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› SoundTube FP6020-II 20" Stereo Dual-Parabolic SoundDome Speaker Instruction Manual

Soundtube FP6020-II

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INSTRUCTION MANUAL

Introduction

Thank you for choosing the SoundTube FP6020-II Stereo Dual-Parabolic SoundDome Speaker. This manual provides essential information for the proper installation, operation, and maintenance of your speaker. Please read this manual thoroughly before use to ensure optimal performance and safety.

The SoundTube FP6020-II features twin 1-inch high-excursion drivers within a 20-inch dual-parabolic dome, designed to deliver focused stereo audio. It supports 8-ohm stereo or 4/16-ohm mono configurations and includes a selectable high-pass filter.

Package Contents

Verify that all items are present in the package:

- SoundTube FP6020-II SoundDome Speaker
- Mounting Hardware
- 15-foot Hardwire Lead

Important Safety Information

- Read these instructions carefully before installation and use.
- Keep these instructions for future reference.
- Heed all warnings on the product and in the operating instructions.
- 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.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way.

Setup and Installation

The SoundTube FP6020-II is designed for wall mount installation. Ensure the mounting surface is structurally sound to support the speaker's weight (approximately 12.25 lbs / 5.57 kg).

1. **Unpacking:** Carefully remove the speaker and all components from the packaging. Inspect for any damage.
2. **Mounting Location:** Select a suitable location for mounting. Consider the desired audio coverage area and ensure adequate clearance for the 20-inch dome.
3. **Mounting Hardware:** Use the provided mounting hardware to securely attach the speaker to the chosen surface. Follow the specific instructions included with the mounting kit for your installation type.
4. **Wiring:** Connect the 15-foot hardwire lead to your audio amplifier. The speaker supports 8-ohm stereo or 4/16-ohm mono configurations. Consult your amplifier's manual for proper wiring procedures. Ensure correct polarity.
5. **High-Pass Filter:** The speaker includes a selectable high-pass filter. Adjust this setting based on your audio system requirements and desired frequency response. Refer to the detailed wiring diagram (if provided in a separate sheet) for filter selection.



Image: SoundTube FP6020-II Dual-Parabolic SoundDome Speaker. This image shows the clear parabolic dome with the central speaker unit suspended within it, ready for installation.

Operation

Once properly installed and connected, operating the SoundTube FP6020-II is straightforward:

1. **Power On:** Ensure your audio amplifier is powered on and connected to an audio source (e.g., smartphone, tablet, MP3 player, desktop, television, projector, laptop).
2. **Volume Control:** Adjust the volume level using your amplifier or audio source. Start with a low volume and

gradually increase it to a comfortable listening level.

3. **Audio Source:** Play audio from your chosen device. The speaker will project sound within its focused parabolic field.
4. **Control Method:** The speaker itself does not have direct controls; all audio adjustments are made via the connected audio source or amplifier.

Maintenance and Care

To ensure the longevity and optimal performance of your SoundTube FP6020-II speaker, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to gently wipe the parabolic dome and speaker unit. Avoid abrasive cleaners, solvents, or excessive moisture, as these can damage the surfaces.
- **Inspection:** Periodically check the mounting hardware and wiring connections to ensure they remain secure.
- **Environment:** Avoid exposing the speaker to extreme temperatures, high humidity, or direct sunlight for prolonged periods. The speaker is not waterproof.

Troubleshooting

Problem	Possible Cause	Solution
No sound from speaker	Amplifier not powered on. Incorrect wiring connections. Audio source not playing or muted. Volume too low.	Ensure amplifier is powered on. Check all wiring connections for proper polarity and secure fit. Verify audio source is active and not muted. Increase volume on amplifier and audio source.
Distorted or poor sound quality	Volume too high, causing clipping. Incorrect impedance setting. Loose wiring connection. Damaged audio source or amplifier.	Reduce volume to an appropriate level. Verify the speaker is connected to the correct impedance output on your amplifier (8-ohm stereo or 4/16-ohm mono). Check and secure all wiring connections. Test with a different audio source or amplifier if possible.
Speaker not securely mounted	Mounting hardware loose or improperly installed.	Re-tighten all mounting hardware. Ensure installation followed the provided instructions and the surface is adequate.

Specifications

Model Name	SoundTube FP6020 II
Speaker Type	Stereo
Drivers	Twin 1-inch high-excursion full-range drivers
Dome Diameter	20 inches (514 mm) Dual-Parabolic

Impedance	8 Ohm (Stereo) / 4 or 16 Ohm (Mono)
Power Output	15 Watts RMS (Speaker Maximum Output Power)
Connectivity Technology	Auxiliary, RCA (Wired)
Included Components	Mounting hardware, 15-foot hardwire lead
Product Dimensions	18.2"D x 22.5"W x 18.2"H
Item Weight	12.25 pounds (5.57 Kilograms)
Mounting Type	Wall Mount
High-Pass Filter	Selectable
Waterproof	No
UPC	752830452381

Warranty Information

The SoundTube FP6020-II speaker comes with a Limited Warranty. Please refer to the warranty card included with your product or visit the official SoundTube website for detailed terms and conditions regarding coverage, duration, and claims procedures.

Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact SoundTube customer support. Visit the official SoundTube website for contact details, FAQs, and additional resources.

Manufacturer: SoundTube

Model Number: FP6020-II

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This manual is for informational purposes only. Specifications are subject to change without notice.