

SC-ICG

(IN-CEILING GRILLE)

SUBCONTRACTOR™ SERIES

INSTALLATION MANUAL



IMPORTANT SAFETY INSTRUCTIONS



CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN



Caution

To reduce the risk of electric shock, do not remove cover (or back). No user-serviceable parts inside. Refer servicing to qualified service personnel.

The lightning flash with arrowhead symbol is intended to alert the user to the presence of uninsulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the subwoofer.

1. **Read Instructions** — All safety and operating instructions should be read before the product is operated.
2. **Retain Instructions** — The safety and operating instructions should be retained for future reference.
3. **Heed Warnings** — All warnings on the product and in the operating instructions should be adhered to.
4. **Follow Instructions** — All operating and use instructions should be followed.
5. **Water and Moisture** — The product should not be used near water — for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, near a swimming pool or the like.
6. **Carts and Stands** — The product should be used only with a cart or stand recommended by the manufacturer.
7. **Wall or Ceiling Mounting** — The product should be mounted to a wall or ceiling only as recommended by the manufacturer.
8. **Ventilation** — The product should be situated so that its location or position does not interfere with its proper ventilation. For example, the product should not be situated on a bed, sofa, rug, or similar surface that may block the ventilation openings; or placed in a built-in installation such as a bookcase or cabinet that may impede the flow of air through the ventilation openings.
9. **Heat** — The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products that produce heat.
10. **Power Sources** — The product should be connected to a power supply only of the type described in the operating instructions or as marked on the product.
11. **Grounding or Polarization** — This product may be equipped with a polarized alternating-current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.
12. **Power-Cord Protection** — Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point at which they exit from the product.
13. **Cleaning** — The product should be cleaned only as recommended by the manufacturer.
14. **Nonuse Periods** — The power cord of the product should be unplugged from the outlet when left unused for a long period of time.
15. **Object and Liquid Entry** — Care should be taken so that objects do not fall and liquids are not spilled onto the enclosure.
16. **Damage Requiring Service** — The product should be serviced by qualified service personnel when:
 - a. The power-supply cord or plug has been damaged.
 - b. Objects have fallen or liquid has been spilled into the product.
 - c. The product has been exposed to rain.
 - d. The product does not appear to operate normally or exhibits a marked change in performance.
 - e. The product has been dropped or damaged.
17. **Servicing** — The user should not attempt to service the product beyond what is described in the operating instructions. All other servicing should be referred to qualified service personnel.
18. **Lightning** — For added protection for the product during a lightning storm or when it is left unattended and unused for long periods of time, unplug it from the wall outlet.
19. **Overloading** — Do not overload wall outlets, extension cords or integral convenience receptacles as this can result in a risk of fire or electric shock.
20. **Attachments** — Only use attachments and accessories specified by the manufacturer.
21. **Voltage** — Insure that the subwoofer is only connected to the rated source voltage. Do not connect the 120-volt version to 230-volts or vice-versa. This will result in damage to the subwoofer and possible injury to the user.

CAUTION: To prevent electrical shock, match wide blade of plug to wide slot, fully inserted.

CONGRATULATIONS

Congratulations on your purchase of a Velodyne in-ceiling grille. The Velodyne in-ceiling grille is for use with the SC-IF/IC (In-Floor/In-Ceiling) or SC-600 IF/IC subwoofers. Read and follow this instruction manual to ensure safe and proper installation.

Prior to Installation

Please unpack the grille carefully. Please save the carton and all packaging materials for future use.

Warning

Before installing the Velodyne in-ceiling grille, have the subwoofer location established. Avoid rafters, pipes and cabling when installing sub and grille. Please refer all service questions to your authorized Velodyne dealer. Remember to perform all installation procedures with system power turned off to prevent possible damage.

Tools Needed

- Drill or Phillips screwdriver
- Phillips drill bit (if using a drill)
- Box knife
- Staple gun
- Sheetrock saw
- Paint applicator
- Paint

INSTALLATION INSTRUCTIONS

Retrofit

1. Determine the center position for the subwoofer installation location.
2. Puncture a small hole through the ceiling material at the corresponding driver center location.

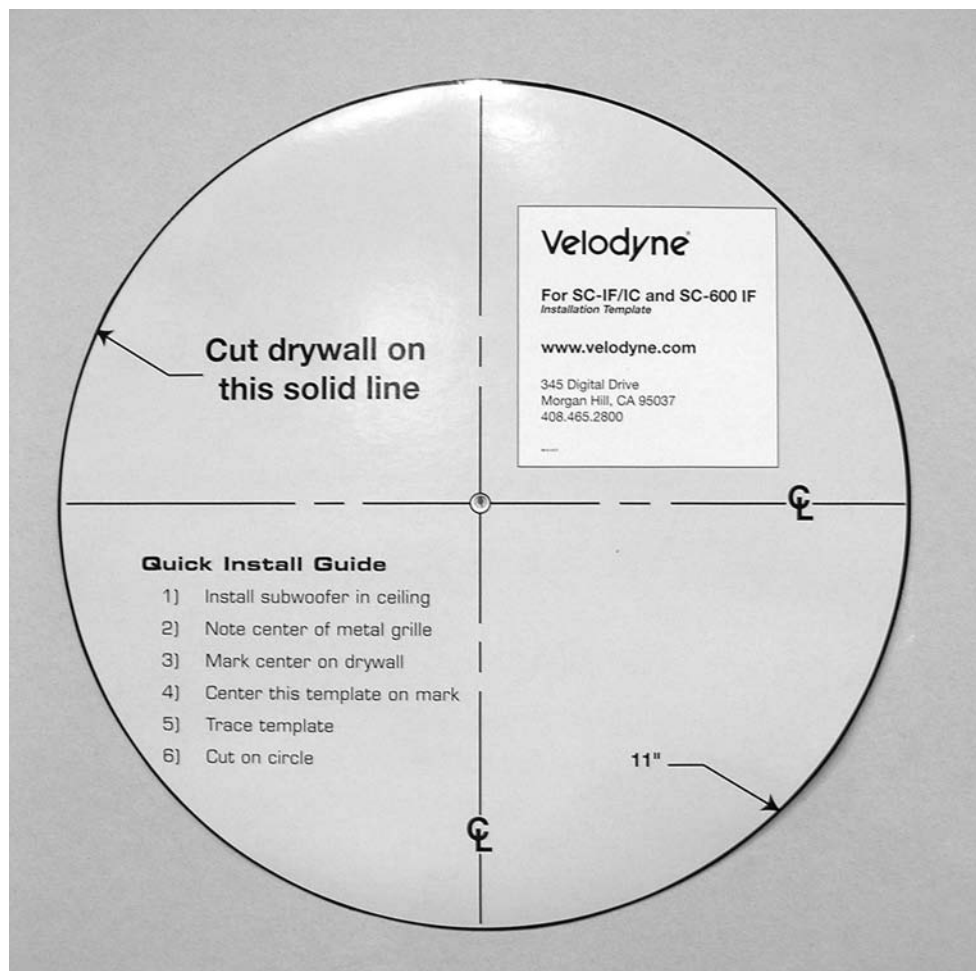


Figure 1. Position the SC-600 In-Ceiling template on desired installation location.

3. Center the SC-ICG cut-out template to the hole created in the previous step.

4. Cut the ceiling material along the solid line noted on the template, following the outer diameter of the circular template.

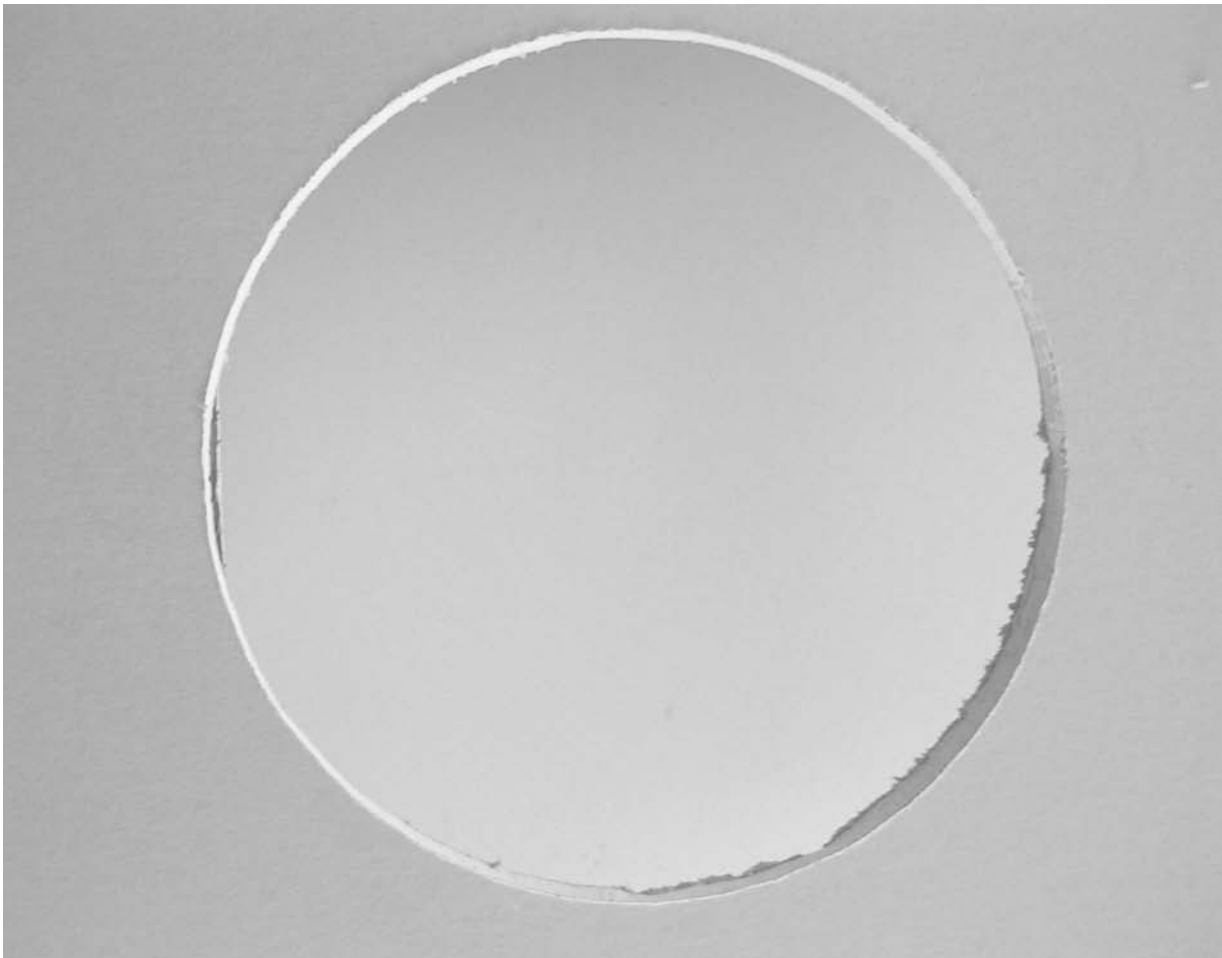


Figure 2. Cut ceiling material along specified solid cut-line.

5. Insert the paint template into the in-ceiling grille basket. Paint the grille basket flange to match decor.
6. After the paint has dried, remove the paint template and insert the in-ceiling grille basket into the hole in the ceiling material.



Figure 3. Install the basket flange into the cut-out ceiling material.

7. Push the backside of the basket flange flush with the ceiling material, and tighten the four screws on the basket engaging the clamps. The four screws should be hand tightened, or torqued to 4 inch pound.
8. Carefully push the aluminum grille into the groove on the grille basket. Ensure that the flange and the grille edge are flush.

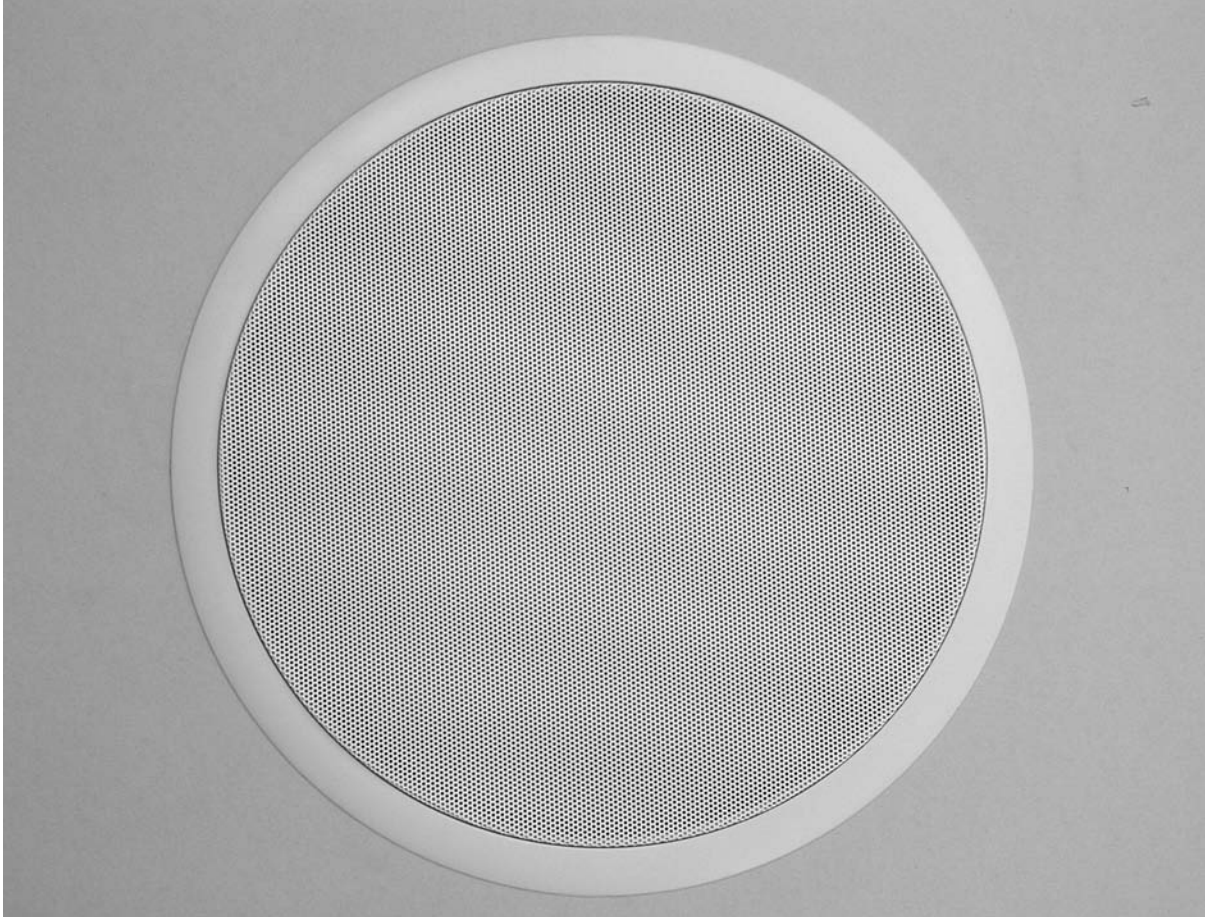


Figure 4. Push the SC-600 In-Ceiling Grille into the grille basket.

New Construction

1. Designate a suitable location for for the installation of the Velodyne in-ceiling subwoofer, during the framing construction. Mark the driver location by stapling the mud ring template across the ceiling beams centered at the designated location.
2. Using the cut-out template, cut a hole in the ceiling material to match the mud ring location.
3. Install the sheet rock. Do not remove the mud ring.
4. Follow the “Existing Construction Installation” steps 5-8 to complete the installation of the grille.

SPECIFICATIONS

SPECIFICATIONS	SC-600 In-Ceiling Grille
Frame	High strength ABS plastic
Grille	Paintable aluminum alloy
Grille Dimensions	12"
Cut-out Dimensions	11"
Warranty (parts/labor)	Five years (for normal usage)
Shipping Weight (approx.)	5 lbs. (2.3 Kg)

LIMITED WARRANTY - U.S. AND CANADA ONLY

VELODYNE ACOUSTICS, Inc. ("VELODYNE") warrants all electronics for a period of three years, drivers for a period of five years, and full range speakers for a period of five years. All VELODYNE products have a warranty from the date of purchase against defects in materials and workmanship subject to the following conditions:

1. VELODYNE is not responsible for defects which result from the use of an amplifier or controller other than the one originally supplied with the unit (subwoofer) or defects which result from modifications or repairs made by any component of the system by anyone other than a VELODYNE factory authorized service representative.
2. This warranty is void if any repairs or service covered by the terms of this warranty are made to any component of the system by anyone other than a VELODYNE factory authorized service representative.
3. VELODYNE is not responsible for damage caused by accidents, abuse, misuse, natural or personal disaster or unauthorized modification. The VELODYNE products are not intended for professional or commercial use and VELODYNE is not responsible for damage resulting from such use.
4. The VELODYNE product warranty is limited to units that are purchased from authorized VELODYNE dealers and finalized within authorized dealer locations.
5. This warranty is nontransferable under any condition.
6. Use of this product outside the U.S. and Canada voids this warranty.

TO OBTAIN SERVICE

Information regarding service may be obtained from the dealer from whom you purchased the unit, or by contacting VELODYNE customer service. Warranty service must be performed by a VELODYNE factory authorized service representative within the warranty period set forth above. If VELODYNE determines the unit is defective, VELODYNE will, at VELODYNE's option, repair or replace the product at no charge if the product is forwarded prepaid to a factory authorized service representative. Products forwarded to the factory authorized service representative should be shipped securely and properly packaged, insured and freight prepaid.

WARRANTY OUTSIDE THE UNITED STATES AND CANADA

The Warranty of this product if it is sold to a consumer outside of the United States or Canada shall comply with applicable law and shall be the sole responsibility of the distributor that supplied this product. To obtain any applicable warranty service, please contact the dealer from which you purchased this product, or the distributor that supplied this product.

120V

DD® Series

DD-10
DD-12
DD-15
DD-18

*Digital Drive 1812
Signature Edition*

DEQ-R Series

DEQ-8R
DEQ-10R
DEQ-12R
DEQ-15R

DLS™-R Series

DLS-3500R
DLS-3750R
DLS-4000R
DLS-5000R

Impact Series

Impact-Mini
Impact-10
Impact-12

MicroVee™

MiniVee®
MiniVee® 10

SMS™-1

SPL-R® Series

SPL-800R
SPL-1000R
SPL-1200R
SPL-1500R

**SubContractor™
Series**

SC-1250
SC-10
SC-12
SC-15
SC-IW
SC-IF/IC
SC-600 Amp
SC-600 IW
SC-600 IF/IC

VX Series

VX-10®

230V

DD® Series

DD-10
DD-12
DD-15
DD-18

*Digital Drive 1812
Signature Edition*

CHT-Q Series

CHT-8Q
CHT-10Q
CHT-12Q
CHT-15Q

Impact Series

Impact-Mini
Impact-10
Impact-12

MicroVee™

SMS™-1

SPLi Series

SPL-800i
SPL-1000i

SPL-R® Series

SPL-800R
SPL-1000R
SPL-1200R
SPL-1500R

**SubContractor™
Series**

SC-1250
SC-10
SC-12
SC-15
SC-IW
SC-IF/IC
SC-600 Amp
SC-600 IW
SC-600 IF/IC

VX-10 Series II

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