



Installation and Operation Instructions C3900 Compact Speaker with Universal Mounting Kit

Introduction:

The C3900 compact, slim profile speaker uses a (patent pending) dual speaker driver design to produce all the familiar siren tones (WAIL and YELP), as well as low frequency tones with the Code 3 Banshee siren. It is designed to be easily installed using both universal and vehicle specific mounting brackets and comes with a 5-year warranty. It meets SAE J1849 and California Title 13 requirements when used with Code 3 sirens. Code 3 speakers are certified with Code 3 Sirens as a system and different siren Manufacturers could cause component damage or reduce sound pressure.

Contents:

| | |
|--------------------------------|----|
| Specifications..... | 01 |
| Installation and Mounting..... | 02 |
| Warranty..... | 04 |


Specifications*:

*specification as for a single C3900 speaker

| | w/o Bracket | w/ Bracket |
|-------------|--|--|
| Power: | 100 Watt | |
| Impedance: | 11 Ohm | |
| Weight: | 2.8 lbs | 5.3 lbs |
| Dimensions: | 1.61 in(L) 5.86 in(W) 5.96 in(H) | 2.15 in(L) 5.96 in(W) 7.40 in(H) |



WARNING!
Sirens produce loud sounds that may damage hearing



- Wear hearing protection when testing
- Use siren only for emergency response
- Roll up windows when siren is operating
- Avoid exposure to the siren sound outside of vehicle

IMPORTANT! Read all instructions before installing and using. Installer: This manual must be delivered to the end user.



WARNING!

Failure to install or use this product according to manufacturers recommendations may result in property damage, serious injury, and/or death to those you are seeking to protect!



Do not install and/or operate this safety product unless you have read and understand the safety information contained in this manual.

1. Proper installation combined with operator training in the use, care, and maintenance of emergency warning devices are essential to ensure the safety of emergency personnel and the public.
2. Emergency warning devices often require high electrical voltages and/or currents. Exercise caution when working with live electrical connections.
3. This product must be properly grounded. Inadequate grounding and/or shorting of electrical connections can cause high current arcing, which can cause personal injury and/or severe vehicle damage, including fire.
4. Proper placement and installation is vital to the performance of this warning device. Install this product so that output performance of the system is maximized and the controls are placed within convenient reach of the operator so that s/he can operate the system without losing eye contact with the roadway.
5. It is the responsibility of the vehicle operator to ensure daily that all features of this product work correctly. In use, the vehicle operator should ensure the projection of the warning signal is not blocked by vehicle components (i.e., open trunks or compartment doors), people, vehicles or other obstructions.
6. The use of this or any other warning device does not ensure all drivers can or will observe or react to an emergency 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, drive against traffic, respond at a high rate of speed, or walk on or around traffic lanes.
7. This equipment is intended for use by authorized personnel only. The user is responsible for understanding and obeying all laws regarding emergency warning devices. Therefore, the user should check all applicable city, state, and federal laws and regulations. The manufacturer assumes no liability for any loss resulting from the use of this warning device.

Installation and Mounting:

Step 1. Select a mounting location. The mounting location should not only be as flat as possible but also, allow the siren to project its tone parallel to the road.

NOTE: Some mounting arrangements may require installing the bracket on the mounting surface before securing the speaker to the bracket.

NOTE: Because of the variety of vehicles and possible mounting arrangements, installation details and mounting bracket fabrication must be determined by the installer.

Step 2. Position the bracket onto the desired mounting area and mark the centers of the four recommended mounting holes using the bracket as a template.

CAUTION: Before drilling holes in ANY part of a vehicle, be sure that both sides of the mounting surface are clear of parts that could be damaged; such as brake lines, fuel lines, electrical wiring or other vital parts.

Step 3. In the center of each of the four holes you marked, drill a 1/8-inch pilot hole into the mounting surface for each of the screws then enlarge the pilot holes with a larger drill size for the intended self-tapping fastener (customer supplied.) If you can get access to the other side of the mounting area, and it is not too thick, you may want to substitute the four mounting screws with nuts, bolts and washers (customer supplied).

Step 4. Secure the bracket to the mounting surface with the screws (Four screws are recommended).

NOTE: When installing self-tapping screws you may need a socket and electric drill to drive the screws.

Step 5. Attach the speaker to the bracket using the supplied screws and washers as shown in Figure 1.

Step 6. Connect the speaker wiring as directed in the siren installation manual.

Step 7. Test the siren for proper operation.

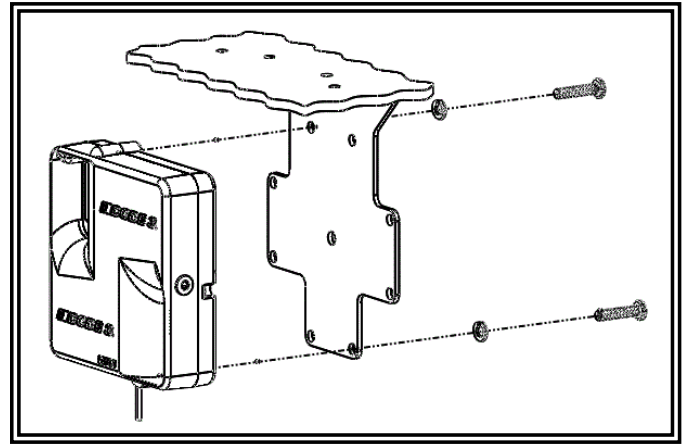


Figure 1

WARNING! To avoid reduction of sound output and damage to the speaker, ensure that the speaker is mounted with the wires exiting from the bottom of the speaker. The marking "BOTTOM" will be on the lower part of the speaker.

Parts List

| Item | Part No. | Description | Qty. |
|------|-------------|--------------------------------|------|
| 1 | 140-1533-00 | 100 Watt Slim Speaker | 1 |
| 2 | 220-1011-00 | Universal "L" Mounting Bracket | 1 |
| 3 | 321-0126-00 | 1/4"-20 x 1 1/4" Machine Screw | 2 |
| 4 | T03745 | 1/4" Split Lock Washer | 2 |

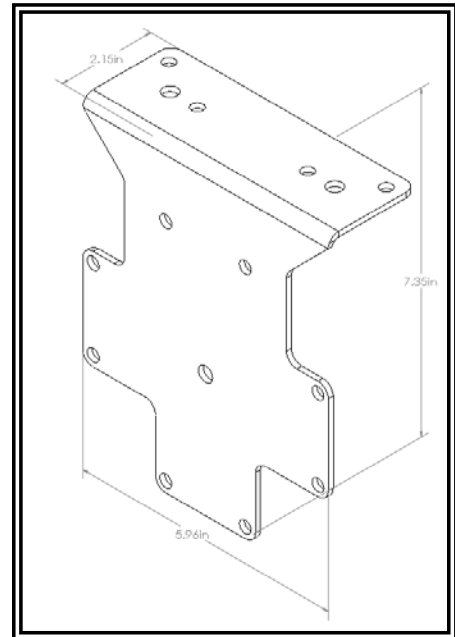


Figure 2

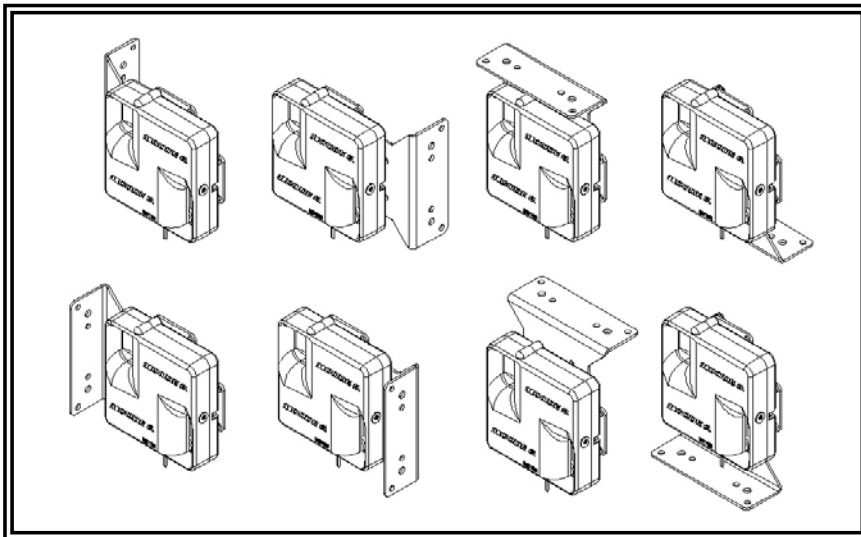


Figure 3

NOTE: Figure 3, eight possible mounting positions for the Universal Bracket. It is absolutely essential that the speaker be mounted so that the wires exit at the bottom (toward the ground.) The marking "BOTTOM" will be on the lower part of the speaker. Improper mounting will cause damage to your C100 Speaker and void the warranty.

Notes:

Manufacturer Limited Warranty Policy:

Manufacturer warrants that on the date of purchase this product will conform to Manufacturer's specifications for this product (which are available from the Manufacturer upon request). This Limited Warranty extends for Sixty (60) months from the date of purchase.

DAMAGE TO PARTS OR PRODUCTS RESULTING FROM TAMPERING, ACCIDENT, ABUSE, MISUSE, NEGLIGENCE, UNAPPROVED MODIFICATIONS, FIRE OR OTHER HAZARD; IMPROPER INSTALLATION OR OPERATION; OR NOT BEING MAINTAINED IN ACCORDANCE WITH THE MAINTENANCE PROCEDURES SET FORTH IN MANUFACTURER'S INSTALLATION AND OPERATING INSTRUCTIONS Voids THIS LIMITED WARRANTY.

Exclusion of Other Warranties:

MANUFACTURER MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED. THE IMPLIED WARRANTIES FOR MERCHANTABILITY, QUALITY OR FITNESS FOR A PARTICULAR PURPOSE, OR ARISING FROM A COURSE OF DEALING, USAGE OR TRADE PRACTICE ARE HEREBY EXCLUDED AND SHALL NOT APPLY TO THE PRODUCT AND ARE HEREBY DISCLAIMED, EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW. ORAL STATEMENTS OR REPRESENTATIONS ABOUT THE PRODUCT DO NOT CONSTITUTE WARRANTIES.

Remedies and Limitation of Liability:

MANUFACTURER'S SOLE LIABILITY AND BUYER'S EXCLUSIVE REMEDY IN CONTRACT, TORT (INCLUDING NEGLIGENCE), OR UNDER ANY OTHER THEORY AGAINST MANUFACTURER REGARDING THE PRODUCT AND ITS USE SHALL BE, AT MANUFACTURER'S DISCRETION, THE REPLACEMENT OR REPAIR OF THE PRODUCT, OR THE REFUND OF THE PURCHASE PRICE PAID BY BUYER FOR NON-CONFORMING PRODUCT. IN NO EVENT SHALL MANUFACTURER'S LIABILITY ARISING OUT OF THIS LIMITED WARRANTY OR ANY OTHER CLAIM RELATED TO THE MANUFACTURER'S PRODUCTS EXCEED THE AMOUNT PAID FOR THE PRODUCT BY BUYER AT THE TIME OF THE ORIGINAL PURCHASE. IN NO EVENT SHALL MANUFACTURER BE LIABLE FOR LOST PROFITS, THE COST OF SUBSTITUTE EQUIPMENT OR LABOR, PROPERTY DAMAGE, OR OTHER SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES BASED UPON ANY CLAIM FOR BREACH OF CONTRACT, IMPROPER INSTALLATION, NEGLIGENCE, OR OTHER CLAIM, EVEN IF MANUFACTURER OR A MANUFACTURER'S REPRESENTATIVE HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. MANUFACTURER SHALL HAVE NO FURTHER OBLIGATION OR LIABILITY WITH RESPECT TO THE PRODUCT OR ITS SALE, OPERATION AND USE, AND MANUFACTURER NEITHER ASSUMES NOR AUTHORIZES THE ASSUMPTION OF ANY OTHER OBLIGATION OR LIABILITY IN CONNECTION WITH SUCH PRODUCT.

This Limited Warranty defines specific legal rights. You may have other legal rights which vary from jurisdiction to jurisdiction. Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages.

Product Returns:

If a product must be returned 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®, Inc. 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 at its discretion. Code 3®, Inc. assumes no responsibility or liability for expenses incurred for the removal and /or reinstallation of products requiring service and/or repair.; nor for the packaging, handling, and shipping; nor for the handling of products returned to sender after the service has been rendered.



10986 North Warson Road
St. Louis, MO 63114

Technical Service

(314) 996-2800

c3_tech_support@code3esg.com

www.code3esg.com

An ECCO SAFETY GROUP™ Company

www.eccosafetygroup.com