CS- & CSX- SERIES
Ceiling speakers

PRESENTATION

The PROPHON CS-Series consists of three sizes of coaxial 2-way ceiling speakers with passive crossover and a built in 100V line-trafo that enables all models to be run either in 8 ohm-version or 100V in 5W, 10W, 20W or 30W depending on model and configuration. Installing is made easy by the 3 adjustable fastening locks, that can be mounted on 8 mm to 30 mm thick ceilings or walls.
The drivers are protected with a fully covering perfored steel grille. CS502 consists of a 5"-woofer and a 0,75"-dome tweeter, CS602 consists of a 6" woofer and a 0,75"-dome tweeter, CS802 consists of a 8"woofer and a 1"-dome tweeter.

The PROPHON CSX-series have the same technical specifications, but an even better sound quality with higher sensitivity, and a back-cover with push-terminals and a select switch for easily choosing power-taps when installing.

INSTALLATION

Developed to satisfy the demand in a series of ceiling / in-wall speaker with a two-way fullrange sound for speach and recorded music. They are easy to install and have a well balanced sound. The PROPHON CS-series has been designed for use in shops, hospitals, schools, A/V-rooms, conference centers, malls, cruises, and other leisure facilities, where design, sound quality and flexibility are essential.
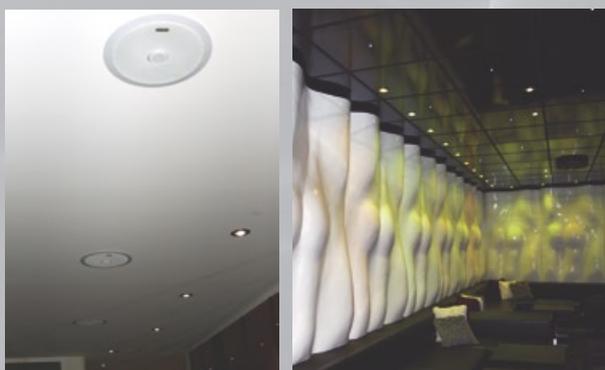
Features:
- 2-way coaxial design
- Easy to install with smart hardware
- superb sound quality with fullrange frequency responce, rich base and clear midrange
- Adjustable dispersion on tweeter
- built-in 100V trafo with different power taps
- Can be run in 8 ohm if bypassing the trafo
- Sleek design with only 65 - 85 mm. depth, depending on model

Applications:
- Bars and restaurants
- Shops and malls
- Public adress
- schools
- A/V rooms
- Conference centers
- Home cinema, and surround.

100V in Push-terminal color code

Connection guide 100V power tap CS-series

CS502 / CS602

Speaker in
Orange (+) positive   White (-) negative

Transformer

| Black Com - | Yellow 20W | Grey 15W | Green 10W |

INPUT FROM 100V AMPLIFIER

CS802

Speaker in
Orange (+) positive   White (-) negative

Transformer

| Black Com - | Yellow 30W | Grey 20W | Green 10W |

INPUT FROM 100V AMPLIFIER
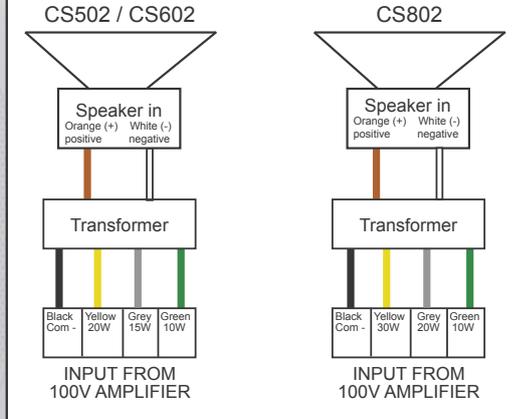
Above:
CSX-Series back cover
with push-terminals and power-tap

Below:
Depth (C) of the back-cover

C

DIMENSIONS CS-series

C, depth

D, mounting height

A, overall diameter

B, cutout
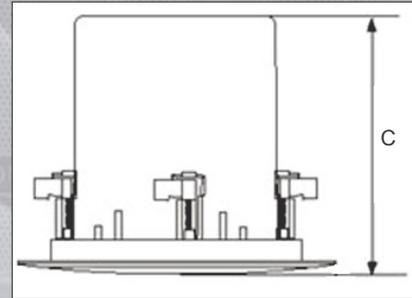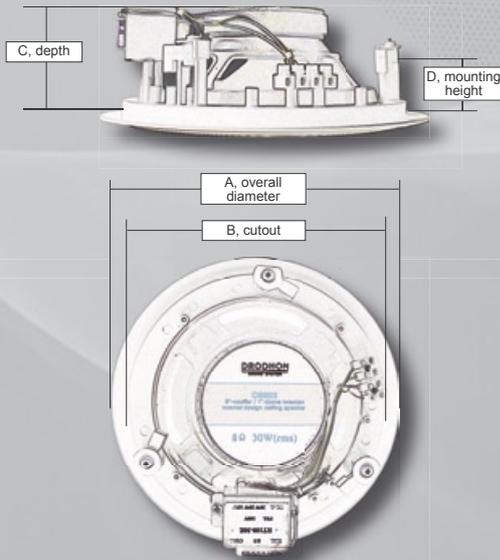
Frontgrille on the CSX-series

Technical specifications CS- & CSX- Series

MODEL	Components / design	Color	Measurements	Dispersion	*Power-taps CSX-series*	Wiring CS-series 100V / 8 ohm (color) =old version with terminal strips instead of puch connectors	Power Handling	Sensitivity @ 1W/1m. +-6dB	Weight
CS-502 / CSX-502	5"-woofer / 0,75"-dome tweeter, coaxial passive	White	A= 200 mm. B= 172 mm. C= 65 mm. / (CSX=135 mm) D= 8 - 30 mm.	80° conical	*Line in: 70V/100V 2,5W,/5W/10W/20W* *8 Ohm*	Green = 10W, (white) Grey = 15W, (blue) Yellow = 20W (green) Black = com (-) Bypass = 8 ohm	20W RMS	CS - 88dB CSX - 91dB	1,35 kg
CS-602 / CSX-602	6"-woofer / 0,75"-dome tweeter, coaxial passive	White	A= 230 mm. B=200 mm. C= 70 mm. (CSX=160 mm) D= 8 - 30 mm.	80° conical	*Line in 70V / 100V 3,8W/7,5W/15W/30W* *8 Ohm*	Green = 10W, (white) Grey = 15W, (blue) Yellow = 20W (green) Black = com (-) Bypass = 8 ohm	20W RMS	CS - 90dB CSX - 93dB	1,6 kg
CS-802 / CSX802	8"-woofer / 1"-dome tweeter, coaxial passive	White	A=260 mm. B=226 mm. C= 85 mm. (CSX=210 mm) D= 8 - 30 mm.	80° conical	*Line in: 70V/100V 5W/10W,/20W/40W* *8 Ohm*	Green 10W, (white) Grey 20W, (blue) Yellow 30W (yellow) Black com (-) Bypass 8 ohm	30W RMS	CS - 92dB CSX - 95dB	1,95 kg