



CIS120

High-Output Ceiling-Mounted Loudspeaker

DESCRIPTION

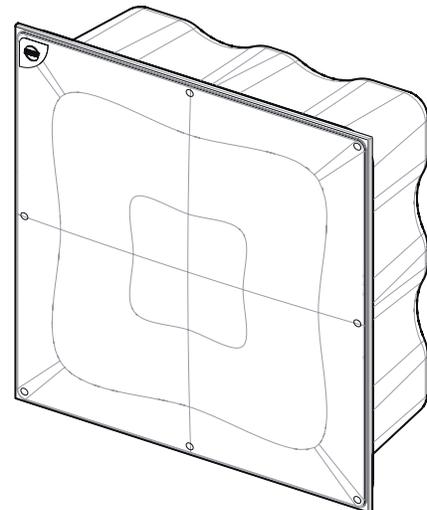
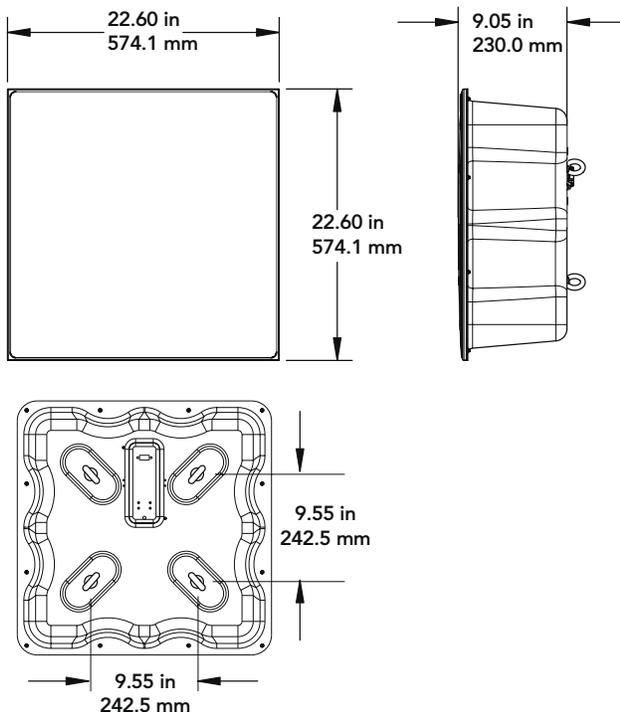
The CIS120 is a high output ceiling-mounted coaxial loudspeaker designed for fixed installation into high ceiling plenum spaces or open structures. Utilizing a 12" coaxial driver, the CIS120 delivers coherent point-source reproduction, as well as superior low-frequency dispersion. The result is superior full-range performance in any distributed loudspeaker system.

The CIS120 is supplied with an integral 70V/100V line transformer, rated to a maximum of 128 watts. Tap settings are adjustable by means of a recessed rotary switch on the front bezel, and allows selection of 128, 64, 32, and 16 watt taps at 70V, and 128, 64, and 32 watt taps at 100V. In addition, the transformer can be bypassed, presenting an 8-ohm load to low-impedance systems.

A sealed, painted, 18-gauge steel back can is square in shape, and designed to mount in a 24-inch ceiling grid. The back can includes a recessed Euroblock input connector, with detachable mating plug, concealed behind a hinged metal cover plate. A ceramic screw-terminal block is also present. Four eye-bolts fit to the back can, prior to suspending the assembly. The baffle/can assembly is shipped with the transducer installed. The powder-coated perforated steel grill is easily installed once the wattage tap has been selected.

Optional installation kits include a 4-piece cable kit AC-CK for suspension, and a 4-piece square trim ring kit AC-TRK to dress the baffle into suspended ceiling tile surrounds.

CIS120 DIMENSIONS



Features

- High output 12 inch LF, with coaxial 1 inch exit HF
- High speed intelligibility at high power levels
- Refined design and appearance
- Fast and easy installation
- Optional cable mounting kit AC-CK, and trim ring kit AC-TRK
- Integral 70V/100V transformer with power-tap selector
- Direct selector switch for 8 ohm operation
- Euroblock Phoenix-type inputs and screw terminal inputs, with through-outputs for easy parallel connections

Applications

- Foreground/background music systems
- Paging Systems
- Continuous-Duty Applications
- Sound Reinforcement Systems



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SPECIFICATIONS

PRODUCT DATA

Model Name:	CIS120
Part Number:	0025388

SPECIFICATION SHEET TABULAR DATA

Descriptive Data:	Ways	Type	Mode
	2-Way	Full-Range	Single Amp

CONFIGURATION

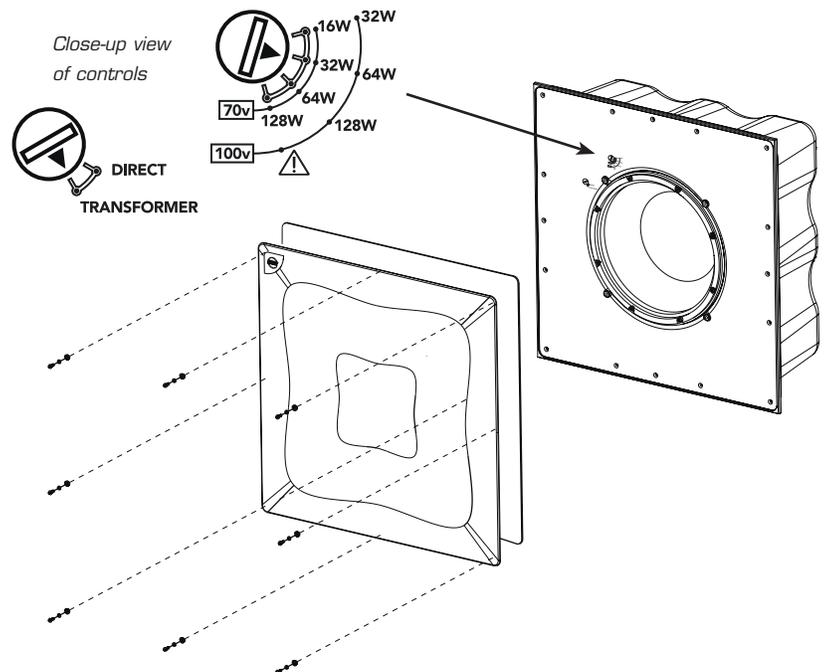
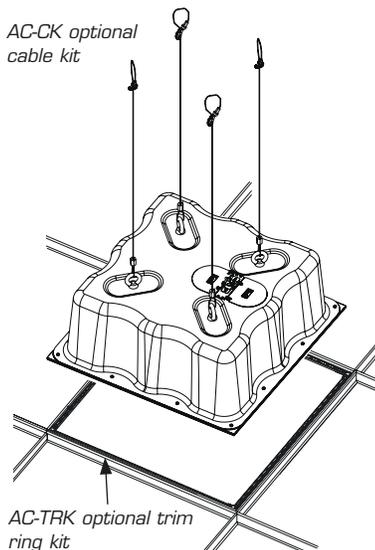
Subsystem Transducer	Loading
LH	1×12 in. cone — Sealed
HF	1×1 in. exit compression driver — Horn-loaded

PERFORMANCE

Operating Range:	72 Hz to 20000 Hz	
Nominal Beamwidth:	Horz 90°	Vert 90°
Axial Sensitivity (whole space SPL):	97 dB	
Peak Sensitivity (whole space SPL):	99 dB	
Power Taps 70 V:	128 W / 64 W / 32 W / 16 W	
Power Taps 100 V:	128 W / 64 W / 32 W	
Input Impedance (ohms):	Nominal 8 ohm	Minimum 6.8 ohm @ 200 Hz
Power Handling:	200 W	40 V @ 8 ohms
Calculated Maximum SPL:	Average 116 dB	Peak 122 dB

PHYSICAL

Height (front face):	22.60" / 574.1 mm
Width (front face):	22.60" / 574.1 mm
Depth (from face, backwards):	9.05" / 230.0 mm
Weight:	48 lb / 22 kg

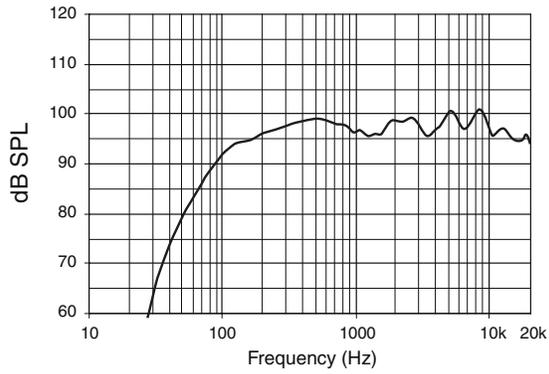




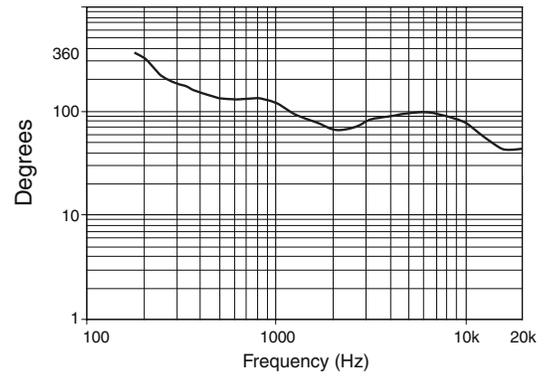
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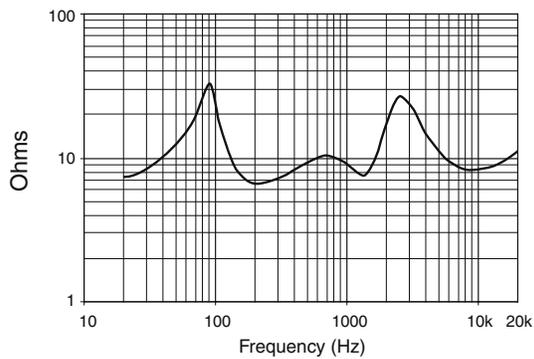
CIS120 AXIAL RESPONSE VS. FREQUENCY



CIS120 BEAMWIDTH VS. FREQUENCY



CIS120 IMPEDANCE VS. FREQUENCY





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CIS120 VERTICAL POLARS

