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Peavey PV 15M

Peavey PV 15M 2-Way Floor Monitor 15 Inch User Manual

1. INTRODUCTION

The Peavey PV 15M is a robust 2-way floor monitor designed for clear and powerful audio reproduction. It features a 15-inch Sheffield Pro 1500+ woofer and a 14T 1.4-inch titanium-diaphragm compression driver, providing a frequency response from 68 Hz to 17 kHz. This monitor is rated for 500 watts program power handling and 1,000 watts peak power, making it suitable for various live sound applications. Its trapezoidal enclosure allows for flexible positioning at 30 or 45 degrees from the floor, and it can also be pole-mounted.

2. SAFETY INFORMATION

- **Read Instructions:** Carefully read and understand all safety and operating instructions before using the product.
- **Retain Instructions:** Keep these instructions for future reference.
- **Heed Warnings:** Observe all warnings on the product and in the operating instructions.
- **Follow Instructions:** Adhere to all operating and usage instructions.
- **Power Sources:** Connect the product only to the type of power supply described in the operating instructions or marked on the product.
- **Cables:** Protect power cords from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the product.
- **Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.
- **Ventilation:** Ensure proper ventilation. Do not block any ventilation openings.
- **Water and Moisture:** Do not use this product near water or expose it to dripping or splashing.
- **Cleaning:** Clean only with a dry cloth.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Peavey PV 15M 2-Way Floor Monitor (1 unit)

4. PRODUCT OVERVIEW

The Peavey PV 15M is a versatile floor monitor designed for clear audio projection on stage or in other performance environments. Its robust construction ensures durability, while its acoustic design delivers balanced sound.



This image displays the Peavey PV 15M 2-Way Floor Monitor from an angled perspective. The front features a black metal grille with the white 'Peavey' logo prominently displayed. The side panel, visible on the right, includes input jacks and a pole-mount socket, indicating its versatility for various setups.

5. SETUP

5.1 Placement

The PV 15M monitor offers flexible placement options:

- **Floor Monitor:** The trapezoidal enclosure allows the monitor to be angled at either 30 or 45 degrees from the floor, directing sound towards the performer.
- **Pole Mounting:** The monitor is equipped with a pole-mount socket for use on a speaker stand, providing elevated sound projection. Ensure the stand is stable and rated for the monitor's weight (approximately 45 lbs).

5.2 Connections

Connect the monitor to your audio system using the 1/4-inch input jacks:

1. Ensure all audio equipment (mixer, amplifier) is powered off before making connections.
2. Connect an audio cable (e.g., from a power amplifier) to one of the 1/4-inch full-range parallel inputs on the PV 15M monitor.
3. If daisy-chaining multiple monitors, connect a second audio cable from the other 1/4-inch input on the first PV 15M to the input of the next monitor.
4. Once connections are secure, power on your audio amplifier first, then your mixer, and finally the monitor (if it has its own power switch, which this passive monitor does not).

6. OPERATING

The Peavey PV 15M is a passive floor monitor, meaning it requires an external power amplifier to operate. Follow these general operating guidelines:

- **Power Amplifier:** Connect the PV 15M to a suitable power amplifier that matches its power handling capabilities (500W program, 1000W peak at 8 ohms). Ensure the amplifier's output impedance matches the monitor's impedance.
- **Volume Control:** Adjust the volume levels from your mixer and power amplifier. Start with low volume and gradually increase to the desired listening level.
- **Sound Guard IV:** The monitor is equipped with Sound Guard IV high-frequency driver protection to prevent damage from excessive power. While this offers protection, avoid consistently driving the monitor into clipping or distortion.
- **Monitoring:** Position the monitor to provide optimal sound coverage for the performers without causing feedback.

7. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Peavey PV 15M monitor.

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the monitor. Do not use abrasive cleaners, solvents, or waxes.
- **Grille Care:** The metal grille protects the speakers. If dust accumulates, gently vacuum it with a soft brush attachment.
- **Storage:** When not in use, store the monitor in a dry, temperate environment, away from direct sunlight and extreme temperatures. Consider using a protective cover to prevent dust accumulation and physical damage.
- **Inspection:** Periodically inspect cables and connectors for any signs of wear or damage. Replace damaged cables immediately.

8. TROUBLESHOOTING

If you encounter issues with your Peavey PV 15M monitor, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No sound output	Incorrect cabling; Amplifier off or faulty; Mixer output low; Damaged speaker cable.	Check all cable connections. Ensure amplifier is on and functioning. Increase mixer output. Test with a different speaker cable.
Distorted sound	Overdriving amplifier; Input signal too high; Faulty cable or component.	Reduce amplifier volume. Lower input signal from mixer. Check cables for damage.
Intermittent sound	Loose cable connection; Damaged cable; Faulty input jack.	Secure all connections. Replace suspect cables. If problem persists, contact service.
No high frequencies	Tweeter protection engaged (Sound Guard IV); Damaged compression driver.	Reduce input level to prevent protection circuit activation. If problem persists, professional service may be required.

9. SPECIFICATIONS

Feature	Specification
Model Name	PV 15M
Speaker Type	2-Way Floor Monitor
Woofers	15-inch Sheffield Pro 1500+ with 2.5-inch voice coil
Tweeter	14T 1.4-inch titanium-diaphragm compression driver
Frequency Response	68 Hz to 17 kHz
Program Power Handling	500 Watts
Peak Power Handling	1000 Watts
Impedance	8 Ohms (nominal)
Connectivity Technology	1/4 inch Jack (parallel inputs)
Enclosure Type	Trapezoidal
Mounting Options	Floor (30/45 degree angles), Pole Mount
Product Dimensions (D x W x H)	14.25" x 7.63" x 26.37"
Item Weight	45 Pounds
Material	Stainless Steel (grille components), Wood (enclosure)
Protection	Sound Guard IV high-frequency driver protection
Model Number	570670
UPC	014367122336

10. WARRANTY INFORMATION

The Peavey PV 15M 2-Way Floor Monitor comes with a limited warranty. For specific details regarding warranty coverage, duration, and terms, please refer to the warranty card included with your product or visit the official Peavey website. Retain your proof of purchase for any warranty claims.

11. CUSTOMER SUPPORT

For technical assistance, service inquiries, or further information regarding your Peavey PV 15M 2-Way Floor Monitor, please contact Peavey customer support. Contact details can typically be found on the official Peavey website or in the documentation accompanying your product.