

## Audible Devices

### Safety Message to Installers and Maintenance Personnel

People's lives depend on your safe installation of our products. It is important to follow all instructions shipped with this product. This device is to be installed, maintained and repaired by a trained electrician who is thoroughly familiar with the National Electrical Code and/or Canadian Electrical Code and will follow the NEC, IEC, and/or CEC Guidelines as well as all local codes. This horn should be considered a part of the warning system and not the entire warning system.

The selection of the mounting location for this bell, its controls and the routing of the wiring are to be accomplished under the direction of the Facilities Engineer and the Safety Engineer. In addition, listed below are some other important safety instructions and precautions you should follow:

- Read and understand all instructions before installing, operating, or maintaining this equipment.
- Environmental exposure conditions during installation should be dry, not moist or wet.
- Ensure power is disconnected prior to installation or maintenance to avoid electric shock.
- Never energize the bell with the gong removed.
- For proper performance, the bell must be mounted with the solenoid striker upwards.
- Avoid mounting the bell where it will be subject to excessive vibration.
- Do not connect the bell to the system when power is on.
- Never energize the bell with the gong removed.

Optimum sound distribution will be severely reduced if any objects are in front of the bell. You should ensure that the front of the bell is clear of any obstructions.

All effective warning bells produce loud sounds which may cause, in certain situations, permanent hearing loss. The device should be installed far enough away from potential listeners to limit their exposure while still maintaining its effectiveness. The OSHA Code of Federal Regulations 1910.95 Noise Standard provides guidelines that may be used regarding permissible noise exposure levels.

- After installation, ensure that all mounting screws are tightened.
- Establish a procedure to routinely check the bell for proper activation and operation.
- Any maintenance to the bell MUST be performed by a trained electrician in accordance with NEC, IEC, and/or CEC Guidelines and local codes.
- Never alter the bell in any manner.
- Provide a copy of these instructions to the Safety Engineer, operator(s), and maintenance personnel.
- File these instructions in a safe place and refer to them when maintaining and/or reinstalling the bell.

Failure to follow all safety precautions and instructions may result in property damage, serious injury, or death.

### Unpacking the Bell

After unpacking the bell, examine it for damage that may have occurred in transit. If the horn has been damaged, do not attempt to install or operate it. File a claim immediately with the carrier, stating the extent of the damage. Carefully check all envelopes, shipping labels, and tags before removing or discarding them. Disposal of all shipping materials must be carried out in accordance with national and local codes and standards. If any parts are missing, please call Federal Signal Customer Support at 708-534-4756 or 877-289-3246.

**WIRING PRECAUTION:** National Electrical Codes as well as local codes must be adhered to in the installation of the device. All electrical wiring must be routed through approved conduit and fittings as specified by AHJ. Failure to heed this warning may cause an electrical shock or render the device inoperable, causing serious injury or death.

**WIRING PRECAUTION:** Refer to NFPA 70 (NEC) and CSA C22.1 Canadian Electrical Code, Part 1, Safety Standard for Electrical Installation, Section 32. Failure to heed this warning may cause an electrical shock or render the device inoperable, causing serious injury or death.

### SignalTech 1 Year Warranty

Seller warrants all goods for one years on parts, under the following conditions and exceptions: Seller warrants that all goods of Seller's manufacture will conform to published specifications which are expressly made a part of this sales contract and at the time of sale by Seller such goods shall be commercially free from defects in material or workmanship. Seller reserves the right at the Seller's discretion to "Repair and Return" or "Replace" any item deemed defective during the warranty period. This warranty does not cover travel expenses, the cost of specialized equipment for gaining access to the product, or labor charges for removal and reinstallation of the product. This warranty shall be ineffective and shall not apply to goods that have been subjected to misuse, neglect, accident, damage, improper maintenance, or to goods altered or repaired by anyone other than Seller or its authorized representative, or if one year has elapsed from the date of shipment of the goods by Seller with the following exceptions: lamps and strobe tubes are not covered under this warranty. No agent, employee, representative or distributor of Seller has any authority to bind the Seller to any representation, affirmation, or warranty concerning the goods and any such representation, affirmation or warranty shall not be deemed to have become a part of the basics of the sales contract and shall be unenforceable. THE FORE-GOING WARRANTY EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES OF WHATSOEVER KIND AND NATURE, INCLUDING, BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY, FITNESS FOR PURPOSE, INCLUDING FAILURE OF ITS ESSENTIAL PURPOSE, WHETHER EXPRESS OR IMPLIED. REGARDLESS OF THE CIRCUMSTANCES, SELLER'S MAXIMUM LIABILITY WITH RESPECT TO THIS PRODUCT SHALL NOT EXCEED THE PURCHASE PRICE PAID FOR THIS PRODUCT.

For complete instruction manual visit [www.federal-signal-indust.com/SignalTech](http://www.federal-signal-indust.com/SignalTech)

## Visual Devices

### Safety Messages to Installers and Users

It is important to follow all instructions shipped with this product. This device is to be installed by a trained electrician who is thoroughly familiar with and will follow all applicable national and local codes in the country of use.

This device should be considered a part of the warning system and not the entire warning system.

The selection of the mounting location for the device, its controls and the routing of the wiring are to be accomplished under the direction of the facilities engineer and the safety engineer. In addition, listed below are some other important safety instructions and precautions you should follow:

- Read and understand all instructions before installing or operating this equipment.
- The circuitry of the beacon can be damaged by an electrostatic discharge. Follow antistatic procedures while installing the beacon.
- Never alter the unit in any manner. Safety in hazardous locations may be endangered if additional openings or other alterations are made in units specifically designed for use in these locations.
- Do not connect this beacon to the system when power is on.
- After installation, ensure that all threaded joints are properly tightened.
- Keep the unit tightly closed when in operation.
- After installation, test the beacon system to ensure that it is operating properly.
- After testing is complete, provide a copy of this instruction sheet to all personnel.
- Establish a procedure to routinely check the beacon system for proper activation and operation.

Failure to follow all safety precautions and instructions may result in property damage, serious injury, or death.

### Unpacking the Beacon

After unpacking the beacon, examine it for damage that may have occurred in transit. If it has been damaged, do not attempt to install or operate it. File a claim immediately with the carrier, stating the extent of the damage. Carefully check all envelopes, shipping labels, and tags before removing or discarding them. Disposal of all shipping materials must be carried out in accordance with national and local codes and standards. If any parts are missing, please call Federal Signal Customer Support at +1 708-534-4756 or +1 877-289-3246.

**LIGHT HAZARD:** To be an effective warning device, the beacon produces bright light that can be hazardous to your eyesight when viewed at close range. Do not stare directly into the light at close range or permanent damage to your eyesight may occur.

**BURN HAZARD:** The LED emitter and strobe tubes gets hot enough to burn you. Always allow the emitter or strobe to cool before handling it.

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#### Technical Support

Toll Free: 1-844-306-8324 (U.S.A. only)  
Outside the U.S.A.: 1-708-534-4790  
E-mail: [techsupport@fedsig.com](mailto:techsupport@fedsig.com)

#### Customer Support

Phone: +1-708-534-4756  
E-mail: [ordersup@fedsig.com](mailto:ordersup@fedsig.com)

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