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FBT MUSE 210LA

FBT MUSE 210LA Vertical Array Speaker Instruction Manual

Model: MUSE 210LA

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1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your FBT MUSE 210LA Vertical Array Speaker. The MUSE 210LA is a professional line array system designed for sound reinforcement applications, offering advanced technology and modularity for various setups, from small installations to large outdoor concerts.

Please read this manual thoroughly before operating the device and retain it for future reference.

2. SAFETY INFORMATION

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.

Warning: *To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.*

3. SETUP

3.1 Unpacking

Carefully remove the FBT MUSE 210LA speaker from its packaging. Inspect the unit for any signs of damage that may have occurred during transit. Retain the original packaging for future transportation or storage.

3.2 Connections

The MUSE 210LA requires both audio input and power connections.

- **Audio Input:** Connect your audio source (e.g., mixer, audio interface) to the speaker's audio input using appropriate coaxial cables. Ensure secure connections.
- **Power:** Connect the provided power cord to the speaker's power inlet and then to a suitable electrical outlet. Verify that the power supply voltage matches the speaker's requirements.

3.3 Mounting and Placement

The FBT MUSE 210LA is designed as a vertical array speaker. Proper mounting and placement are crucial for optimal sound coverage and safety.

- **Rigging:** For line array configurations, use only FBT-approved rigging hardware and follow all local safety regulations. Consult a qualified professional for complex rigging setups.
- **Ground Stacking:** If ground stacking, ensure the speakers are placed on a stable, level surface. Use appropriate stacking accessories if available.
- **Environment:** The speaker is recommended for outdoor use. Ensure it is protected from extreme weather conditions beyond its operational specifications.



Figure 3.1: Front view of the FBT MUSE 210LA Vertical Array Speaker. This image illustrates the speaker's design, including its grille and overall form factor, which is optimized for line array applications.

4. OPERATION

4.1 Powering On/Off

- **Power On:** Ensure all connections are secure. Flip the main power switch located on the rear panel to the "ON" position. An indicator light will illuminate.
- **Power Off:** Before disconnecting power, turn off the speaker using the main power switch.

4.2 Basic Controls

The MUSE 210LA features controls for adjusting audio output.

- **Volume/Gain:** Adjust the input gain or overall volume level using the dedicated control knob. Start with a low setting and gradually increase to the desired level.
- **Special Feature:** The speaker includes a Bass Boost feature. Refer to the specific controls on the unit or within the control application for activation and adjustment.

4.3 System Configuration

For optimal performance in a line array setup, proper system configuration is essential. This may involve adjusting angles between array elements and applying digital signal processing (DSP) settings.

- Consult the FBT technical documentation or a qualified audio engineer for detailed guidance on array design and DSP settings for your specific application.

4.4 Control Method

The FBT MUSE 210LA supports control via App and Voice commands, enhancing flexibility in managing your sound system.

- **App Control:** Download the official FBT control application from your device's app store. Follow the in-app instructions to connect and control your speaker.
- **Voice Control:** Integrate the speaker with compatible voice assistant platforms. Refer to the voice assistant's documentation for setup procedures.

5. MAINTENANCE

5.1 Cleaning

To maintain the appearance and performance of your speaker:

- Use a soft, dry cloth to wipe down the exterior surfaces.
- Do not use abrasive cleaners, solvents, or waxes, as these can damage the finish.
- Ensure ventilation openings are free from dust and debris.

5.2 Storage

When not in use for extended periods, store the speaker in a cool, dry place, away from direct sunlight and extreme temperatures. If possible, use the original packaging for protection.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your FBT MUSE 210LA speaker.

Problem	Possible Cause	Solution
No sound output	Power not connected or switched off. Audio input cable disconnected or faulty. Volume/gain set too low. Source device not playing audio.	Check power connection and switch. Verify audio cable connections and try a different cable. Increase volume/gain. Ensure audio is playing from the source.
Distorted sound	Input signal too high (clipping). Speaker volume set too high. Faulty audio cable.	Reduce input level from the source. Lower the speaker's volume/gain. Try a different audio cable.
Speaker not powering on	Power cord not connected. Power outlet not active. Internal fuse blown.	Check power cord connection to speaker and outlet. Test the outlet with another device. Contact qualified service personnel for fuse replacement.

If the problem persists after attempting these solutions, please contact FBT customer support or a qualified service technician.

7. SPECIFICATIONS

Key technical specifications for the FBT MUSE 210LA Vertical Array Speaker:

Feature	Detail
Model Name	MUSE 210LA
Speaker Type	Outdoor
Special Feature	Bass Boost
Recommended Uses	Outdoor
Compatible Devices	Laptop, MP3 Player, Projector, Smartphone, Tablet, Television
Unit Count	1.0 Count
Surround Sound Channel Configuration	2.0
Is Waterproof	FALSE
Control Method	App, Voice
Power Source	Corded Electric
Audio Driver Type	Dynamic Driver
Manufacturer	FBT
Product Dimensions	37 x 26 x 19 inches
Item model number	MUSE 210LA
Brand	FBT
Speaker Maximum Output Power	900 Watts
Connectivity Technology	Coaxial
Audio Output Mode	Stereo, Mono
Mounting Type	Tabletop Mount

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your product or visit the official FBT website. Keep your proof of purchase for warranty claims.

Contact Information: Please visit the FBT official website for the most up-to-date contact details for customer service and technical support in your region.

