

multicomp PRO B0CFYT6HGV

multicomp PRO 12-inch Two-Way PA/DJ Speaker Instruction Manual

Model: B0CFYT6HGV

1. INTRODUCTION

Thank you for purchasing the multicomp PRO 12-inch Two-Way PA/DJ Speaker. This manual provides essential information for the safe and efficient operation of your speaker. Please read it thoroughly before use and retain it for future reference.

This passive speaker is designed for professional audio applications, offering robust sound output and durable construction suitable for various venues.

2. SAFETY INSTRUCTIONS

- **Power Source:** Ensure the speaker is connected to a power amplifier that matches its impedance (8 Ohms) and power handling capabilities (240W max).
- **Ventilation:** Do not block ventilation openings. Ensure adequate airflow around the speaker to prevent overheating.
- **Placement:** Place the speaker on a stable, level surface or use a compatible pole mount. Avoid placing it near heat sources, water, or in direct sunlight.
- **Cables:** Use appropriate speaker cables for connection. Ensure all connections are secure before operating.
- **Hearing Protection:** Prolonged exposure to high volume levels can cause permanent hearing damage. Use appropriate hearing protection when operating at high volumes.
- **Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.

3. PACKAGE CONTENTS

- multicomp PRO 12-inch Two-Way PA/DJ Speaker
- Speaker Cables
- Instruction Manual

4. PRODUCT FEATURES

- **Power Handling:** 240W maximum output power at 8 Ohms.
- **Drivers:** Equipped with a 12-inch woofer and piezoelectric horn tweeters for a full-range sound experience.
- **Frequency Response:** Wide frequency range from 25Hz to 20KHz.
- **Construction:** Heavy-duty MDF cabinet with aviation-grade black carpet finish for durability.
- **Protection:** Features metal grilles and steel corner protectors to safeguard components.
- **Portability:** Recessed handles for easy transport and a 1-3/8" diameter pole mount for versatile placement.
- **Connectivity:** SpeakON and 1/4-inch parallel input/output connections.



Figure 1: Speaker models and specifications overview.

5. SETUP

5.1 Unpacking and Inspection

Carefully remove the speaker from its packaging. Inspect the unit for any signs of damage during transit. If damage is found, contact your dealer immediately.

5.2 Placement Options

The multicomp PRO speaker offers flexible placement:

- **Floor Mount:** Place the speaker directly on the floor using its integrated rubber isolating feet to dampen vibrations.
- **Pole Mount:** Utilize the 1-3/8" (35mm) diameter pole mount socket on the bottom of the speaker to elevate it on a compatible speaker stand.



Figure 2: Front view of the speaker, showing the metal grille and recessed handles.

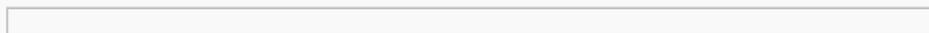


Figure 3: Speaker dimensions for proper placement and setup.

5.3 Connecting to an Amplifier

This is a passive speaker and requires an external power amplifier. Ensure your amplifier is capable of driving an 8 Ohm load and provides sufficient power (up to 240W) without clipping.

1. Connect one end of a speaker cable (included) to either the SpeakON or 1/4-inch input on the rear of the speaker.
2. Connect the other end of the speaker cable to the corresponding output on your power amplifier.
3. For daisy-chaining multiple speakers, use the 1/4-inch parallel output to connect to the input of another passive speaker. Ensure the total impedance load on your amplifier channel is within its safe operating limits (e.g., two 8 Ohm speakers in parallel result in a 4 Ohm load).



Figure 4: Rear panel with SpeakON and 1/4-inch input/output connections.

5.4 Setup Video Guides

Video 1: Overview of the Rockville RSG12 speaker, demonstrating features and sound. (Note: This video features a

similar 12-inch passive PA speaker from a different brand, Rockville, but provides relevant setup and feature information.)

Video 2: Guide on how to set up Rockville RSG speakers, including connections and placement. (Note: This video features similar passive PA speakers from a different brand, Rockville, but provides relevant setup and connection instructions.)

Video 3: Product overview of the Harmony Audio HA-V12P Pro DJ 12" PA Speaker, showcasing its design and features. (Note: This video features a similar 12-inch passive PA speaker from a different brand, Harmony Audio, but provides relevant product insights.)

6. OPERATING INSTRUCTIONS

1. Ensure all connections between the speaker and the amplifier are secure.
2. Turn on your power amplifier.
3. Start with the amplifier's volume at its lowest setting.
4. Begin playing audio through your connected source (e.g., mixer, media player).
5. Gradually increase the amplifier's volume to the desired listening level. Monitor for any distortion or clipping from the amplifier, and reduce volume if necessary.
6. Adjust the tone controls on your amplifier or mixer to achieve the desired sound quality.

7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the speaker. Do not use liquid cleaners or solvents.
- **Storage:** When not in use for extended periods, store the speaker in a dry, cool environment, away from direct sunlight and extreme temperatures.
- **Inspection:** Periodically check all cables and connections for wear or damage. Replace any damaged components immediately.
- **Grille:** Ensure the metal grille is free from dents or obstructions that could affect sound quality or damage the drivers.

8. TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|--------------------|--|---|
| No sound output | Loose cable connections; Amplifier off or muted; Incorrect input selection on amplifier. | Check all speaker cable connections; Ensure amplifier is powered on and not muted; Verify correct input is selected on the amplifier. |
| Distorted sound | Amplifier volume too high (clipping); Speaker overloaded; Damaged speaker driver. | Reduce amplifier volume; Ensure amplifier power matches speaker rating; If distortion persists, contact service personnel. |
| Weak or low volume | Low input signal; Incorrect impedance matching. | Increase source volume; Ensure amplifier output impedance matches speaker impedance (8 Ohms). |

9. SPECIFICATIONS

| Feature | Specification |
|-------------------------|---|
| Speaker Type | Two-Way Passive PA/DJ Speaker |
| Woofer Diameter | 12 Inches |
| Audio Driver Type | Piezoelectric Driver |
| Power Handling (Max) | 240 Watts |
| Impedance | 8 Ohms |
| Frequency Response | 25Hz-20KHz |
| Mounting Type | Floor Mount, Pole Mount (1-3/8" diameter) |
| Enclosure Material | Heavy-Duty MDF cabinets |
| Connectivity Technology | Wired (SpeakON, 1/4" In/Out Parallel) |
| Product Dimensions | 18"D x 23"W x 25.5"H |
| Color | Black |
| Included Components | Cables |

10. WARRANTY AND SUPPORT

This multicomp PRO speaker comes with a Limited Warranty. Please refer to the warranty card included in your package for specific terms and conditions. For technical support, troubleshooting assistance, or warranty claims, please contact multicomp PRO customer service through your retailer or visit the official multicomp PRO website.