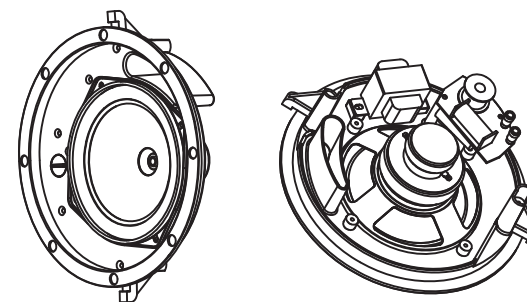


Coaxial In-Ceiling Loudspeaker

for Installation Applications



Model

STCS-4N-PAIR

STCS-6N-PAIR

STCS-8N-PAIR

Description

4.5" 2-way coaxial

6.5" 2-way coaxial

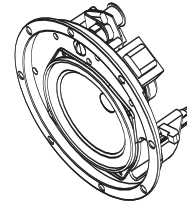
8" 2-way coaxial

IMPORTANT SAFETY INSTRUCTIONS

1. Read all safety and operating instructions before using this product.
2. All safety and operating instructions should be kept for future reference.
3. Read and understand all warnings listed on the operating instructions.
4. Follow all operating instructions to operate this product.
5. This product should not be used near water, i.e. Bath tub, sink, swimming pool, web basement etc.
6. Only use dry cloth to clean this product.
7. Do not block any ventilation openings, it should not be placed flat against a wall or placed in a built-in enclosure that will impede the flow of cooling air.
8. Do not install this product near any heat sources, such as, radiators, heat registers, stove or other apparatus (including heat producing amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The side blade or the third prong are provided for your safety if the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord being walked on or pinched particularly at Plugs, convenience receptacles and the point where they exit from the apparatus. Do not break the ground pin of the power supply cord.
11. Only use attachments specified by the manufacturer.
12. Use only the cart, stand, tripod, bracket, or table specified by the manufacturer or sold with the apparatus. When a cart is used use caution when moving cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Care should be taken so that objects do not fall and liquids are not spilled into the unit through the ventilation ports or any other openings.
15. 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.
16. **WARNING:** To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.
17. **Correct disposal of this product:** This symbol indicates that this product must not be disposed of with household waste, according to the national law. This product should be take to a collection center licensed for the recycling of waste electrical and electronic equipment. The mishandling of this type of waste could have a possible negative impact on the environment and human health due to potentially hazardous substances. At the same time, your cooperation in the correct disposal of this product will contribute to the efficient use natural resources. For more information about where you can take your waste equipment for recycling, please contact your local city office, or your household waste collection service.



In the package



Loudspeaker
(x2)

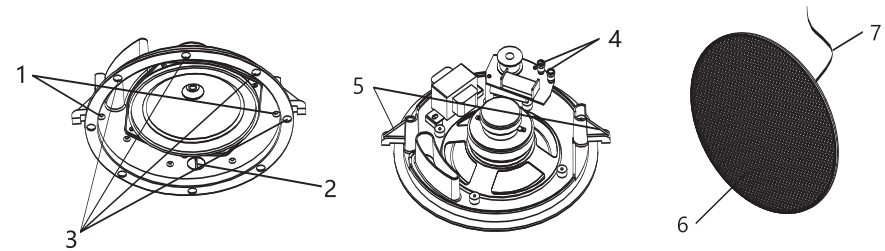


Grille
(x2)



User Manual
(x1)

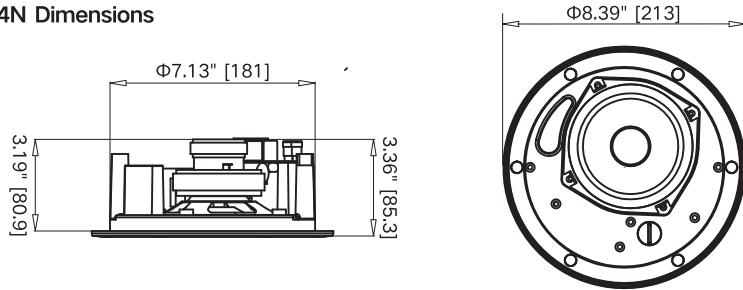
Component Identification



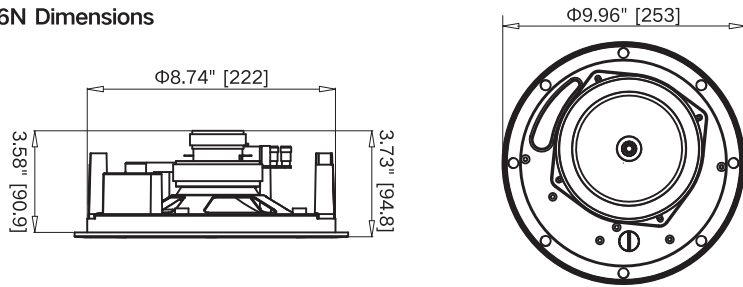
ITEM	IDENTIFICATION	ITEM	IDENTIFICATION
1	Phillips-head for Locking Clamp	5	Locking Clamp (Shown deployed)
2	Tap Switch (8 ohm / 70V /100V)	6	Grille
3	Grille Magnet	7	Grille Safety Cable
4	Input Terminal		

Dimensions

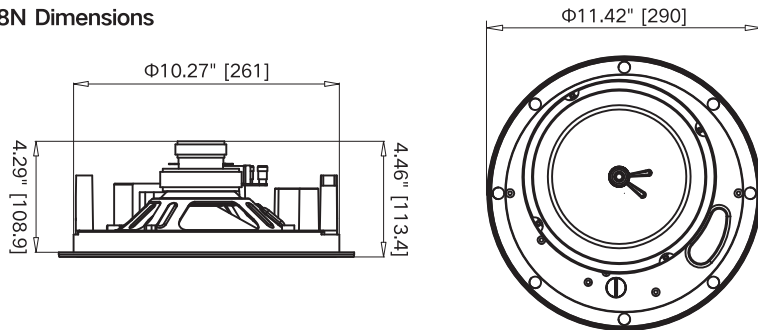
STCS-4N Dimensions



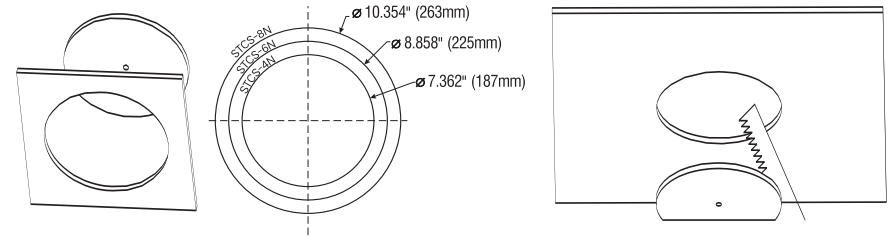
STCS-6N Dimensions



STCS-8N Dimensions

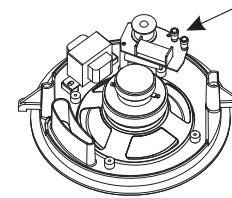


Installation

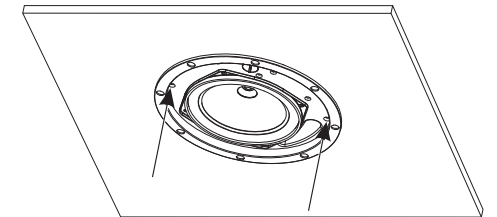


1. Use a cardboard and make a cutout template as above dimension.

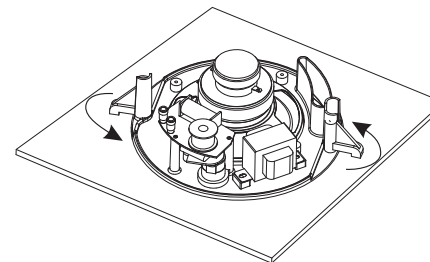
2. Mark the hole location on the ceiling tiles, using the cutout template to cut a hole to the precise size.



3. Wiring: For either single speaker or parallel speakers, connect the positive ends to the red post and negative ends to the black post.

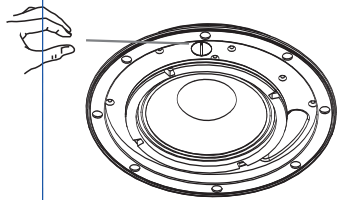


4. Make sure the locking clamps are parked tight against sides of the speaker and then slide the speaker into the hole. Locate the 2 phillips-head actuators around the perimeter of the speaker's front flange.

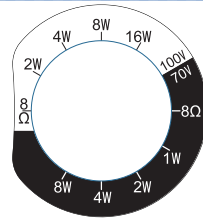


5. Using a #2 phillips screwdriver twist each actuator clock-wise until you feel resistance as the clamps press against the ceiling, and now the 2 locking clamp are in deployed position shown above.

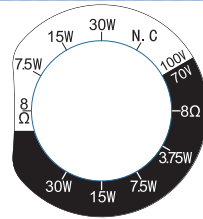
Installation



6. Twist to adjust the power control dial on the front face of the loudspeaker baffle.

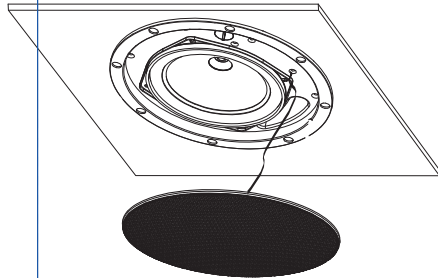


STCS-4N



STCS-6N/8N

7. Enlarged detail of typical adjustor dial are as shown above, you can make any of five different settings, although the dial has dual calibrations so at first glance it appears to have ten settings. The 8-ohm position is the same on both sides and is for a low impedance connection.



8. Before magnetic attaching the grille to the loudspeaker, please secure the safety cable. There is a nylon mono filament loop attached to the grille. And there is a small metal ring on the front face of the loudspeaker baffle. Use the metal clip to link the safety cable to the loudspeaker.

 Do not overtighten the safety cable!

Specifications

MODEL	STCS-4N	STCS-6N	STCS-8N
Type	4.5" Coaxial	6.5" Coaxial	8" Coaxial
Frequency Range (-10dB)	85~20kHz	70~20kHz	65~20kHz
LF Driver	1 x 4.5"	1 x 6.5"	1 x 8"
HF Driver	1 x 1" (coaxial)	1 x 1" (coaxial)	1 x 1" (coaxial)
RMS Power (8Ω)	50W	60W	80W
Program Power (8Ω)	100W	120W	160W
Sensitivity (1W/1 meter)	90dB	91dB	92dB
SPL	108dB	109dB	110dB
Nominal Impedance	8Ω	8Ω	8Ω
Dispersion	140° Conical	120° Conical	120° Conical
Available 70V Taps (watts)	8-4-2-1	30-15-7.5-3.75	30-15-7.5-3.75
Available 100V Taps (watts)	16-8-4-2	NC-30-15-7.5	NC-30-15-7.5
Low Impedance	8 Ω	8 Ω	8 Ω
Connector	Binding Post		
Grille	Powder Coated Steel Grille with Safety Clip		
Weight	1.88kgs, 4.2Lbs	2.1kgs, 4.6Lbs	2.3kgs, 5.1Lbs

How can we help you?

CONTACT OUR US-BASED SUPPORT TEAM

Simple or complex, your questions are important to us. For service, support or more information, please contact the Sound Town support team:

Email: support@soundtown.com