

F Series

Wide Dispersion Ceiling Speakers



Delivering a new level of audio performance in ceiling-mounted speakers

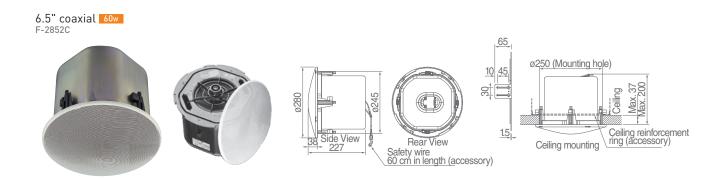
Wide Dispersion Speaker

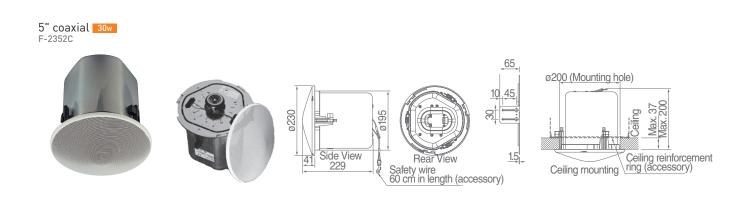
F Series Ceiling Type

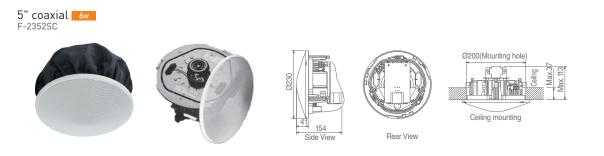
Expanded listening coverage area through extra-wide dispersion characteristics



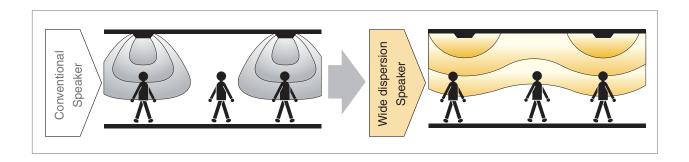
Most noticeable has always been the high-frequency roll-off that resulted from limited speaker dispersion characteristics. The F-Series provides well-balanced audio reproduction without treble attenuation over an expanded listening area thanks to the extra-wide dispersion characteristics that are part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

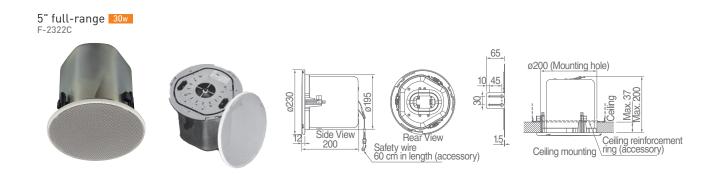


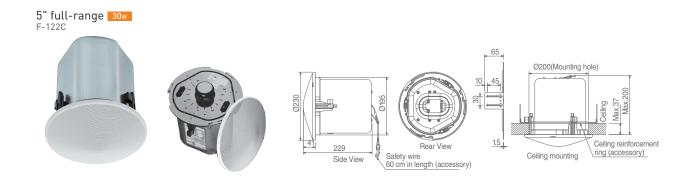


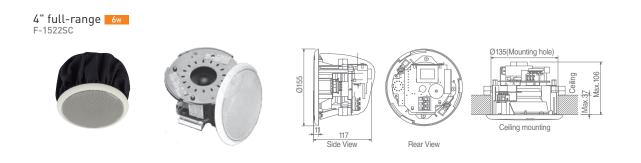


Comparison with Conventional Speaker









Co-axial type









data					
Specifications	F-2852C	F-2352C	F-2352SC		
Rated Input	60W	30W	6W		
Tap Settings	100 V: 60W, 30W, 15W, 3W 70V: 60W, 30W, 15W, 7.5W, 1.5W 25V: 7.5W, 3.7W, 1.9W, 0.9W, 0.2W 8Ω	100V: 30 W, 10W, 3W, 1W 70V: 30 W, 15 W, 5 W, 1.5W, 0.5W 25V: 3.7W, 1.9W, 0.6W, 0.2W, 0.06W 8Ω	100 V: 6 W, 3 W, 1W, 0.5W 70V:6W, 3W, 1.5W, 0.5W, 0.25W 25V: 0.75W, 0.4W, 0.2W, 0.06W, 0.03W 8Ω		
Sensitivity (1W, 1m)	91dB	90dB	89dB		
Max SPL (Rated input, 1m)	109dB	105dB	97dB		
Frequency Response	60Hz – 20kHz	70Hz – 20kHz	80Hz – 20kHz		
Mounting Hole Diameter	ø250 mm	ø200mm	ø200mm		
Speaker Component	Low: 6" cone-type, High: Dome-type	Low: 5" cone-type, High: Balanced dome-type	Low: 5" cone-type, High: Balanced dome-type		
Color	Baffle: black/Rim: wh	Baffle: black/Rim: white/Punched net: white/ Dust proof bag: black			
Dimensions	ø280 x 227(D) mm	ø230 x 229(D) mm	ø230 x 154(D) mm		

Full-range type EASE data						
Specifications	F-2322C	F-122C	F-1522SC			
Rated Input	30W		6W			
Tap Settings	100V: 30 W, 10W, 3W, 1W 70V: 30 W, 15 W, 5 W, 1.5W, 0.5W 25V: 3.7W, 1.9W, 0.6W, 0.2W, 0.06W 8Ω		100 V: 6 W, 3 W 70V: 6W, 3W, 1.5W 25V: 0.75W, 0.4W, 0.2W 8Ω			
Sensitivity (1W, 1m)	90)dB	88dB			
Max SPL (Rated input, 1m)	105dB		96dB			
Frequency Response	70Hz -	- 20kHz	65Hz – 18kHz			
Mounting Hole Diameter	ø200mm		ø135mm			
Speaker Component	peaker Component 5" cone-type		4" cone-type			
Color	Baffle: black/Rim: white/ Punched net: white		Baffle: black/Rim: white/Punched net: white/Dust proof bag: black			
Dimensions	ø230 x 200 (D) mm	ø230 x 229(D) mm	ø155 x 117(D) mm			

Accessories		Article number	F-2852C	F-2352C	F-2352SC	F-2322C	F-122C	F-1522SC	FB-2862C		
		1	Anchor Hanging Bracket	HY-AH1	•	•	w/HY-RR2	•	•	_	•
	1		Tile Bar Bridge	HY-TB1	•	•	• w/HY-RR2	•	•	_	•
			Back Can	HY-BC1	-	•	•	•	•	-	-
Fire			Trim Ring	HY-TR1	_	•	• w/HY-RR2	•	•	_	_
0		Reinforcement Ring	HY-RR1	_	_	-	_	_	•	_	
6		Reinforcement Ring	HY-RR2	_	_	•	_	_	_	_	

