

# D SERIES

Surface Mount  
Loudspeakers

Installation and  
Operation Manual



## MODELS

DS5 5" Full-Range

DS8 8" Full-Range



# Introduction & Product Description

Thank you for your choice of Community's D SERIES Surface Mount Loudspeakers.

D SERIES Surface Mount models have a unique, modern-looking streamlined architectural design. Their black or white cabinets are easy to customize since they accept a wide variety of paints. For durability and improved sonic quality, the cabinets have thick-wall, internally-reinforced ABS plastic construction. This high-impact strength construction reduces resonances, and the rounded surfaces further reduce the resonances that occur in flat-sided cabinets.

Each model is shipped as a matched pair of completely assembled loudspeakers, including everything needed for standard installations. The DS5 and DS8 are full-range models, each with high and low frequency drivers and built-in crossover networks.

You can use 8 ohm or constant voltage distribution with the built-in 70/100 volt autoformer. Power is easy to adjust using a front-accessible power tap switch.

We urge you to read these instructions carefully and familiarize yourself with the features and installation methods before you begin the job. If you have any questions or concerns, please contact Community.

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Community Professional Loudspeaker products bearing the CE label meet all the requirements in the EMC directive 2014/30/EU laid down by the Member States Council for adjustment of legal requirements, furthermore the products comply with the rules and regulations referring to the electromagnetic compatibility of devices from 16 April 2016.

The Community Professional Loudspeaker products bearing the CE label comply with:

- Low Voltage Directive 2014/35/EU
- Waste from Electrical Equipment Directive 2002/96/EC RoHS

The Declaration of Conformity statement is available upon request. Technical specifications for products can be found at [www.communitypro.com](http://www.communitypro.com)

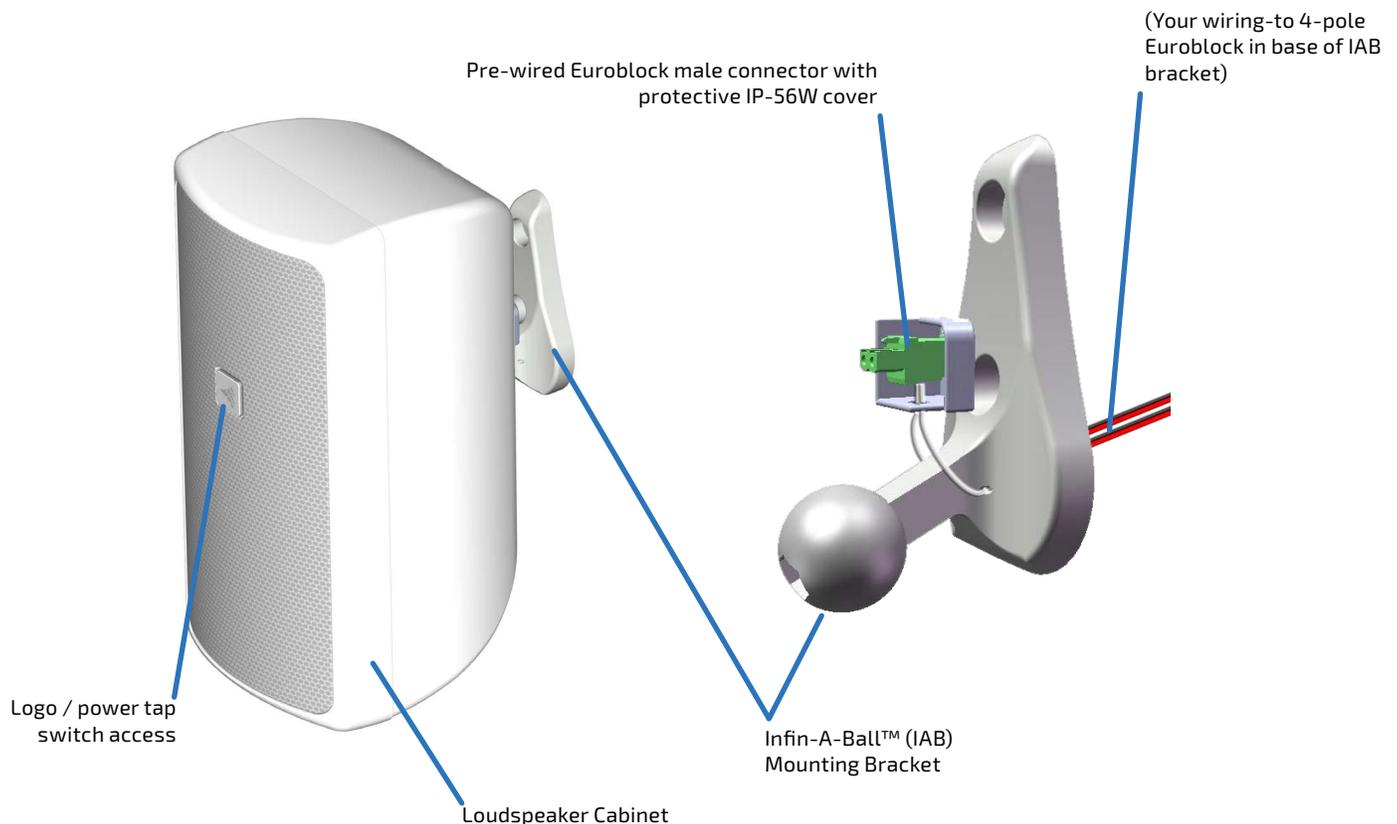
# Packing List and Feature Identification

Community D SERIES Surface Mount Loudspeakers are engineered and manufactured to be rugged and they are carefully packed in sturdy cartons. However, it is wise to thoroughly inspect each unit after it has been removed from the packaging, as damage could occur during shipping.

Please note that once the shipment has left your dealer or the Community factory, the responsibility for damage is always borne by the freight company. If damage has occurred during shipping, you must file a claim directly with the freight company. It's very important to contact the freight company as soon as possible after receiving your shipment, as most freight companies have a short time limit within which they will investigate claims. Make sure to save the carton and the packing material, as most claims will be denied if these materials are not retained.

Although we illustrate a single loudspeaker below to show the included parts, in fact these loudspeakers are shipped in pairs. For a given model, this is what's included:

- Surface Mount Loudspeakers (2)
- Infin-A-Ball™ Mounting Brackets (2)
- Logo Plates / Tap Switch Covers (2)
- Hex Wrench (1)
- Small Flat Screwdriver (1)



# Important Safety Instructions

Always follow these basic safety precautions when using or installing *D SERIES Surface Mount Loudspeakers* and accessories:

- Read these instructions.
- Keep these instructions.
- Heed all warnings.
- Follow all instructions, particularly those pertaining to rigging, mounting, hanging and electrical connections.
- Do not use this apparatus near water.
- Clean only with dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instruction.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Only use attachments/accessories that are specified and approved by the manufacturer.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

The terms caution, warning, and danger may be used in this manual to alert the reader to important safety considerations. If you have any questions or do not understand the meaning of these terms, do not proceed with installation. Contact your local dealer, distributor, or call Community directly for assistance. These terms are defined below:



**CAUTION:** describes an operating condition or user action that may expose the equipment or user to potential damage or danger.



**WARNING:** describes an operating condition or user action that will likely cause damage to the equipment or injury to the user or to others in the vicinity.



**DANGER:** describes an operating condition or user action that will immediately damage the equipment and/or be extremely dangerous or life threatening to the user or to others in the vicinity.

These servicing instructions are for use by qualified service personnel only. To reduce the risk of fire or electric shock do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.

# L'information de Sûreté Importante

Respectez toujours ces précautions de sécurité de base lors de l'utilisation ou lors de l'installation des haut-parleurs *D SERIES Surface Mount* et de ces accessoires :

- Lisez et Gardez les instructions.
- Observez tous les avertissements.
- Suivez toutes les instructions, particulièrement ceux concernant le calage, support, montage et raccordements électriques.
- Ne pas utiliser cet appareil près de l'eau.
- Nettoyez seulement avec un tissu sec.
- Ne pas bloquer les ouvertures de ventilation. Installer conformément aux instructions du fabricant.
- Ne pas installer près des sources de chaleur comme les radiateurs, les cuisinières, foyers ou autres appareils (y compris les amplificateurs) qui peuvent produire de la chaleur.
- Utilisez seulement les accessoires qui sont spécifiés et approuvés par le fabricant.
- Référez tout entretien au personnel qualifié de service. Ceci est exigé quand l'appareil a été endommagé de quelque façon, incluant le fil d'alimentation et ou l'embout du fil a été endommagé, des liquides ont été renversés ou des objets sont tombé à l'intérieur de l'appareil, l'appareil a été exposé à la pluie ou l'humidité, l'appareil ne fonctionne pas normalement ou a été échappé.

Les termes attention, avertissement, et danger peut être utilisés dans ce manuel pour alerter le lecteur aux considérations importantes de sûreté. Si vous avez des questions ou ne comprenez pas la signification de ces termes, ne procédez pas à l'installation. Contactez votre détaillant, distributeur, ou Community directement pour assistance. Les termes sont définies ci-dessous:



**ATTENTION:** décrit une condition de fonctionnement ou une action d'utilisateur qui peuvent exposer l'équipement ou l'utilisateur aux dommages potentiels ou au danger.



**AVERTISSEMENT:** décrit une condition de fonctionnement ou une action d'utilisateur qui peuvent causer des dommages probable à l'équipement et/ou à l'utilisateur et à ceux se trouvant à proximité.

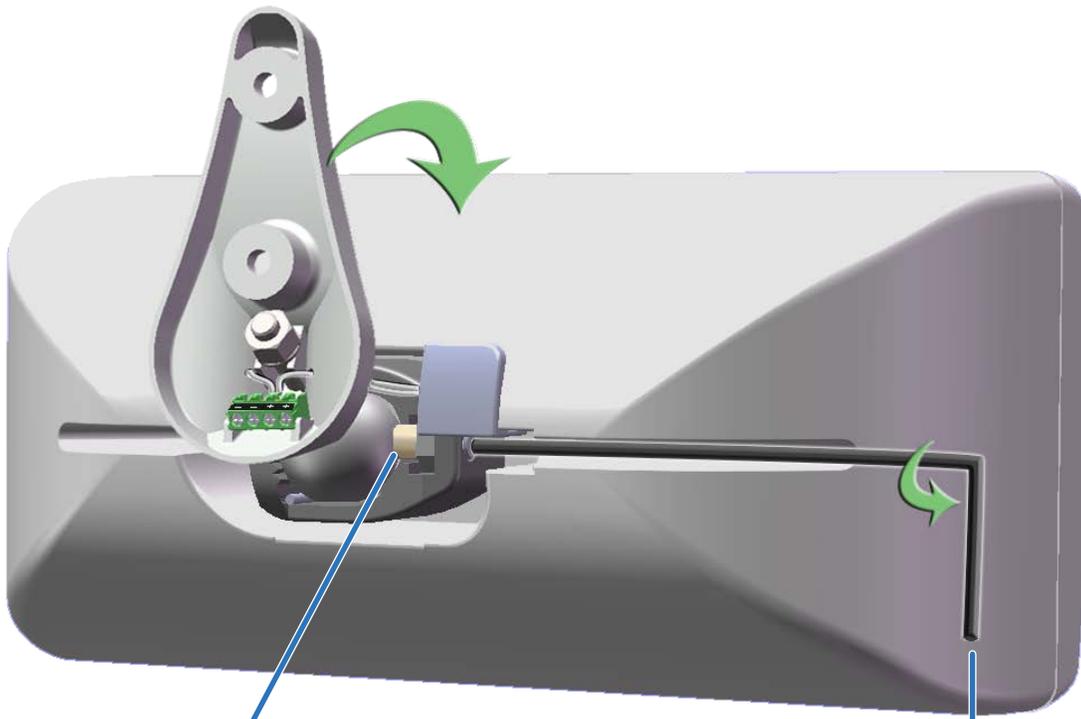
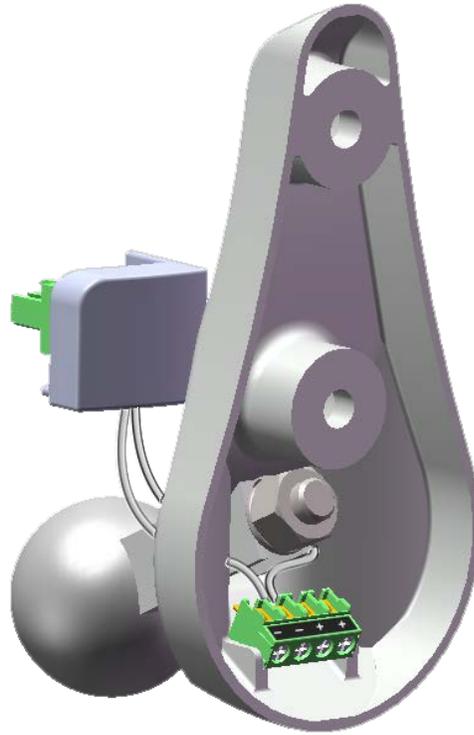


**DANGER:** décrit une condition de fonctionnement ou une action d'utilisateur qui endommageront immédiatement l'équipement et/ou seront extrêmement dangereuses et qui peut représenter un danger pour la vie à l'utilisateur et à ceux se trouvant à proximité.

Ces instructions d'entretien sont pour l'usage d'un personnel de service qualifié seulement. Pour réduire le risque de feu ou de décharge électrique n'exécutez aucun entretien autrement que ce qui est contenu dans les instructions d'opérations à moins que vous êtes qualifié pour le faire.

# Infin-A-Ball™ Mounting System

Community's *Infin-A-Ball™* (IAB) mounting system allows low-profile mounting and precise aiming over a broad tilt-swivel range. The IAB ball-mount receptacle is preinstalled in the rear of the cabinet, and after placing the loudspeaker onto the IAB bracket, you need only to twist the included hex wrench to lock any position. The IAB bracket has factory-installed internal wiring with an internal 4-pole Euroblock connector in its base (for neat loop-through connections) and a 2-pole male Euroblock plug near the ball end for connection to the cabinet. An IP-56W wiring cover is also pre-installed, providing snap-on weather-resistant protection.



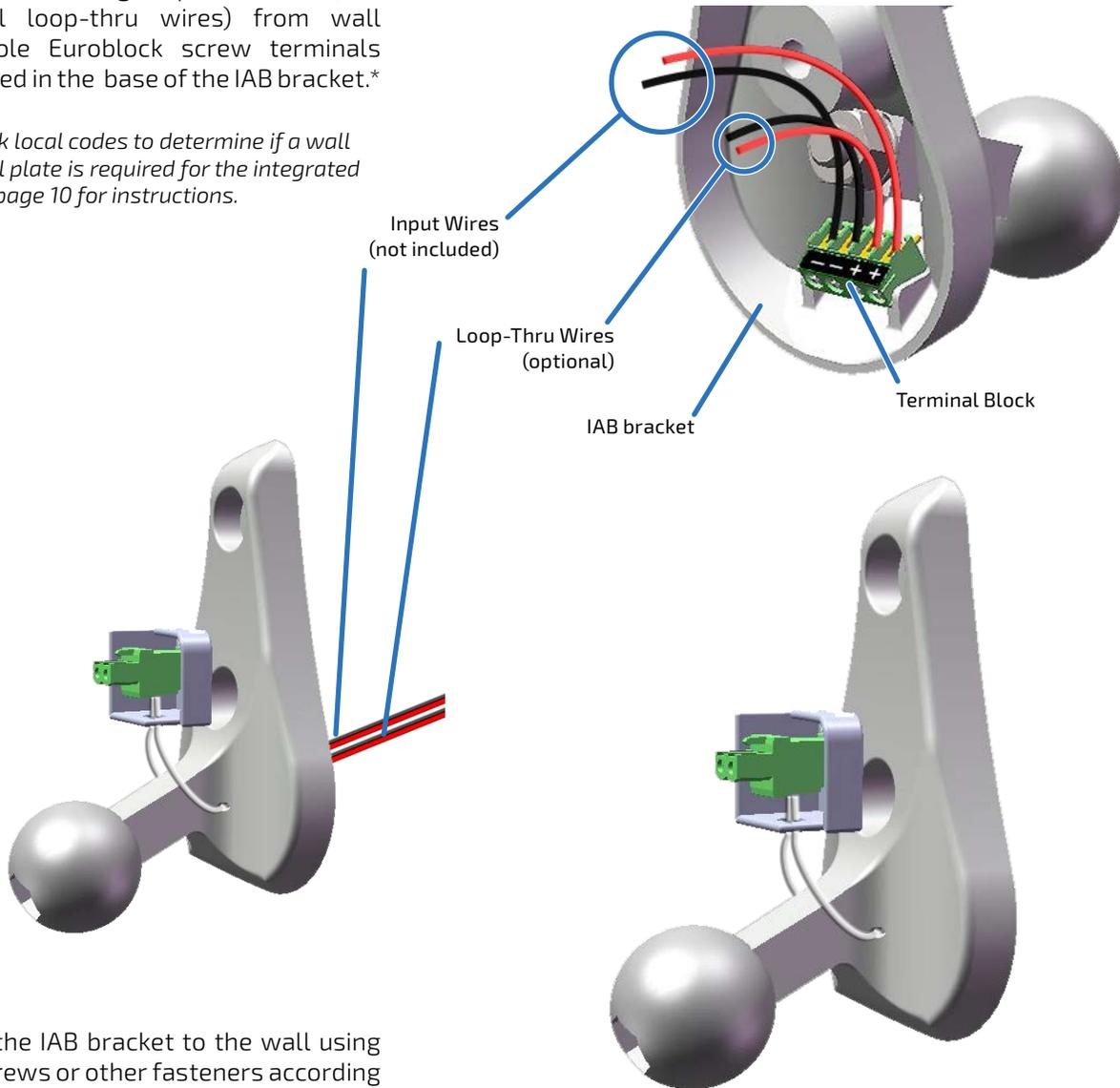
Clamping screw pressed against ball end of IAB bracket.

Loosen clamp using provided hex wrench, rotate loudspeaker cabinet to desired position, then tighten clamp to lock

# Installation and Wiring

1. Connect incoming input wires (and optional loop-thru wires) from wall to 4-pole Euroblock screw terminals concealed in the base of the IAB bracket.\*

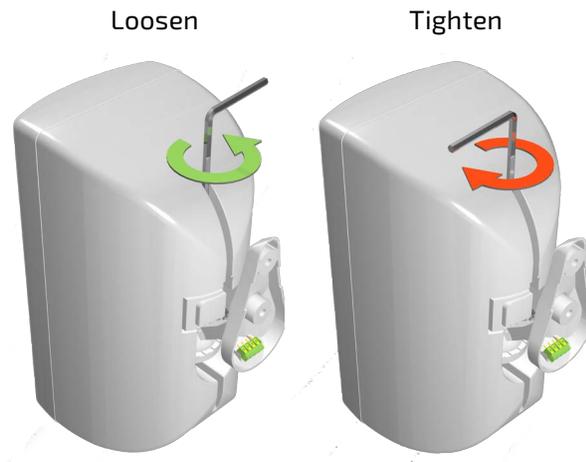
**\*Note:** Check local codes to determine if a wall box or metal plate is required for the integrated wiring. See page 10 for instructions.



2. Secure the IAB bracket to the wall using your screws or other fasteners according to local building and safety codes.

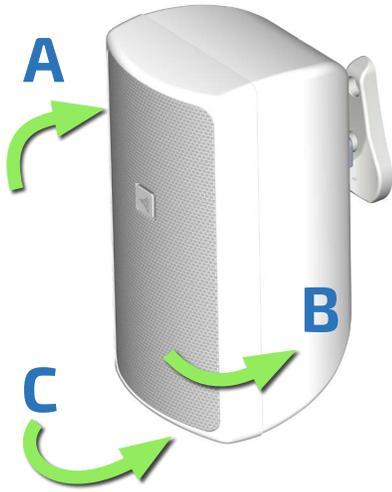
3. Insert the hex wrench into the socket near the rear of the loudspeaker cabinet, and turn counterclockwise to loosen the clamp setscrew.

4. Fit the cabinet onto the IAB bracket's ball-end, then tighten the clamp sufficiently to hold the loudspeaker in place, but allowing for positional adjustment.

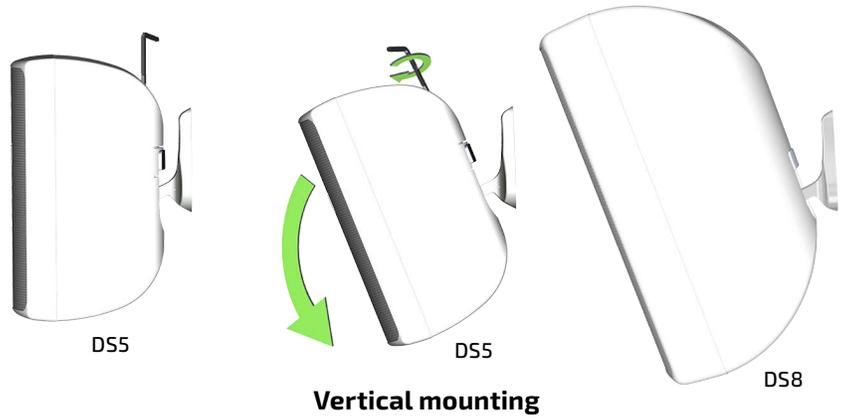


# Installation and Wiring (continued)

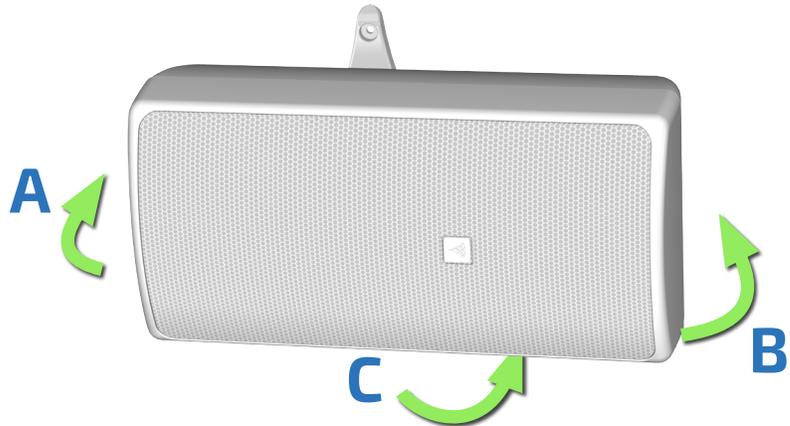
5. Adjust the cabinet position by rotating and tilting as desired. Then firmly tighten the locking screw with the provided hex wrench.



**Vertical mounting rotation**



**Vertical mounting**



**Horizontal mounting rotation**

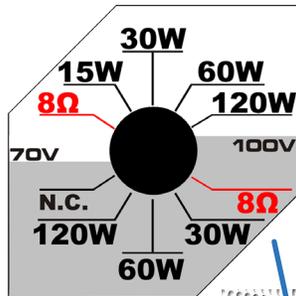
Vertical Mount Maximum Aiming Angle		
	DS5	DS8
<b>A</b>	39°	39°
<b>B</b>	39°	39°
<b>C</b>	31°	33°

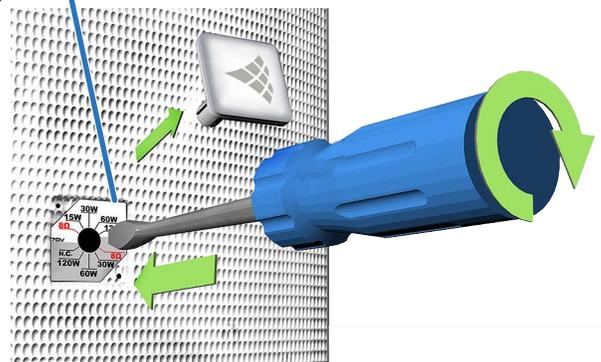
Horizontal Mount Maximum Aiming Angle		
	DS5	DS8
<b>A</b>	8°	8°
<b>B</b>	20°	11°
<b>C</b>	64°	59°

6. Firmly press the logo plate over the tap switch so it is oriented correctly for the installed orientation (see example below). The logo should point left.

7. Once you have connected the wiring (next page), you can still remove the logo plate for access to the recessed tap-adjustment screw to set the power level for the individual loudspeaker as shown at right. It can be removed by prying up carefully with a small flat screwdriver (provided with the loudspeaker). After adjustment, push the logo plate (oriented correctly) into place, flush with the grille.



**Note:** The enlarged label shows the 70-volt/100-volt and 8 ohm power tap settings for the DS8. (Available settings vary with model.) With 100-volt distribution, do not use the N.C. setting.



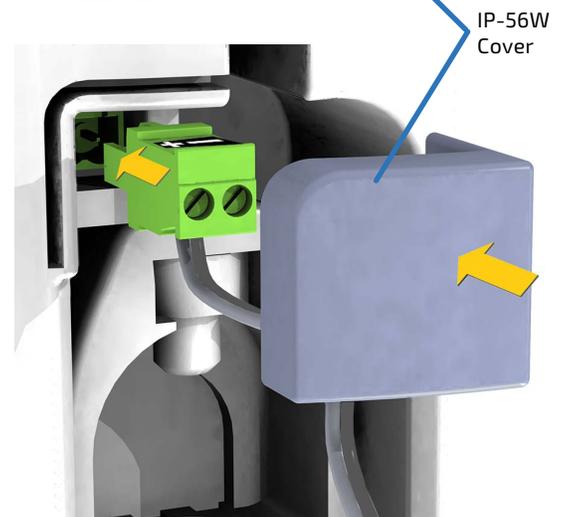
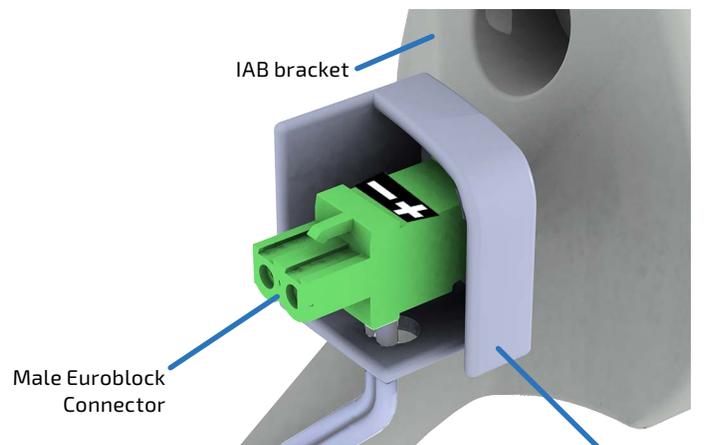
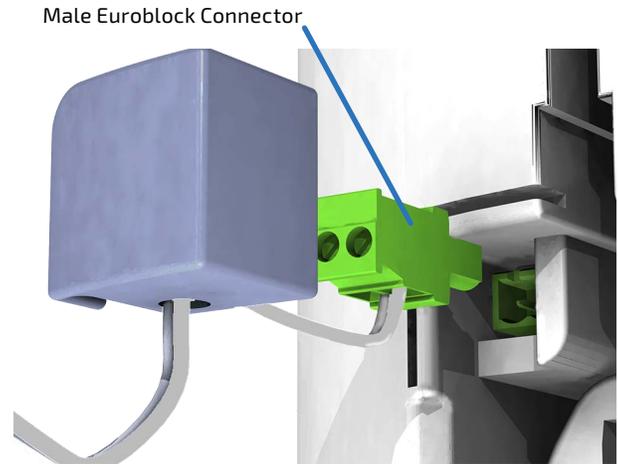
**Note:** The tap switch can only be adjusted using a flat-blade screwdriver such as the one provided with the loudspeaker.



**Correct orientation of logo plate**

## Installation and Wiring (continued)

8. Insert the 2-pole male Euroblock connector that is pre-wired to the IAB bracket into the mating female connector on the back of the loudspeaker cabinet.
9. Then press the IP-56W protective cover into place to seal the connection and make it weather-resistant. No tool is needed for the cover; just snap it in place.
10. A safety cable attachment loop is built into the rear of the loudspeaker cabinet as shown here. You can use this to attach a suitable safety cable as may be required by local building and safety codes or in accordance with best installation practices.

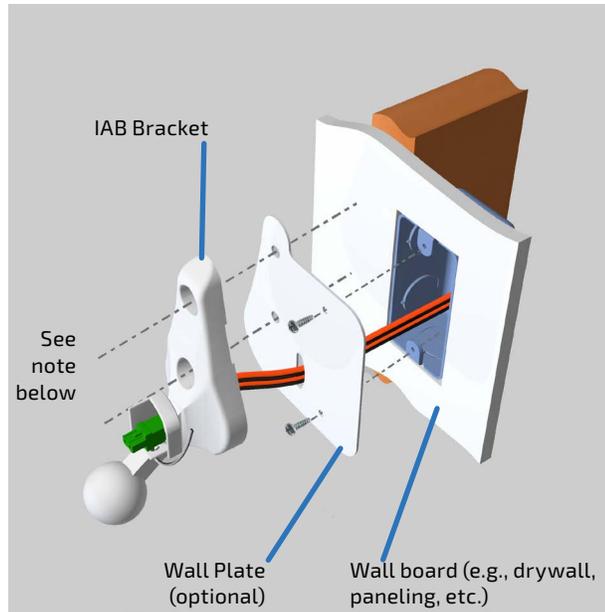


**Note:** All electrical and mechanical installation connections for loudspeaker lines are subject to all applicable governmental building and fire codes. The selection of appropriate electrical and mounting hardware to interface with D SERIES Surface Mount Loudspeakers lies solely with the installation professional. Community recommends that an appropriately licensed engineer, electrician, or other professional identify and select the appropriate conduit, fittings, wire, etc. for the installation.

## Wall Box Mounting (optional)

While Community does not require or include a wall box or mounting plate with the loudspeakers, local building and safety codes may specify these items. If necessary, you can mount the IAB bracket as shown here. The DS-WMP wall mount plate shown is an accessory, available from Community. Use appropriate mounting hardware and fasteners, and install per the steps below, making sure the installation is in accordance with the applicable codes.

1. Pull the wires through the cutout in the wall plate.
2. Attach the wall plate to the box using the provided screws.
3. Secure the wires to the connector in the base of the IAB bracket.
4. Attach the IAB bracket to the wall using an appropriate mounting method.\*



*\*Note: The fasteners that secure the IAB bracket are to be specified and provided by the installer.*

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## Painting the Loudspeaker

### Type of Paint

These loudspeakers' ABS plastic cabinets accept almost any type of latex or enamel (oil based) paint. We recommend application of two coats. Note however that painting the grille requires spray painting.



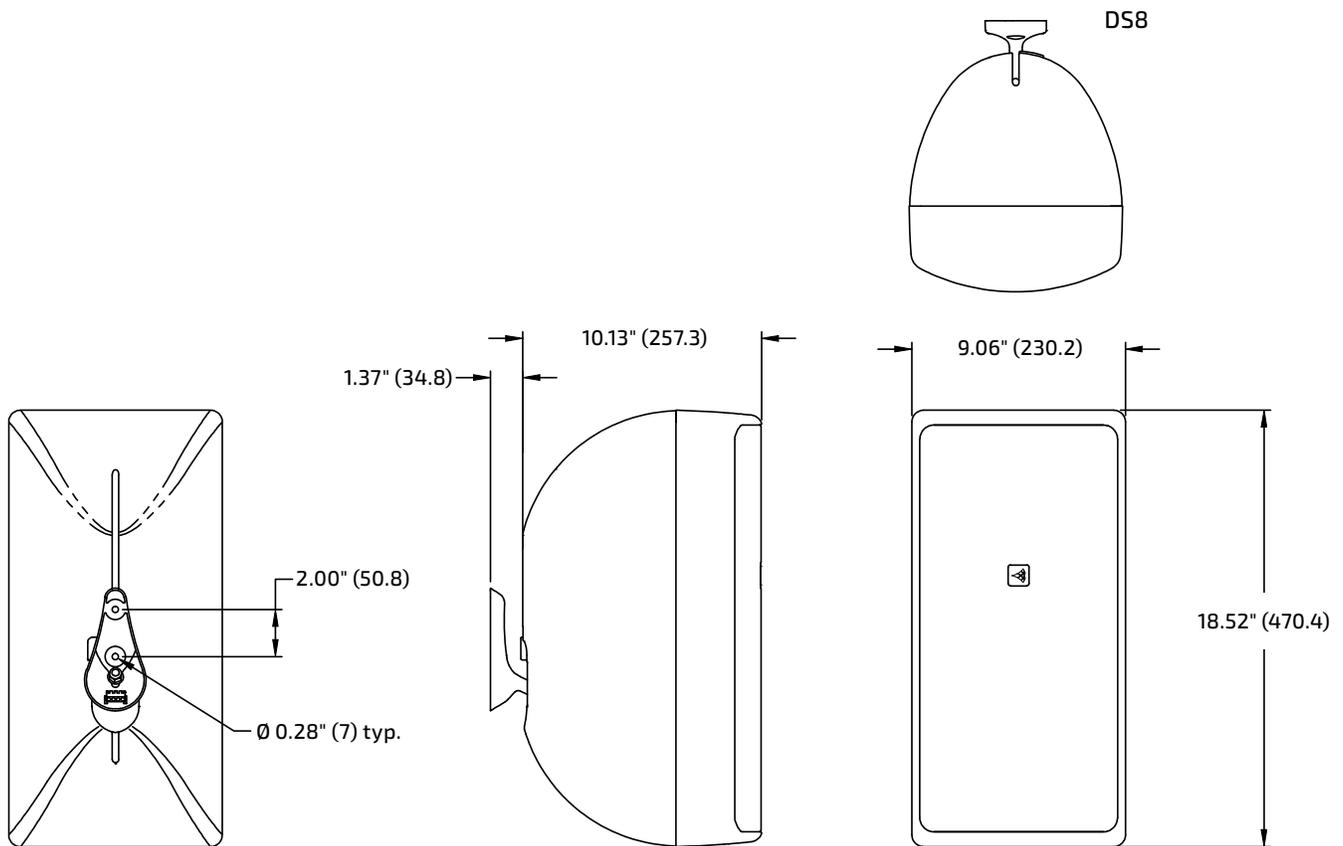
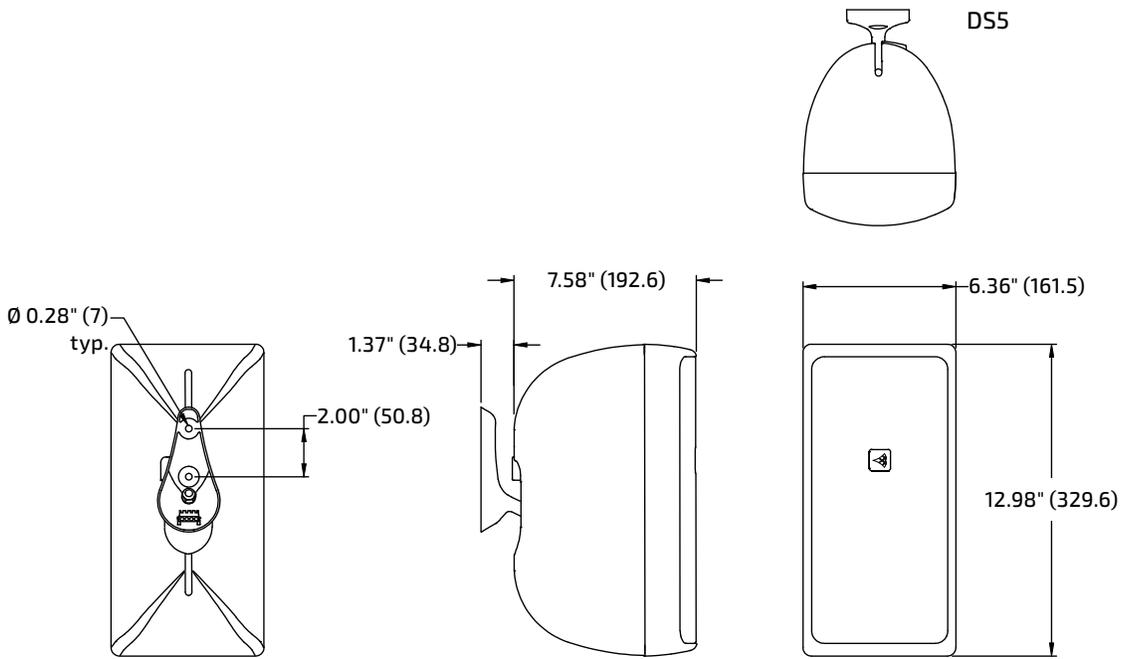
**Caution:** NEVER use abrasives, gasoline, kerosene, acetone, methyl ethyl ketone (MEK), paint thinner, harsh detergents or other chemicals. These chemicals and agents may permanently damage the finish. Some are also toxic and highly flammable.

### Painting Process

Follow this procedure to obtain the best results:

1. Remove the grille.
2. Clean the grille assembly and the loudspeaker cabinet by rubbing them with a lightly dampened cloth. **Do not** use abrasives such as sandpaper or steel wool.
3. Mask the loudspeakers so that the surrounds, cones and center areas will not receive any paint. We advise against using conventional masking tape and NEVER use duct tape in this application; these kinds of tape generally leave adhesive residue that can be difficult to remove and that may actually cause damage. Painters tape is best.
4. After cleaning, apply two or more thin coats of either latex or oil-based paints. Latex paint will adhere better if an oil-based primer is used first. Apply the paint with a roller or brush, or spray it on, except as noted below.
5. Use **ONLY** spray paint on the grille assembly; using a roller or brush to paint the grille is apt to cause its metal perforated holes to become clogged with paint. The grille should be painted separately, when it is **not** in place on the loudspeaker.

# Drawings / Dimensions



# Warranty Information and Service

## Transferable warranty "(Limited)" valid in the USA only

The D SERIES Loudspeaker Systems are designed and backed by Community Professional Loudspeakers. For complete warranty information within the USA please refer to the Community website. Please call 610-876-3400 to locate your nearest Authorized Field Service Station.

For Factory Service call 610-876-3400. You must obtain a Return Authorization (R/A) number prior to the return of your product for factory service.

## Warranty information and service for countries other than the USA

To obtain specific warranty information, visit the website at [communitypro.com/warranty](http://communitypro.com/warranty). To obtain available service locations for countries other than the United States of America, contact the authorized Community Distributor for your specific country or region.

## Shipping damage

If the product is damaged during transit you must file a damage claim directly with the freight company. Be sure to save the carton and packing materials, as damage claims can be denied if these materials are not retained. If evidence of physical damage exists upon arrival, be cautious before signing a delivery acceptance receipt. Often, the fine print will waive your right to file a claim for damage or loss after you sign it. Make sure that the number of cartons shown on the freight documents have actually been delivered.

## Find the latest online

The latest version of this manual and the most recent product information is always available at Community's website: [www.communitypro.com](http://www.communitypro.com)

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