

Peavey PRO 1200

Peavey Sheffield PRO 1200+ Low Frequency Driver User Manual

Model: PRO 1200

PRODUCT OVERVIEW

The Peavey Sheffield PRO 1200+ is a high-performance 12-inch low frequency driver designed for professional audio applications. It features robust construction and specifications optimized for clear, powerful bass reproduction.



Image: Front view of the Peavey Sheffield PRO 1200+ 12-inch low frequency driver, showcasing its cone and frame.

Key features include:

- 12-inch diameter for powerful low-frequency output.
- 8 Ohm impedance for compatibility with various audio systems.
- High power handling capacity for demanding applications.
- Durable construction with an impregnated cellulose cone and Kapton former voice coil.

SPECIFICATIONS

Parameter	Value
Speaker Type	Coaxial
Subwoofer Diameter	12 Inches
Impedance	8 Ohm
Power Capacity (Peak)	1000 W
Power Capacity (Program)	500 W
Power Capacity (Continuous)	250 W

Sensitivity (1W/1m)	96.3 dB
Usable Frequency Range	50 Hz ~ 4 kHz
Cone Material	Impregnated cellulose
Voice Coil Diameter	2.5" / 63.5 mm
Voice Coil Material	Thermally bonded copper wire, Kapton former, Nomex stiffener
Net Weight	11 lbs. / 5.0 kg
Product Dimensions (D x W x H)	14.33"D x 7.56"W x 14.88"H

Note: All specifications are subject to change without notice.

SETUP AND INSTALLATION

Proper installation is crucial for optimal performance and longevity of your Peavey Sheffield PRO 1200+ driver. Always ensure power is disconnected from the amplifier or sound system before beginning installation.

- Enclosure Compatibility:** This driver is designed for use in appropriate speaker enclosures. Refer to the Thiele-Small parameters provided in the specifications section to design or select an enclosure that matches the driver's characteristics for optimal acoustic performance.
- Mounting:** Securely mount the driver into the speaker baffle using appropriate screws and a gasket to ensure an airtight seal. Avoid overtightening, which can warp the frame.
- Wiring:** Connect the positive (+) terminal of the driver to the positive output of your amplifier or crossover, and the negative (-) terminal to the negative output. Ensure correct polarity to prevent phase cancellation issues. Use speaker wire of adequate gauge for the power levels and cable length.
- System Integration:** If integrating into an existing multi-way system, ensure proper crossover points are set to direct only low frequencies to this driver. This protects the driver and optimizes overall system sound quality.



Image: Rear view of the Peavey Sheffield PRO 1200+ driver, showing the magnet structure and terminals.

OPERATING GUIDELINES

To ensure the longevity and optimal performance of your Peavey Sheffield PRO 1200+ driver, adhere to the following operating guidelines:

- Power Handling:** Do not exceed the rated power handling capabilities (250W Continuous, 500W Program, 1000W Peak). Overpowering can lead to voice coil damage.
- Clipping:** Avoid amplifier clipping (distortion). Clipping generates excessive high-frequency energy that can quickly damage the voice coil, even at lower average power levels.
- Crossover Settings:** Use appropriate low-pass filter settings to prevent high frequencies from reaching the low frequency driver. This protects the driver and improves sound clarity.
- Environmental Conditions:** Operate the driver in a stable environment, avoiding extreme temperatures, high humidity, or direct exposure to moisture.

MAINTENANCE

The Peavey Sheffield PRO 1200+ driver requires minimal maintenance. Regular inspection can help identify potential issues before they become severe.

- **Cleaning:** Gently wipe the cone and frame with a soft, dry cloth to remove dust. Do not use liquid cleaners or solvents, as they may damage the cone material.
- **Inspection:** Periodically check the driver for any signs of physical damage, such as tears in the cone or surround, or loose connections at the terminals.
- **Storage:** If storing the driver for an extended period, keep it in a dry, temperature-controlled environment, ideally in its original packaging or a protective container.

TROUBLESHOOTING

This section provides solutions to common issues you might encounter with your Peavey Sheffield PRO 1200+ driver.

Problem	Possible Cause	Solution
No Sound Output	Disconnected wiring; Faulty amplifier/crossover; Damaged voice coil.	Check all wiring connections for secure contact and correct polarity. Test the amplifier and crossover with another known-good speaker. If the voice coil is damaged (e.g., open circuit), the driver may need replacement or professional repair.
Distorted Sound	Amplifier clipping; Overpowering; Incorrect crossover settings; Mechanical damage to cone/voice coil.	Reduce amplifier gain to prevent clipping. Ensure power levels are within the driver's rated capacity. Verify crossover settings are appropriate for a low frequency driver. Inspect the cone and voice coil for physical damage.
Low Output/Weak Bass	Incorrect polarity; Improper enclosure; Insufficient amplifier power.	Double-check wiring polarity. Ensure the driver is installed in an appropriately sized and tuned enclosure. Verify the amplifier provides sufficient power for the driver.

WARRANTY INFORMATION

The Peavey Sheffield PRO 1200+ Low Frequency Driver comes with a**Limited Warranty**. Please retain your proof of purchase for warranty claims.

For detailed warranty terms and conditions, including coverage period and exclusions, please refer to the official Peavey website or contact Peavey customer support directly. This warranty typically covers manufacturing defects but does not cover damage resulting from misuse, abuse, improper installation, or unauthorized modifications.

Contact Peavey Support:

Website: www.peavey.com

Support Page: peavey.com/support

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question