

# CS100 IN-CEILING LOUDSPEAKER



The CS100 is a 3-Way speaker designed for in-ceiling installation. One 8" Copolymer Cone Woofer, a 3-1/2" Neo Copolymer cone midrange and a 1" aluminum dome tweeter are neatly designed into the 12-7/16" diameter frame. The unique design of the CS100 allows for L/R applications, L/C/R and/or surround sound.

The rotatable baffle allows sound field flexibility. For a more direct sound field, the midrange and tweeter baffle can be rotated toward the listening area. For a more diffuse sound field the same midrange and tweeter baffle can be rotated away from the listening area. So, if you set-up the system in one condition and decide to change to the other condition then this can be done without reinstalling the system.

For additional flexibility, the CS100 employs Boundary Compensation Circuitry in the crossover network. If the CS100 is positioned within 18" from a wall then the Boundary Compensation 'ON' will restore the bass response to 'flat'. If the CS100 is positioned beyond 18" from a wall then the Boundary Compensation 'OFF' will give the 'flat' response.

The CS100 loudspeaker elements and crossover components allow use with amplifiers up to 200 watts. In addition to the regular connections, the CS100 provides separate connections for bi-amplification hookup. Installation is flush against the ceiling and the paintable grille blends into the room's décor.

*"rich audio realism  
and dynamics with  
total application  
flexibility"*

Three-Way Loudspeaker  
One 8" DCDTM  
Copolymer Cone Woofer  
One 3-1/2" Neo  
Copolymer Cone Midrange  
One 11" VFR Aluminum  
Dome Tweeter

357° Baffle Rotation

High Power Handling

Bi-Amplification Hookup

Gold Plated Input Connectors

## McIntosh®

LEGENDARY™

# CS100 IN-CEILING LOUDSPEAKER

## SYSTEM DRIVER COMPLEMENT

One 8" DCDTM Copolymer Cone Woofer  
One 3-1/2" Neo Copolymer Cone Midrange  
One 1" VFR Aluminum Dome Tweeter

## IMPEDANCE

8-Ohms Nominal

## FREQUENCY RESPONSE

48Hz – 22kHz (+3dB)

## SENSITIVITY

89dB (2.83V/1m equivalent)

## POWER HANDLING

200 Watts Maximum

## OPERATING TEMPERATURE

41° to 95° F (5° TO 35° C)

## OPERATING HUMIDITY

30 to 85%

## OVERALL DIMENSION (H x W x D)

12-7/16" (31.6cm) x 12-7/16" (31.6cm) x  
6" (15.2cm)

## WEIGHT

8.3lbs (3.76 kg) net  
10.5 lbs (4.76 kg) in shipping carton

## UNIQUE TECHNOLOGY

The CS100 Loudspeaker System employs a unique design that permits the baffle to rotate up to 357° to direct the sound toward the listener to maintain proper sound stage.

## HIGH POWER HANDLING

The CS100 loudspeaker elements and crossover components flow for use with amplifiers up to 200 watts.

## VERSATILE OPERATION

In addition to the regular connections, the CS100 provides separate connections for bi-amplification hookups.

## GOLD PLATED INPUT CONNECTORS

The input connectors are gold plated for superior corrosion resistance and high electrical conductivity.

## FOR THE CONSUMER'S PROTECTION

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