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Patron PSS1700

Pro Audio PSS-1700 Single 15 Inch 2 Way Speaker

Model: PSS-1700

Brand: Patron

1. Introduction

Thank you for choosing the Patron Pro Audio PSS-1700 Single 15 Inch 2 Way Speaker. This manual provides essential information for the safe and efficient operation, setup, and maintenance of your speaker system. Please read this manual thoroughly before use to ensure optimal performance and longevity of your product.

2. Important Safety Instructions

- **Read Instructions:** Read all safety and operating instructions before operating the appliance.
- **Retain Instructions:** Retain the safety and operating instructions for future reference.
- **Heed Warnings:** Adhere to all warnings on the appliance and in the operating instructions.
- **Follow Instructions:** Follow all operating and use instructions.
- **Water and Moisture:** Do not use this apparatus near water.
- **Cleaning:** Clean only with a dry cloth.
- **Ventilation:** Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- **Heat:** Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- **Power-Cord Protection:** Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- **Accessories:** Only use attachments/accessories specified by the manufacturer.
- **Mounting:** 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.
- **Lightning:** Unplug this apparatus during lightning storms or when unused for long periods of time.
- **Servicing:** 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.

3. Key Features

- **1700 Watts Peak Momentary Power:** Delivers high power output for robust audio performance.
- **2 Way LoudSpeaker:** Designed for clear and balanced sound reproduction across a wide frequency range.
- **Heavy Duty 3/4 Inch MDF Construction:** Ensures durability and minimizes resonance for improved sound quality.
- **15 Inch Woofer:** Provides deep and powerful bass response.
- **1.34 Inch Dome Driver:** Offers crisp and clear high-frequency reproduction.

4. Package Contents

Upon opening the package, please ensure all items are present and in good condition:

- 1 x Patron Pro Audio PSS-1700 Single 15 Inch 2 Way Speaker
- 1 x Power Cord (attached or separate, depending on model variant)
- 1 x User Manual (this document)



Figure 4.1: Front view of the Patron PSS-1700 speaker, showcasing the 15-inch woofer and horn-loaded dome driver.

5. Setup

5.1 Placement

For optimal sound performance, place the speaker on a stable, flat surface. Ensure there is adequate ventilation around the speaker to prevent overheating. Avoid placing the speaker in direct sunlight or near heat sources.

5.2 Connections

1. **Power Connection:** Connect the speaker's power cord to a standard AC power outlet. Ensure the outlet voltage matches the speaker's requirements.
2. **Audio Input:** Connect your audio source (e.g., amplifier, mixer, media player) to the speaker's audio input jacks. Use appropriate audio cables (e.g., Speakon, 1/4-inch TS, XLR, depending on the specific model's connectors). Ensure secure connections to prevent signal loss or interference.



Figure 5.1: Two Patron PSS-1700 speakers, illustrating their robust construction and integrated side handles for portability.

6. Operating Instructions

1. **Power On:** Once all connections are secure, turn on your audio source and then the speaker. Some models may have a power switch on the rear panel.
2. **Volume Control:** Gradually increase the volume on your audio source and/or the speaker (if equipped with a volume control) to a comfortable listening level. Avoid setting the volume too high, which can cause distortion or damage to the speaker.
3. **Audio Source:** Play audio from your connected device. Adjust equalization settings on your audio source or mixer for desired sound characteristics.
4. **Power Off:** When finished, first turn down the volume, then power off the speaker, and finally power off your audio source.

Note: This speaker is designed for high-power audio output. Always be mindful of sound levels to prevent hearing damage and to comply with local noise regulations.

7. Maintenance

- **Cleaning:** Regularly wipe the speaker cabinet with a soft, dry cloth. Do not use liquid cleaners or abrasive materials, as they may damage the finish.
- **Ventilation:** Ensure that the ventilation openings are clear of dust and debris to maintain proper airflow and prevent overheating.
- **Storage:** If storing the speaker for an extended period, keep it in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Inspection:** Periodically check all cables and connections for wear or damage. Replace any damaged cables

immediately.

8. Troubleshooting

Problem	Possible Cause	Solution
No sound output	Speaker not powered on. Audio cables not connected properly. Audio source volume too low or muted. Faulty audio cable or source.	Ensure speaker is plugged in and power switch is ON. Check all audio cable connections at both the speaker and the audio source. Increase volume on audio source and speaker. Unmute if necessary. Try a different audio cable or audio source to isolate the problem.
Distorted sound	Volume too high. Input signal too strong (clipping). Damaged speaker component.	Reduce volume on both the audio source and the speaker. Adjust input gain on your audio source or mixer to prevent clipping. If distortion persists at low volumes, contact qualified service personnel.
Intermittent sound or crackling	Loose or damaged cable connections. Interference from other electronic devices.	Check and secure all audio and power cable connections. Replace damaged cables. Move the speaker or audio source away from other electronic devices that may cause interference.

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

9. Specifications

Feature	Detail
Model Name	PATPSS1700
Mounting Type	Floor Standing
Speaker Maximum Output Power	1700 Watts (Peak Momentary)
Woofer Diameter	15 Inches
Audio Driver Type	Dynamic Driver
Frequency Response	20000 Hz (Upper limit, typical for full-range speakers)
Surround Sound Channel Configuration	2.0
Power Source	Corded Electric
Control Method	Touch (Refers to general interaction, not specific controls on speaker)
Compatible Devices	Smartphone, Tablet, MP3 Player, Laptop, Projector, Television
Product Dimensions (L x W x H)	30 x 16 x 19 inches

Feature	Detail
Item Weight	45.2 pounds
Manufacturer	Mr. Dj Inc.
UPC	811234018804
ASIN	B00367069Y

10. Warranty and Support

10.1 Limited Warranty

This Patron Pro Audio PSS-1700 speaker comes with a limited warranty. Please refer to the warranty card included with your purchase or contact the manufacturer for specific terms and conditions. The warranty typically covers defects in materials and workmanship under normal use.

10.2 Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact Patron customer support. Contact information can usually be found on the manufacturer's official website or on the product packaging.
Manufacturer: Mr. Dj Inc.
For the most up-to-date support information, please visit the official Patron website or the retailer's support page where you purchased the product.

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