



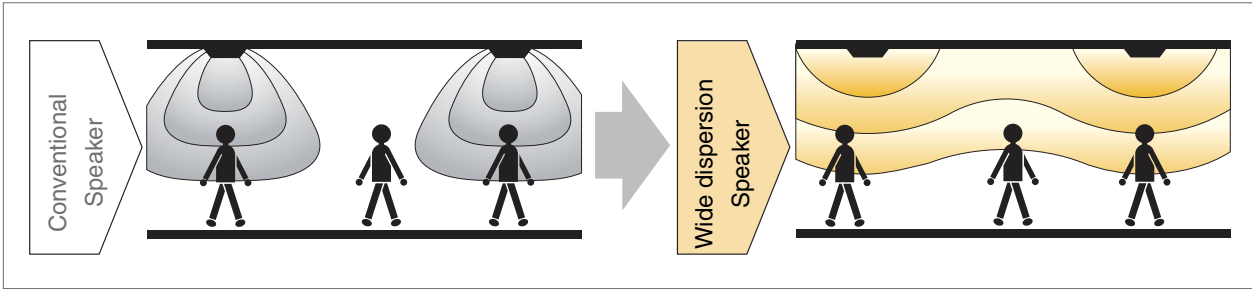
Wide- Dispersion Ceiling Speakers



Expanded listening coverage area through
extra-wide dispersion characteristics

Most noticeable has always been the high-frequency roll-off that resulted from limited speaker dispersion characteristics. Our ceiling speakers provides well-balanced audio reproduction without treble attenuation over an expanded listening area thanks to the extra-wide dispersion characteristics that are part of the overall speaker design.

Perceived speaker directionality and beaming tendencies are minimized, resulting in a natural, well-balanced sound over a wide area at all levels. Conventional speakers exhibit high frequency roll-off characteristics as the distance between speaker and listener increases. An ideal ceiling mounted speaker's response characteristics should include wide dispersion and non-frequency dependent directionality and this ceiling speaker series proves that.



6.5" coaxial 60w
Z-2852C



5" coaxial 30w
Z-2352C



5" coaxial 6w
Z-2352SC



4" full-range 6w
Z-1522SC



6" ceiling subwoofer 60w
ZS-FB2862C-AS



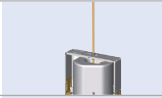
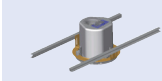
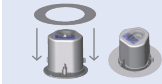
Specifications	Z-2852C	Z-2352C	Z-2352SC
Enclosure	Bass reflex type		
Rated Input	60W (High impedance)	30W (High Impedance)	6W
Power Handling Capacity	Continuous pink noise : 90W (8Ω)	Continuous pink noise : 60W (8Ω)	Continuous pink noise : 9W (8Ω)
	Continuous program : 180W (8Ω)	Continuous program : 120W (8Ω)	Continuous program : 18W (8Ω)
Impedance	100 V: 170Ω(60W), 330Ω(30W), 670Ω(15W), 3.3kΩ(3W)	100V: 330Ω(30W), 1kΩ(10W), 3.3kΩ(3W), 10kΩ(1W)	100 V: 1.7Ω(6W), 3.30Ω W, 1W, 0.5W
	70V: 83Ω(60W), 170Ω(30W), 330Ω(15 W), 670Ω(7.5W), 3.3kΩ(1.5W) 8Ω	70V: 170Ω(30W), 330Ω(15W), 1kΩ(5W), 3.3kΩ(1.5W), 10kΩ(0.5W) 8Ω	70V:6W, 3W, 1.5W, 0.5W, 0.25W
Sensitivity (1W, 1m)	91dB	90dB	89dB
Frequency Response	60Hz – 20kHz	70Hz – 20kHz	80Hz – 20kHz
Mounting Hole Diameter	ø250 mm	ø200mm	ø200mm
Speaker Component	Low: 16cm cone-type, High: Dome-type	Low: 12cm cone-type, High: Balanced dome-type	Low: 5" cone-type, High: Balanced dome-type
Finish	Enclosure: Steel plate, plating ; Baffle: Fire-resistant ABS resin (resin material grade: UL-94 V-0), black ; Rim : Fire-resistant ABS resin (resin material grade : UL-94 V-0), white, paint; Punched net : Steel plate, white, paint		
Weight	5.1kg (including mounting accessories)	3.7kg (including mounting accessories)	1.5kg (including panel)
Dimensions	ø280 x 227(D) mm	ø230 x 229(D) mm	ø230 x 154(D) mm

Specifications	Z-1522SC
Rated Input	6W
Power Handling Capacity	Continuous pink noise : 9W (8Ω)
	Continuous program : 18W (8Ω)
Tap Setting	100 V: 1.7kΩ(6W), 3.3Ω (3W) 70V: 830Ω(6W), 1.7kΩ(3W), 3.3kΩ(1.5W) 8Ω
Sensitivity (1W, 1m)	88dB
Frequency Response	65Hz – 18kHz
Mounting Hole Diameter	ø135mm
Speaker Component	10cm cone-type
Finish	Baffle: Fire-resistant ABS resin (resin material grade: UL-94 V-0), black ; Rim : Fire-resistant ABS resin (resin material grade : UL-94 V-0), white, paint; Punched net : Steel plate, white, paint; Dust proof bag: Artificial fiber, black
Weight	1kg (including panel)
Dimensions	ø155 x 117(D) mm



Specifications	ZS-FB2862C-AS
Rated Input	120W (High Impedance)
Power Handling Capacity	Continuous : 60W (8Ω)
	Continuous program : 120W (8Ω)
Rated Impedance	100 V: 83Ω (120W), 30W, 15W, 3W 70V: 60W, 30W, 15W, 7.5W, 1.5W 25V: 7.5W, 3.7W, 1.9W, 0.9W, 0.2W 8Ω
Sound Pressure Level (1W, 1m)	87dB, installation in 1/2 free sound field (Measured by unit installed in center of ceiling or wall) 81 dB, installation in free sound field (measured in anechoic chamber)
Frequency Response	60Hz – 250Hz
Mounting Hole Diameter	ø250mm
Speaker Component	Low Frequency: 16cm cone-type
Finish	Enclosure: Steel plate, plating ; Baffle : Fire-resistant ABS resin (UL-94 V-0), black ; Rim : Fire-resistant ABS resin (UL-94 V-0) , white (RAL 9016) ; Punched net : Steel plate, white , paint
Weight	6.3kg (including mounting accessory)
Dimensions	ø280 x 198(D) mm

Accessories

			Article number	Z-2852C	Z-2352C	Z-2352SC	Z-2322C	Z-122C	Z-1522SC	ZS-FB2862C-AS
		Anchor Hanging Bracket	ZY-AH1	•	•	• w/HY-RR2	•	•	—	•
		Tile Bar Bridge	ZY-TB1	•	•	• w/HY-RR2	•	•	—	•
		Back Can	ZY-BC1	—	•	•	•	•	—	—
		Trim Ring	ZY-TR1	—	•	• w/HY-RR2	•	•	—	—



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