

ZONETECH EH0004

ZONETECH 80W Car Siren with PA Microphone System

USER MANUAL

Model: EH0004

Product Overview

The ZONETECH 80W Car Siren is a versatile audio system designed for vehicle warning and public address applications. It features multiple siren tones and a robust PA microphone for clear voice commands.

- **Five Distinct Tones:** Includes traditional hooter, ringing alarm, wailing ambulance, blaring siren, and distinct traffic sounds.
- **High Output:** 80 Watt siren system designed for loud and clear audio projection, audible from a significant distance.
- **Integrated PA System:** Features a solid-state PA microphone assembly for clear voice amplification.
- **Durable Construction:** Manufactured from premium quality materials for maximum strength and long-lasting durability.
- **Universal Application:** Suitable for various vehicles and other appropriate uses requiring a powerful siren and PA system.



Image: The ZONETECH 80W Car Siren speaker and PA microphone, showing the main components of the system.

Package Contents

Verify that all components are present and in good condition upon opening the package:

- 80W Siren Speaker Unit
- PA Microphone with Control Buttons
- Mounting Bracket for Speaker
- Wiring Harness with Inline Fuse
- Microphone Mounting Clip (if included)

Specifications

Feature	Specification
Brand	ZONETECH
Model Number	EH0004
Power Output	80 Watts

Feature	Specification
Input Voltage	12V DC
Dimensions (L x W x H)	7.2 x 4.8 x 7.1 inches
Weight	1.32 pounds
Noise Level	80 dB
Siren Tones	5 (Hooter, Ringing Alarm, Wailing Ambulance, Blaring Siren, Traffic Sound)
Microphone Type	Solid State PA Microphone

Safety Information

Read all safety instructions before installation and operation to prevent injury or damage.

- **Power Source:** This device operates on a 12V DC power supply only. Do not connect to other voltage sources.
- **Wiring:** Ensure all wiring connections are secure and insulated to prevent short circuits. The included inline fuse must be used.
- **Mounting:** Mount the speaker securely in a location that does not obstruct vision or interfere with vehicle operation. Ensure it is protected from excessive moisture and heat.
- **Volume:** The siren produces loud sounds. Avoid prolonged exposure to high volume levels to prevent hearing damage.
- **Legal Compliance:** Check and comply with all local, state, and federal laws regarding the use of vehicle sirens and public address systems. Unauthorized use may be illegal.
- **Professional Installation:** If you are unsure about the installation process, seek assistance from a qualified automotive technician.

Installation Guide

Follow these steps for proper installation of your ZONETECH Car Siren system. Typical installation time is less than one hour.

1. **Choose a Mounting Location:** Select a secure and stable location for the siren speaker, typically under the hood or behind the grille of your vehicle. Ensure the location allows for sound projection and protects the unit from direct water exposure.
2. **Mount the Speaker:** Use the provided mounting bracket to securely attach the siren speaker. Ensure it is firmly fixed to prevent vibration or detachment during vehicle operation.

Perfect Size

Can fit perfectly to any vehicle



Image: Siren speaker dimensions for proper placement.

3. Wire the Power:

- Connect the **RED** wire from the siren system to a 12V positive (+) power source. An inline fuse is included and must be used for circuit protection.
- Connect the **BLACK** wire from the siren system to a ground point on the vehicle chassis or directly to the negative (-) battery post.

Note: For very large vehicles, additional wiring may be required to extend the provided wires. Ensure any extensions use appropriate gauge wire and are properly insulated.

4. **Connect the Microphone:** Plug the PA microphone cable into the designated port on the siren unit.
5. **Mount the Microphone:** Secure the microphone in an accessible location within the vehicle's cabin using the provided clip or suitable adhesive.
6. **Test the System:** Before finalizing the installation, test all siren tones and the PA function to ensure proper operation.

Operating Instructions

The ZONETECH Car Siren system is operated via the handheld microphone unit.

5 Tones

traditional hooter
ringing fire alarm
wailing ambulance
blaring police siren
distinct traffic sound



Image: The PA microphone unit with clearly labeled buttons for different siren tones.

1. **Power On/Off:** Ensure the vehicle's 12V DC power is supplied to the siren unit. There is no separate power switch on the microphone; the unit is active when connected to power.
2. **Selecting Siren Tones:** The microphone features multiple buttons, each corresponding to a different siren tone. Press the desired button to activate the specific siren sound. Pressing another tone button will switch to that tone.
3. **Using the PA Function:** To use the public address function, press and hold the dedicated PA button (often labeled "Push to Talk" or similar) on the microphone. Speak clearly into the microphone. Release the button to stop broadcasting.
4. **Volume Control:** The volume of the siren and PA system is generally fixed for optimal output. Ensure the speaker is not obstructed for maximum clarity and volume.

Maintenance

Regular maintenance ensures the longevity and optimal performance of your siren system.

- **Cleaning:** Wipe the exterior of the speaker and microphone with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure no moisture enters the internal components.

- **Connections:** Periodically check all wiring connections for tightness and corrosion. Ensure the inline fuse is intact and not blown.
- **Speaker Obstruction:** Ensure the speaker grille is free from debris, dirt, or ice, which can impede sound output.
- **Storage:** If the vehicle is stored for an extended period, consider disconnecting the siren system from the power source to prevent battery drain.

Troubleshooting

If you encounter issues with your ZONETECH Car Siren, refer to the following common problems and solutions:

- **No Sound from Siren/PA:**
 - Check all power connections (RED wire to 12V+, BLACK wire to ground).
 - Verify the inline fuse is not blown. Replace if necessary.
 - Ensure the microphone cable is securely plugged into the siren unit.
 - Confirm the vehicle's 12V DC power source is active.
- **PA Voice is Unclear or Too Quiet:**
 - Ensure you are speaking directly and closely into the microphone.
 - Check for any obstructions in front of the microphone or speaker.
 - Verify the microphone's push-to-talk button is fully depressed during use.
- **Siren Tones Not Changing:**
 - Ensure you are pressing the correct tone buttons firmly.
 - Check for any damage to the microphone unit or its buttons.
- **Intermittent Operation:**
 - Inspect all wiring for loose connections or damaged insulation.
 - Ensure the unit is not overheating due to poor ventilation or prolonged use.

If problems persist after following these steps, contact ZONETECH customer support for further assistance.

Warranty and Support

ZONETECH products are designed for reliability and performance. For information regarding warranty coverage, product registration, or technical support, please refer to the contact information provided with your purchase or visit the official ZONETECH website.

When contacting support, please have your product model number (EH0004) and purchase details readily available.