

## MI 820

### GENERAL DESCRIPTION

The CSC MI 820 is a two-way, coaxial ceiling speaker having a 8" LF with a coaxially mounted tweeter to provide that extra clarity. This full range ceiling speaker is designed to provide exceptional sound reinforcement and is perfect for any public space which requires that extra low frequency extension. It features a powerful 8" (200 mm) low frequency driver and a coaxially mounted tweeter. The LF driver is coupled with the high frequency transducer through an optimally designed crossover. Its superb Off-axis coverage blends with seamless intelligibility. Excellent for most music and voice applications, it is capable of delivering incredible sound without any base masking. MI 820 is made using moisture resistant materials for safe use in restaurants, commercial spaces, malls and spaces where power and a no compromise quality is required. Paint them to match the décor and they disappear, leaving you with nothing but high performance sound. Installation of MI 820 is easy - cut one hole, feed the wires, and simply drop the speaker in.



### FEATURES

- ✓ Compact, high performance two-way ceiling speaker
- ✓ High power 40 Watt - maximum SPL 104 dB
- ✓ Frequency response from 75 Hz -to 15 kHz
- ✓ Brilliant for music and vocal propagation
- ✓ Very smooth off-axis response - usable out to 120° (-6dB)
- ✓ Fast, integral hardware

### SYSTEM APPLICATIONS

- ✓ Distributed audio/public address system
- ✓ Component for commercial and retail
- ✓ Hotels, shopping malls
- ✓ Education and religious establishments
- ✓ Hospitals and conference rooms
- ✓ Restaurants and bars

**SYSTEM SPECIFICATIONS**

Power handling	20 watt
Frequency Response	75 Hz-15 kHz $\pm$ 3 dB
Drivers	LF: 1 x8" (200 mm) LF, Coaxial HF tweeter
Sensitivity (1 Watt/1 meter)	90 dB
Maximum SPL	104 dB
Nominal Impedance	Selectable 8 Ohms or 70/100V line
Dispersion	120° conical
Enclosure	Aluminum/PVC
Protective Grille	Powder coated steel mesh
Standard Colours	White
Fittings	Mounting hole diameter
Horn	NA
Rated Continuous Power AES	Selectable 20/10/6 Watt

Mid highs measured on axis in full space @ 1 watt/1 meter using band limited pink noise. In the en-deavour to continuously improve the product with design refinements introduced into existing products. Any current CSC product may differ in some respect from its published description. However this will always equal or exceed the original design specifications. Every CSC product is built to the highest standards and tested to ensure that it meets the performance criteria specified.

**SAFETY INSTRUCTIONS**

- ÿ Ensure that there is enough clear space in the false ceiling to house the speaker.
- ÿ Take the template provided, position on the ceiling at the point where the speaker will be fitted, draw a circle and cut a hole in the ceiling to fit.
- ÿ Remove the grill from the speaker by gently pushing the mounting poles down until they ease the grill out, position the rear of the speaker facing into the hole.
- ÿ Connect the speaker to the system while ensuring that all connections are correct. Connect the power to mains and signal to the audio input.
- ÿ Turn the fixing points until the ends are located over the ceiling, tighten the screw until the speaker is clamped on to the ceiling.
- ÿ Replace the speaker grill.