

INSTALLATION & OPERATION MANUAL

SL100
SLIM LINE
SIREN SPEAKER



Code 3, Inc., a subsidiary of
Public Safety Equipment, Inc.

CODE 3[®]
PUBLIC SAFETY EQUIPMENT, INC.

SL100 SLIM LINE SIREN SPEAKER

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IMPORTANT:

Read all instructions and warnings before installing and using.

INSTALLER:

This manual must be delivered to the end user of this equipment.

Introduction

The SL100 is a high output siren speaker with a universal mounting bracket. This highly effective warning device employs a mathematically designed speaker for maximum sound volume whether used as a siren or public address system.



Sirens are an integral part of an effective audio/visual emergency warning system. However, sirens are only short range secondary warning devices. The use of a siren does not insure that all drivers can or will observe or react to an emergency warning signal, particularly at long distances or when either vehicle is traveling at a high rate of speed. Sirens should only be used in a combination with effective warning lights and never relied upon as a sole warning signal. Never take the right of way for granted. It is your responsibility to be sure you can proceed safely before entering an intersection, driving against traffic, or responding at a high rate of speed. The effectiveness of this warning device is highly dependent upon correct mounting and wiring. Read and follow the manufacturer's instruction before installing or using this device. The vehicle operator should check the equipment daily to insure that all features of the device operate correctly.

To be effective, sirens must produce high sound levels that potentially can inflict hearing damage. Installers should be warned to wear hearing protection, clear bystanders from the area and not to operate the siren indoors during testing. Vehicle operators and occupants should assess their exposure to siren noise and determine what steps, such as consultation with professionals or use of hearing protection should be implemented to protect their hearing.

This equipment is intended for use by authorized personnel only. It is the user's responsibility to understand and obey all laws regarding emergency warning devices. The user should check all applicable city, state and federal laws and regulations.

Public Safety Equipment, Inc., assumes no liability for any loss resulting from the use of this warning device.

Proper installation is vital to the performance of the siren and the safe operation of the emergency vehicle. It is important to recognize that the operator of the emergency vehicle is under psychological and physiological stress caused by the situation. The siren system should be installed in such a manner as to: A) Not reduce the acoustical performance of the system. B) Limit as much as practical the noise level in the passenger compartment of the vehicle. C) Place the controls within convenient reach of the operator so that he can operate the system without losing eye contact with the roadway,

Emergency warning devices often require high electrical voltage and/or currents. Properly protect and use caution around live electrical connections. Grounding or shorting of electrical connections can cause high current arcing, which can cause personal injury and/or severe vehical damage, including fire.

PROPER INSTALLATION COMBINED WITH OPERATOR TRAINING IN THE PROPER USE OF EMERGENCY WARNING DEVICES IS ESSENTIAL TO INSURE THE SAFETY OF EMERGENCY PERSONNEL AND THE PUBLIC.

Installation & Mounting

For easier installation, remove the speaker from the bracket.

1998-2002 CROWN VICTORIA INSTALLATION:

1. Remove the access panel in front of the radiator. Invert bracket and position on top of radiator wall on passenger side near the hood latch. Mark location for three holes through the three round holes in bracket.
2. Drill three 13/64" holes in top of radiator wall, be careful not to damage the radiator. Reinstall speaker on bracket and install assembly with three 1/4" sheet metal screws.
3. Connect speaker wiring to Siren amplifier following siren installation instructions. Reinstall access panel.

2003+ CROWN VICTORIA INSTALLATION:

1. Remove the access panel in front of the radiator. Behind grill and below/fwd of airbag sensor, remove (2) screws on 3.50 inch vertical hole pattern attaching grill fascia to 1st cross member support.
2. Remove clip nuts and drill(2) 3/8 inch diameter holes from existing screw holes.
3. Install speaker mounting bracket to vertical hole pattern with 3/8 inch screw, nut and lock washer.
4. Attach speaker to mounting bracket with 1/4 inch fasteners. Connect speaker wiring to amplifier, follow siren installation instructions. Reinstall access panel.

CODE 3 SQUAD-SHIELD AND SQUAD-SHIELD II INSTALLATION:

1. The bracket is predrilled to fit on the Cross Channel of both the Squad-shield and Squad-shield II. Install with two 3/8" carriage bolts, lock washers and nuts; and one 3/8" bolt, lock washer and nut.
2. Connect speaker wiring to Siren amplifier following siren installation instructions.

UNIVERSAL MOUNT:

1. Choose a location that will allow the sound to be projected through the grill. Mount bracket to a solid structural member.
2. Connect speaker wiring to Siren amplifier following siren installation instructions.

SIREN SPEAKER
PART NO. 3471



UNIVERSAL BRACKET
PART NO. S82946

INSTALLATION HARDWARE - PART NO. S82951

WARRANTY

This product was tested and found to be operational at the time of manufacture. Provided this product is installed and operated in accordance with the manufacturer's recommendations, Public Safety Equipment guarantees all strobe reflector assemblies and all other parts and components for a period of 1 year from the date of purchase or delivery, whichever is later. Units demonstrated to be defective within the warranty period will be repaired or replaced at the factory service center at no cost.

Use of a lamp or other electrical load of a wattage higher than installed or recommended by the factory, or use of inappropriate or inadequate wiring or circuit protection causes this warranty to become void. Failure or destruction of the product resulting from abuse or unusual use and/or accidents is not covered by this warranty. Use of non-Code 3 components and assemblies may cause damage to the system and/or personal injury, and voids all warranties on PSE systems and components.

Code 3, Inc. shall in no way be liable for other damages including consequential, indirect or special damages whether loss is due to negligence or breach of warranty.

CODE 3, INC. MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY INCLUDING, WITHOUT LIMITATION, WARRANTIES OF FITNESS OR MERCHANTABILITY, WITH RESPECT TO THIS PRODUCT.

PRODUCT RETURNS

In order to provide you with faster service, if you are going to return a product for repair or replacement*, please contact our factory to obtain a Return Goods Authorization Number (RGA number) before you ship the product to Code 3. Write the RGA number clearly on the package near the mailing label. Be sure you use sufficient packing materials to avoid damage to the product being returned while in transit.

*Code 3, Inc. reserves the right to repair or replace product at its discretion and assumes no responsibility or liability for expenses incurred for the removal and/or reinstallation of products requiring service and/or repair.

NEED HELP? Call our Technical Assistance Hotline - (314) 996-2800

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