

Seismic Audio SA-155T

Seismic Audio SA-155T Passive Dual 15 Inch PA/DJ Speakers

INSTRUCTION MANUAL

1. Introduction and Overview

Thank you for choosing Seismic Audio SA-155T Passive Dual 15 Inch PA/DJ Speakers. These speakers are designed to deliver clear and powerful sound for various professional audio applications. This manual provides essential information for the safe and effective setup, operation, and maintenance of your new speakers.

The SA-155T speakers are equipped with dual 15-inch woofers, a 50 oz. magnet, a 2-inch voice coil, and a 1.5-inch titanium driver, all housed in a durable 5/8-inch plywood cabinet with black carpet finish, metal corners, and recessed handles for portability.

2. Safety Information

- **Electrical Safety:** These are passive speakers and require an external amplifier. Ensure your amplifier is properly grounded and rated to match the speaker's impedance (4 Ohms) and power handling (1400 Watts RMS). Do not exceed the recommended power input.
- **Placement:** Position speakers on a stable, level surface. Avoid placing them in direct sunlight, near heat sources, or in excessively humid or dusty environments. Ensure adequate ventilation around the speakers.
- **Hearing Protection:** Prolonged exposure to high volume levels can cause permanent hearing damage. Use appropriate hearing protection when operating speakers at high volumes.
- **Handling:** Use the recessed handles for lifting and moving the speakers. Due to their weight (approximately 73 lbs per cabinet), it is recommended to use two people for safe transport.
- **Proposition 65 Warning:** This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

3. Package Contents

Your Seismic Audio SA-155T speaker package includes:

- Two (2) SA-155T Passive Dual 15 Inch Speaker Cabinets

Please inspect the contents immediately upon receipt to ensure all items are present and undamaged. Contact your vendor if any items are missing or damaged.

4. Setup

Proper setup is crucial for optimal performance and safety.

4.1 Physical Placement

These speakers are designed for floor standing use. Ensure they are placed on a stable, flat surface to prevent tipping. Consider the acoustics of your environment for best sound dispersion.



Side view of a Seismic Audio SA-155T speaker with dimensions: 16 inches width, 18 inches depth, 45 inches height, and a weight of 73 lbs per cabinet.

4.2 Connecting to an Amplifier

The SA-155T speakers are passive and require an external power amplifier. Each speaker features two 1/4-inch inputs and two Speakon inputs for versatile connectivity.

- ☑ **TWO 1/4" INPUTS AS WELL AS TWO SPEAKON INPUTS**
- ☑ **PRECISION CUT, HIGH END BLACK CARPET**
- ☑ **RECESSED HANDLES**
- ☑ **BLACK METAL CORNERS**
- ☑ **CAN BE DAISY CHAINED WITH OTHER SPEAKERS.**



Close-up view of the rear input panel of the Seismic Audio SA-155T speaker, showing 1/4 inch and Speakon inputs.

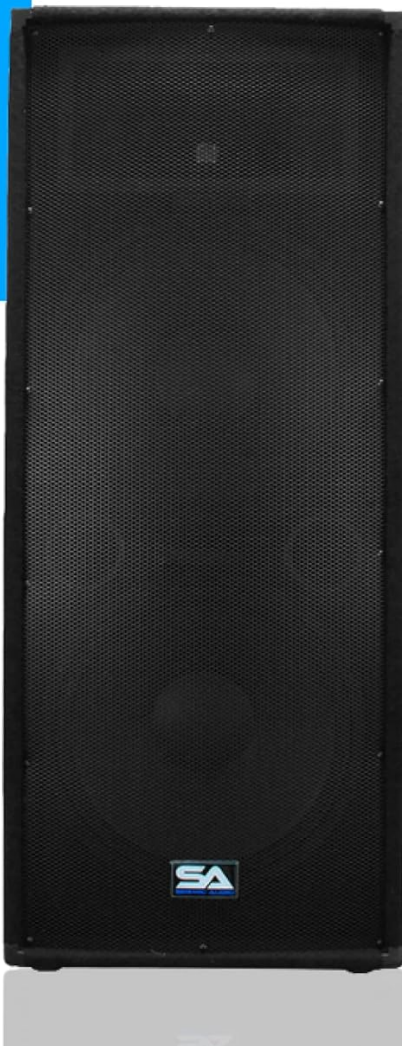
1. **Power Off:** Ensure your amplifier and all audio sources are turned off before making any connections.
2. **Cable Selection:** Use high-quality speaker cables with either 1/4-inch TS connectors or Speakon connectors. Ensure the cable gauge is appropriate for the length and power requirements.
3. **Connect to Amplifier:** Connect one end of the speaker cable to an output on your amplifier.
4. **Connect to Speaker:** Connect the other end of the speaker cable to either a 1/4-inch input or a Speakon input on the SA-155T speaker.
5. **Daisy-Chaining:** The dual inputs allow for daisy-chaining multiple speakers. Connect a cable from the output of the first speaker to an input on the second speaker. Ensure your amplifier can handle the combined impedance load.
6. **Impedance Matching:** The SA-155T speakers have an impedance of 4 Ohms. Verify that your amplifier is stable and capable of driving a 4 Ohm load, especially when daisy-chaining.

5. Operating Instructions

Once connected, follow these steps to operate your speakers:

1. **Initial Power-Up:** With all connections secure, turn on your audio source (mixer, instrument, etc.), then your amplifier. Start with the amplifier's volume at its lowest setting.
2. **Volume Adjustment:** Gradually increase the amplifier's volume to the desired listening level. Avoid pushing the amplifier into clipping (distortion), as this can damage the speakers.
3. **Sound Monitoring:** Listen for any signs of distortion or unusual noises. If detected, reduce the volume immediately and check your connections and amplifier settings.
4. **Recommended Uses:** These speakers are suitable for a wide range of applications including DJ gigs, PA systems, keyboards, vocals, studio monitoring, weddings, churches, and full band setups.

THE PAIR OF DUAL 15" PA/DJ SPEAKERS EXCELLENT AUDIO QUALITY MAKES IT PERFECT FOR:



BAND GIGS



CHURCH



WEDDINGS



BARS



KARAOKE

Collage showing various applications for the Seismic Audio SA-155T speakers.

6. Maintenance

Regular maintenance helps ensure the longevity and performance of your speakers.

- **Cleaning:** Use a soft, dry cloth to wipe down the speaker cabinets. For the carpeted surfaces, a vacuum cleaner with a brush attachment can remove dust and debris. Avoid using liquid cleaners directly on the speakers.

- **Inspection:** Periodically check speaker cables for wear and tear. Ensure all connections are secure. Inspect the metal grille, corners, and rubber feet for any damage.
- **Storage:** When not in use, store speakers in a cool, dry place, away from extreme temperatures and humidity.

7. Troubleshooting

If you encounter issues with your SA-155T speakers, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
No sound from speaker	Loose or incorrect cable connection; Amplifier off or muted; Faulty speaker cable; Amplifier not powered on.	Check all speaker cable connections at both the speaker and amplifier. Ensure amplifier is powered on and not muted. Test with a different speaker cable.
Distorted sound	Amplifier clipping; Incorrect impedance match; Damaged speaker component; Input signal too high.	Reduce amplifier volume. Ensure amplifier impedance matches speaker (4 Ohms). Check input signal level from source. If distortion persists, consult a qualified technician.
Intermittent sound	Loose connection; Damaged cable; Overheating amplifier.	Secure all connections. Replace suspect cables. Ensure amplifier has adequate ventilation.

If these steps do not resolve the issue, please contact Seismic Audio customer support.

8. Specifications

Model Name	SA-155T
Speaker Type	Passive PA/DJ Woofer Cabinet
Material	Wood (5/8" Plywood)
Color	Black
Number of Items	2 (Pair)
Speaker Size	Dual 15 Inches
Woofer Diameter	15 Inches (each)
Tweeter Diameter	1.4 Inches (Titanium Driver)
Voice Coil	2-inch Kapton
Magnet Weight	50 oz.
Speaker Maximum Output Power	1400 Watts RMS
Impedance	4 Ohms
Connectivity Technology	1/4", Speakon

Product Dimensions (per cabinet)	16" (W) x 18" (D) x 45" (H)
Item Weight (per cabinet)	Approximately 73 lbs
Mounting Type	Floor Standing
Special Features	Durable construction, Recessed Handles, Full Metal Grille, Metal Corners
Is Waterproof	FALSE

9. Warranty and Support

9.1 Warranty Information

The Seismic Audio SA-155T speakers come with a **1-year warranty** from the date of purchase. This warranty covers manufacturing defects and workmanship under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or improper power matching.

Please retain your proof of purchase for warranty claims.

9.2 Customer Support

For technical assistance, warranty inquiries, or replacement parts, please contact Seismic Audio customer support. Refer to the contact information provided with your purchase or visit the official Seismic Audio website.

You can also visit the [Seismic Audio Store on Amazon](#) for more information and products.