

CSL-6106/ CSL-6112/ CSL-6120

Features

- 6.5" full range transducer
- 6 W 12 W 20 W
- 70/100 V
- 74 mm shallow
- EN 54-24



CSL-6106, CSL-6112 and CSL-6120 are ceiling speakers specially designed for indoor public address applications. These are the ideal solution for theme parks, commercial centers, train stations, airports, car parks and other applications where message paging and background music are required. They are EN 54-24 compliant, so they can be used as part of a voice alarm system.

CSL speakers are equipped with a full range $6 \frac{1}{2}$ " (16.5 cm) transducer mounted on a robust metal chassis. It delivers sensational speech intelligibility and large frequency response for background music. The 100V line transformer delivers from 6 W to 20 W depending on the models.

The plastic dome is rated 5VB and protects the speaker against the fire and intrusive materials. The speakers are 60 mm shallow which is convenient when the space is limited in a solid or tile ceiling. The quick and easy setting is done by using spring hooks for a solid and safety installation.



Specifications

System type Ceiling Speaker Standard European Standard EN 54-24 /2008; Certification no. 1438-CPR Loudspeaker for voice alarm systems for fire detection and fire alarr Type A (Indoor applications) Environment Type Type A (Indoor applications) Transducer LF 6.5° full range paper 6.5° full range paper 6.5° full range paper Frequency Response 110Hz ~ 20kHz 10Hz ~ 20kHz 95Hz ~ 20kHz Rated Noise Power (100V and 70V line) (100V and 70V line) (100V and 70V line) (100V line) 1667Ω (6W) 833Ω (12W) 500Ω (2 400 (100V and 70V line) (100V line) 1667Ω (6W) 833Ω (12W) 500Ω (2 400 (100V and 70V line) (100V line) 1667Ω (6W) 833Ω (12W) 500Ω (2 400 (100V and 70V line) (100V line) 3333Ω (3W) 1667Ω (6W) 100Ω (2 400 (2W) 2000 Ω (2 400 (2W) (100V line) 3333Ω (3W) 1667Ω (6W) 833Ω (12W) 500Ω (2 400 (2W) 2000 Ω (2 400 (2W) (100V line) 1080 (12W) 245Ω (2 400 (100V line) 3333Ω (3W) 1667Ω (3W) 3000 (1 400 (2W) 245Ω (2 40 (2W) Sensitivity (500Hz - 5kHz pink noise)	
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(100Hz - 10kHz pink noise, according to EN54-24) 85dB (6W 4m) 87dB (12W 4m) 88dB (20W	V, 4m)
	W, 4m)
Max SPL (100Hz - 10kHz pink noise, converted based on EN54-24) 98dB (6W, 1m) 98dB (12W, 1m) 98dB (20W	W, 1m)
(500Hz) 180° 180° 180°	0
(1kHz) 180° 180° 180°	0
Coverage Angle (-6dB) (2kHz) 150° 150° 50°	د
(4kHz) 55° 55° 55°	د
Operating Temperature -10°C to +50°C	
Applicable Cable Solid wire: ϕ 0.8mm ² (18 AWG) UL2464	
Cable Connection Screw connector (steatite terminal x2) bridging	
Baffle: steel, painted	
Finish Grille: Steel net	
Fire Dome: 5VB plastic	
Mounting Bracket: trivalent chromate treatment plating	
Weight (incl. bracket and fire dome) 0.88kg 0.96kg 1.10k	kg
Dimensions ϕ 199 x 13mm (exposed section) + 74(D) mm	
Dimensions for Fixing Hole ϕ 178 mm (mounting hole) x 30 mm (maximum ceiling thickness) (ϕ	7" x 1.18

Specifications subject to modification without notice