Watts
Wattage	1000 watts
Power Source	Corded Electric
Connectivity Technology	Bluetooth
Audio Output Mode	Stereo
Mounting Type	Floor Standing
Item Weight	49.2 pounds (22.3 kg)
Product Dimensions	19.69 x 16.54 x 19.09 inches (50 x 42 x 48.5 cm)
Manufacturer	Music Tribe US
ASIN	B01LE1K33W
UPC	748252157348

WARRANTY AND SUPPORT

For detailed warranty information and technical support, please refer to the official Turbosound website or contact your authorized dealer. Keep your proof of purchase for warranty claims. Online resources and FAQs may also be available on the manufacturer's support pages.

Related Documents - IP12B

	<p>Turbosound iP300 Quick Start Guide</p> <p>Get started with your Turbosound iP300 powered column loudspeaker. This guide covers setup, controls, and Bluetooth connectivity for this 600 Watt loudspeaker featuring KLARK TEKNIK Spatial Sound Technology.</p>
	<p>Turbosound iP300 Quick Start Guide: Setup, Controls, and Features</p> <p>Get started quickly with the Turbosound iP300, a 600 Watt Powered Column Loudspeaker featuring Klark Teknik Spatial Sound Technology, digital mixer, Bluetooth streaming, and remote control. This guide covers unpacking, controls, DSP menu, connectivity, and specifications.</p>
	<p>Turbosound INSPIRE iP2000/iP1000/iP500 Quick Start Guide</p> <p>Quick start guide for the Turbosound INSPIRE iP2000, iP1000, and iP500 powered column loudspeakers, detailing setup, safety instructions, controls, and Bluetooth connectivity.</p>
	<p>Turbosound iNSPIRE iP2000/iP1000/iP500 Quick Start Guide</p> <p>Get started with your Turbosound iNSPIRE iP2000, iP1000, and iP500 powered column loudspeakers. This guide covers assembly, controls, Bluetooth connectivity, and essential setup information for these high-performance audio systems.</p>
	<p>Turbosound iQ Series Quick Start Guide: Powered Loudspeakers and Subwoofers</p> <p>Comprehensive quick start guide for Turbosound iQ Series powered loudspeakers and subwoofers, detailing setup, controls, networking, mounting, DSP features, and technical specifications.</p>
	<p>Turbosound iQ Series Powered Loudspeakers & Subwoofers: Quick Start Guide</p> <p>Get started quickly with Turbosound's iQ Series powered loudspeakers and subwoofers. This guide covers safety, controls, DSP functions, networking, mounting, and technical specifications for models like iQ8, iQ10, iQ12, iQ15, iQ15B, and iQ18B, featuring KLARK TEKNIK DSP and ULTRANET.</p>