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> ASHATA IP65 Electric Horn Speaker User Manual

ASHATA ASHATAguzeib76gr

ASHATA IP65 Electric Horn Speaker User Manual

Model: ASHATAguzeib76gr

1. INTRODUCTION

This manual provides essential instructions for the installation, operation, and maintenance of your ASHATA IP65 Electric Horn Speaker. This device is designed for use as an alarm siren in various environments, including trucks and warehouses, offering MP3 playback capabilities and robust IP65 protection.

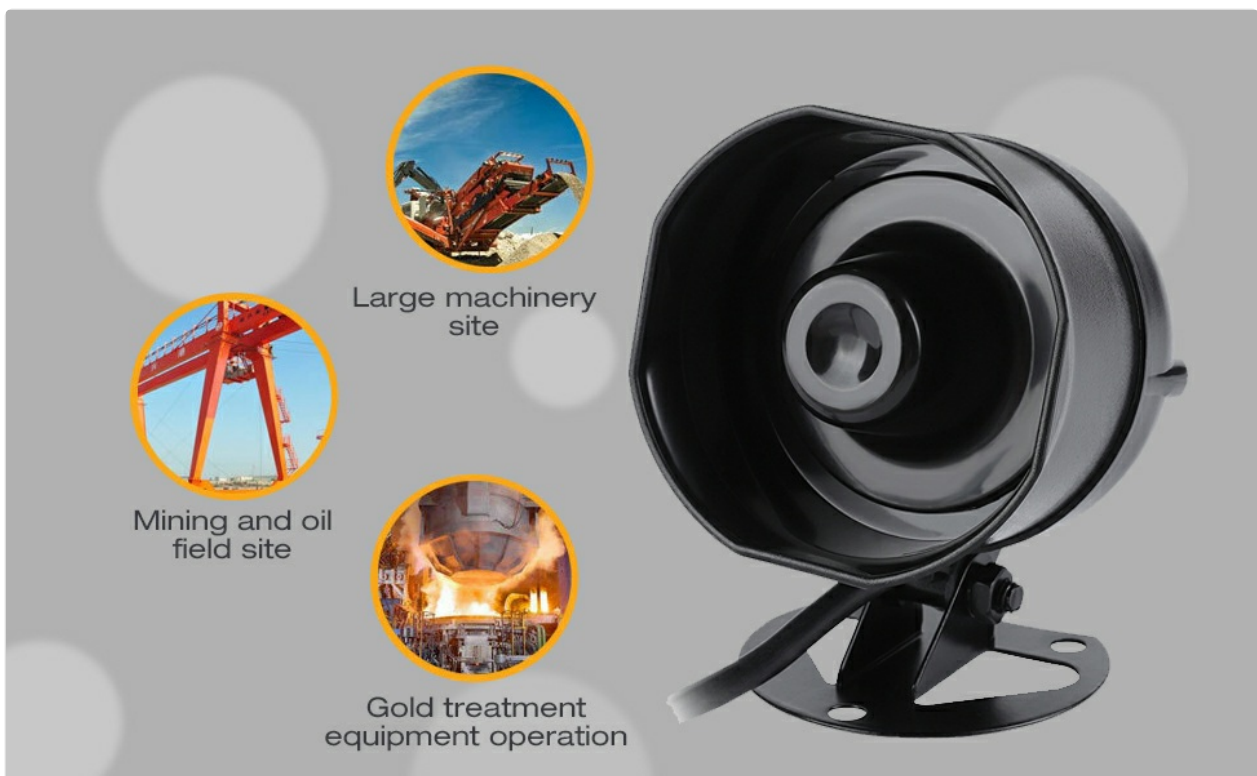


Figure 1: Example applications for the ASHATA Electric Horn Speaker.

2. SAFETY INFORMATION

- **Loud Sound Warning:** This device produces a loud alarm sound (up to 115dB). Prolonged exposure to high decibel levels can cause hearing damage. Ensure appropriate hearing protection is used when testing or operating the device in close proximity.
- **Electrical Safety:** Ensure the power supply (12 Volts) matches the device requirements. Incorrect voltage can damage the unit. All wiring should be performed by a qualified individual to prevent electrical hazards.
- **IP65 Protection:** The speaker is rated IP65, meaning it is protected against dust ingress and low-pressure water jets from any direction. It is *not* designed for submersion in water.
- **Mounting:** Mount the speaker securely to a stable surface to prevent it from falling, especially in environments with vibrations or movement.

02 Can be extended to a variety of trigger play mode, 5 trigger port can be set at will different trigger mode



Figure 2: The speaker produces loud alarm sounds.

01

The shell is made of ABS new engineering plastic shell, good corrosion resistance



Figure 3: The speaker features IP65 level protection against rain and dust.

3. PACKAGE CONTENTS

Verify that all items are present and in good condition upon unpacking:

- ASHATA IP65 Electric Horn Speaker
- Mounting Bracket and Screws (if included)
- Wiring Harness

4. PRODUCT OVERVIEW

The ASHATA Electric Horn Speaker is a robust and versatile alarm solution. Key features include:

- **High MP3 Sound Quality:** Supports MP3 audio format playback for clear sound.
- **Powerful Alarm:** Delivers a 115dB alarm with a 10W amplifier for continuous operation.
- **Durable Construction:** Made from ABS plastic, offering good corrosion resistance.
- **IP65 Rated:** Rainproof, dustproof, and shockproof for reliable performance in harsh environments.
- **Multi-Trigger Playback:** Features 5 trigger ports that can be configured for various playback modes.

03

Alarm sound is clear and loud, can work continuously for a long time



Figure 4: Key features of the Electric Horn Speaker.

Voice alarm speaker



Figure 5: High MP3 audio format support.

5. SETUP

5.1 Mounting

1. Select a suitable mounting location that is stable and allows for optimal sound projection.
2. Use the provided mounting bracket and screws to securely attach the speaker to the chosen surface. Ensure the bracket is firmly fastened to prevent vibration or detachment.

5.2 Wiring

The speaker requires a 12V power supply. Connect the wiring harness according to the following general guidelines. Refer to specific product labeling or a qualified electrician for detailed wiring diagrams if unsure.

- Connect the positive (+) wire to a 12V power source.
- Connect the negative (-) wire to ground.
- The additional colored wires are for the 5 trigger ports. These ports can be configured to activate different sounds or functions. Consult the device's specific trigger logic for detailed connection instructions.



Figure 6: Speaker with wiring harness.

6. OPERATING INSTRUCTIONS

6.1 Loading MP3 Voice Files

The speaker supports MP3 audio format playback. It features built-in SPI Flash memory for storing voice files.

- To change or load new voice files, you can insert an SD card into the designated slot (if present) or

connect via the Micro USB interface (if functional).

- Transfer your desired MP3 audio files to the device's internal memory or the inserted SD card. Ensure files are in a compatible format and named according to the device's requirements for proper recognition.



Figure 7: Voice file management.

6.2 Triggering Playback

The speaker is equipped with 5 trigger ports, allowing for various activation modes:

- Connect external switches or sensors to the trigger ports as per your system design.
- Each port can be configured to play a specific MP3 file or sequence of sounds when activated. Refer to the device's programming guide for detailed trigger port configuration.

7. MAINTENANCE

- **Cleaning:** Use a soft, damp cloth to clean the exterior of the speaker. Do not use harsh chemicals or abrasive cleaners. Ensure no water enters the internal components.
- **Inspection:** Periodically inspect the speaker for any signs of physical damage, loose connections, or wear on the wiring.
- **Environmental Conditions:** While IP65 rated, avoid exposing the speaker to extreme temperatures or prolonged direct sunlight, which can degrade materials over time.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound output	Incorrect wiring; No power; Faulty trigger; No MP3 files loaded.	Check power and trigger connections. Verify MP3 files are correctly loaded and recognized.
Unable to load new voice files	SD card not detected; Micro USB interface non-functional; Incorrect file format.	Ensure the SD card is properly inserted and formatted. Verify the functionality of the Micro USB port with a known working cable and computer. Check MP3 file format compatibility.
Speaker not powering on	No power supply; Incorrect voltage; Loose power connection.	Verify 12V power supply connection. Check for loose wires or damaged cables.

9. SPECIFICATIONS

Feature	Specification
Brand	ASHATA

Feature	Specification
Model Number	ASHATAguzeib76gr
Material	Acrylonitrile Butadiene Styrene (ABS)
Voltage	12 Volts
Noise Level	115 Decibels
Protection Rating	IP65 (Rainproof, Dustproof, Shockproof)
Item Weight	6.7 ounces
Dimensions (L x W x H)	Refer to product packaging for accurate dimensions. (Note: Provided dimensions 0.39 x 0.39 x 0.39 inches appear to be placeholder values.)
UPC	724942139221



Figure 8: Approximate dimensions of the speaker.

10. WARRANTY AND SUPPORT

ASHATA provides quality assurance for this product. If you encounter any issues or have questions regarding the ASHATA IP65 Electric Horn Speaker, please contact your retailer or ASHATA customer support for assistance. Please retain your proof of purchase for warranty claims.

