

Wheelock WHST-H15

Wheelock WHST-H15 Paging Horn Instruction Manual

Model: WHST-H15

1. INTRODUCTION

This instruction manual provides essential information for the proper installation, operation, and maintenance of the Wheelock WHST-H15 Paging Horn. Please read this manual thoroughly before attempting to install or operate the device to ensure safe and efficient performance. Retain this manual for future reference.

2. SAFETY INFORMATION

WARNING:

- Installation and wiring must be performed by qualified personnel in accordance with all local and national electrical codes.
- Disconnect power before installing or servicing the device to prevent electric shock.
- Ensure the mounting surface can adequately support the weight of the paging horn.
- Do not expose the device to excessive moisture or extreme temperatures beyond its specified operating range.
- Use only specified voltage inputs (25V, 70V, 100V) to avoid damage to the unit.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged upon unpacking:

- Wheelock WHST-H15 Paging Horn (1 unit)
- Adjustable Mounting Bracket (pre-attached or separate)
- Installation Hardware (screws, washers, nuts - quantity may vary)
- This Instruction Manual

4. SETUP AND INSTALLATION

The Wheelock WHST-H15 Paging Horn is designed for versatile installation with its adjustable, weatherproof mounting. It supports 25V, 70V, and 100V audio systems.



Figure 1: Wheelock WHST-H15 Paging Horn. This image displays the Wheelock WHST-H15 Paging Horn, featuring its conical speaker and an adjustable mounting bracket at the base. The horn is designed for clear audio projection in various environments.

4.1 Mounting the Paging Horn

1. **Select Location:** Choose a suitable mounting location that provides optimal sound coverage and is structurally sound. Consider the weatherproof design for outdoor applications.
2. **Secure Bracket:** If the mounting bracket is separate, attach it securely to the chosen surface using appropriate hardware. Ensure it is level and stable.
3. **Attach Horn:** Mount the paging horn to the bracket. Use the adjustable mechanism to orient the horn for desired sound direction. Tighten all fasteners to prevent movement.

4.2 Wiring Connections

The WHST-H15 supports 25V, 70V, and 100V constant voltage audio systems. It also features a 15W power rating.

1. **Power Selection:** Locate the voltage selector switch or terminals on the horn. Set it to match your audio system's output voltage (25V, 70V, or 100V). Incorrect voltage selection can damage the unit.
2. **Connect Audio Lines:** Connect the audio input lines from your amplifier or paging system to the designated terminals on the horn. Observe correct polarity (+/-).
3. **Secure Connections:** Ensure all wiring connections are tight and properly insulated to prevent short circuits and ensure reliable operation.

5. OPERATING INSTRUCTIONS

Once installed and wired correctly, the Wheelock WHST-H15 Paging Horn operates in conjunction with your connected audio system.

1. **Power On:** Apply power to your audio amplifier or paging system.
2. **Test Audio:** Initiate a test page or audio signal through your system.
3. **Adjust Volume/Direction:** If necessary, adjust the output volume from your amplifier. The horn's direction can be fine-tuned using its adjustable mounting bracket.

Note: The WHST-H15 is a passive device and does not have its own volume control. Volume adjustments are made at the audio source.

6. MAINTENANCE

The Wheelock WHST-H15 Paging Horn requires minimal maintenance to ensure long-term performance.

- **Regular Inspection:** Periodically inspect the horn and its mounting bracket for any signs of damage, corrosion, or loose connections.
- **Cleaning:** Clean the exterior of the horn with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure no moisture enters the internal components.
- **Environmental Protection:** While weatherproof, extreme environmental conditions may necessitate more frequent checks.

7. TROUBLESHOOTING

If you encounter issues with your Wheelock WHST-H15 Paging Horn, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No sound output	No power to amplifier	Check amplifier power supply
	Incorrect wiring	Verify all wiring connections and polarity
	Incorrect voltage selection	Ensure voltage selector matches system voltage
	Damaged horn	Contact Wheelock support if horn is damaged

Problem	Possible Cause	Solution
Distorted or low sound	Incorrect voltage selection Amplifier output too low/high Loose connections	Verify voltage selector setting Adjust amplifier volume Check and secure all wiring connections
Horn not securely mounted	Loose mounting hardware Improper installation	Tighten all screws and bolts on the mounting bracket Re-evaluate mounting location and method

8. SPECIFICATIONS

Brand	Wheelock
Model	WHST-H15
Power Rating	15 Watts
Voltage Compatibility	25V, 70V, 100V (selectable)
Mounting	Adjustable Mounting Bracket
Environmental	Weatherproof
Color	Beige
Product Dimensions (LxWxH)	11 x 11 x 11 inches
Item Weight	0.01 ounces
Date First Available	November 21, 2013

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Wheelock website or contact their customer service directly. Keep your purchase receipt as proof of purchase.

Wheelock Customer Support: [Visit Eaton's Wheelock Website](#)