

# SERIES 100N SPEAKER

## ETSS100N



### WARNING

Sirens produce loud sounds that may damage hearing:

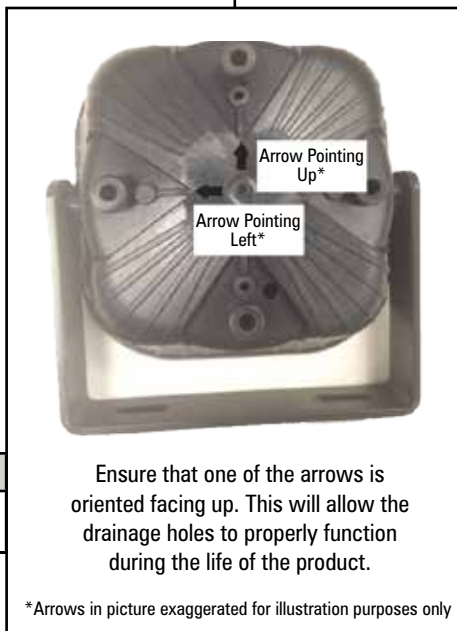
- Roll up windows.
- Wear hearing protection.
- Use only for emergency response.
- Avoid exposure to siren sound outside of vehicle.



MOUNTING BRACKET

M6 x 12mm x2  
HEX BOLT

LOCK WASHER x2



Ensure that one of the arrows is oriented facing up. This will allow the drainage holes to properly function during the life of the product.

\*Arrows in picture exaggerated for illustration purposes only

MODEL	POWER RATING	IMPEDANCE	FREQ. RESPONSE	Polarity
ETSS100N	100 Watts RMS	8-11 Ohms Nominal	200-5000 Hz +/-10 dB Nominal	(+) = WHITE (-) = BLACK

### WARNING

- HIGH CURRENT interconnects must be properly terminated. Poor crimp quality can cause heat build-up and fire. Follow crimp connector manufacturer instructions.
- DO NOT install this product or route any wires in the Air Bag Deployment Zone. Refer to vehicle Owner's Manual for deployment zones.
- Do NOT use system to disconnect headlights, brake lights or other safety equipment.
- Unit may become hot to touch during normal operation.
- Failure to properly install connectors, fuses or wiring may cause vehicle failure or fire.
- Installation must only be performed by trained technician. Installer must determine vehicle wiring configuration and proper integration of system.
- Use proper wire gauge. All power wires connecting to positive (+) or negative (-) battery terminal or local chassis ground (-) must be sized to supply at least 125% of max. current and properly fused at power source.
- Install protective grommets when routing wire through firewall or metal.

### NOTICE:

Installers and users must comply with all applicable federal, state and local laws regarding use and installation of warning devices.

*Improper use or installation may void warranty coverage.*

To review our Limited Warranty Statement & Return Policy for this or any SoundOff Signal product, visit our website at [www.soundoffsignal.com/tech-services/returns/](http://www.soundoffsignal.com/tech-services/returns/). If you have questions regarding this product, contact **Technical Services**, Monday - Friday, 8 a.m. to 5 p.m. or after hours 5 p.m. to 8 p.m. ET at 1.800.338.7337 (press #4).

Questions or comments that do not require immediate attention may be emailed to [techservices@soundoffsignal.com](mailto:techservices@soundoffsignal.com).

### INTRODUCTION

The ETSS100N Siren Loudspeaker is used for high-powered transmission of electronic siren and voice communications in vehicular applications.

### SAFETY MESSAGE TO OPERATORS AND INSTALLERS OF SOUNDOFF SIGNAL® SIREN/SPEAKER SYSTEMS

#### SIGNALING LIMITATIONS

Maximum sound output will be severely reduced if any objects are in front of the speaker. If your installation has obstructions in front of the speaker, drive even more cautiously. The effectiveness of the siren/speaker system is highly dependant on the correct mounting and wiring. The vehicle operator should verify the siren/speaker system is securely fastened to the vehicle and properly functioning.

#### SOUND HAZARDS

Effective siren/speaker systems generate loud sound pressure levels (120db) that can potentially cause permanent hearing damage. Installers and those around the vehicle need to be aware of the dangers and wear hearing protection whenever the siren system is operating.

#### DURING INSTALLATION

Do not get metal shavings inside of speaker. Metal shavings can cause speaker to fail. If metal removing must be done near the speaker, place a cover over the unit to prevent metal shavings from getting inside of speaker.

The user/installer assumes full responsibility to determine proper mounting location, based on providing safety for passengers inside the vehicle

Correct Polarity must be observed when connecting more than one speaker to ensure proper phasing/syncing of sound.

**WARNING:** Warning devices are strictly regulated and governed by Federal, State and Municipal ordinances. These devices shall be used **ONLY** on approved vehicles. It is the sole responsibility of the user of these devices to ensure compliance.

# SoundOff Signal

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