



WIDE DISPERSION SPEAKER SYSTEM ZS-F1000 & ZS-F2000 SERIES



*Compact and versatile
sound reinforcement solutions*

SPECIFICATIONS

ZS-F1000 SERIES

Model No.	ZS-F1000B	ZS-F1000W	ZS-F1000BM	ZS-F1000WM	ZS-F1000BMWP	ZS-F1000WMWP
Enclosure Type	Bass-reflex type					
Power Handling Capacity	30W (continuous pink noise) 90W (continuous program)		—			
Rated Input	—		15W			
Rate impedance	8Ω		100V line : 670Ω (15w), 2kΩ (5w), 3.3kΩ (3W), 10kΩ (1W) 70V line : 330Ω (15w), 670Ω (7.5w), 2kΩ (2.5W), 3.3kΩ (1.5W), 10kΩ (0.5W)			
Sensitivity	87dB (1W,1m) at installation in 1/2 free sound field					
Frequency Response	85 - 20,000Hz, -10dB at installation in 1/2 free sound field					
Crossover Frequency	5kHz					
Directivity Angle	Horizontal : 90° ; Vertical : 90°					
Speaker Component	Low Frequency : 10cm (4") cone-type High Frequency : Balanced dome-tweeter					
Input Terminal	Push-in terminal					
Water Protection	—				IPX4	
Operating Temperature	—				-10°C to +50°C	
Finish	Enclosure : HPS resin, black Punched net : Surface-treated steel plate, black, paint joint bracket, wall bracket : Steel plate, 11.6, black, paint, Speaker bracket: Die-cast aluminum, black, paint	Enclosure : HPS resin, white Punched net : Surface-treated steel plate, white, paint joint bracket, wall bracket : Steel plate, 11.6, white, paint, Speaker bracket: Die-cast aluminum, white, paint	Enclosure : HPS resin, black Punched net : Surface-treated steel plate, black, paint joint bracket, wall bracket : Steel plate, 11.6, black, paint, Speaker bracket: Die-cast aluminum, black, paint	Enclosure : HPS resin, white Punched net : Surface-treated steel plate, white, paint joint bracket, wall bracket : Steel plate, 11.6, white, paint, Speaker bracket: Die-cast aluminum, white, paint	Enclosure : HPS resin, black Punched net : Surface-treated steel plate, black, paint joint bracket, wall bracket : Steel plate, 11.6, black, paint, Speaker bracket: Die-cast aluminum, black, paint	Enclosure : HPS resin, white Punched net : Surface-treated steel plate, white, paint joint bracket, wall bracket : Steel plate, 11.6, white, paint, Speaker bracket: Die-cast aluminum, white, paint
Dimensions	130(W) x 202 (H) x 131(D) mm					
Weight	1.8kg (including the supplied brackets)			2kg (including the supplied brackets)		
Accessories	Speaker bracket x1, Joint bracket x1,Wall bracket x1 Bracket fixing screw x 1set				Speaker bracket x 1, Joint bracket x1, Wall bracket x 1 Bracket fixing screw x1set, Terminal Cover x1 Terminal cover mounting screw x 4	
Option	Board hanger bracket: ZY-BH10B Ceiling mount bracket: ZY-CM10B Cluster bracket: ZY-CL10B	Board hanger bracket: ZY-BH10B Ceiling mount bracket: ZY-CM10W Cluster bracket: ZY-CL10B	Board hanger bracket: ZY-BH10B Ceiling mount bracket: ZY-CM10B Cluster bracket: ZY-CL10B	Board hanger bracket: ZY-BH10B Ceiling mount bracket: ZY-CM10W Cluster bracket: ZY-CL10B	Speaker mount bracket : YS-60B	
Recommended Subwoofer	HB-1, FB-10, FB-100					

SPECIFICATIONS

ZS-F2000 SERIES

Model No.	ZS-F2000B	ZS-F2000W	ZS-F2000BM	ZS-F2000WM	ZS-F2000BMWP	ZS-F2000WMWP
Enclosure Type	Bass-reflex type					
Power Handling Capacity	60W (continuous pink noise) 180W (continuous program)			—		
Rated Input	—			60W		
Rated Impedance	8Ω			100V line : 170Ω (60w), 330Ω (30W), 670Ω (15W) 3.3kΩ (3W) 70V line : 83Ω (60w), 170Ω (30w), 330Ω (15W), 670Ω (7.5W), 3.3kΩ (1.5W)		
Sensitivity	92dB (1W,1m) at installation in 1/2 free sound field 93dB (1W,1m) at installation in 1/2 free sound field (with horn adapter)					
Frequency Response	65 - 20,000Hz, -10dB at installation in 1/2 free sound field					
Crossover Frequency	2.5kHz					
Directivity Angle	Horizontal : 110° ; Vertical : 100° Horizontal : 80° ; Vertical : 80° (with horn adapter)					
Speaker Component	Low Frequency : 20cm (8") cone-type High Frequency : 25mm (1")dome-tweeter					
Input Terminal	Push-in terminal					
Water Protection	—				IPX4	
Operating Temperature	—				-10°C to +50°C	
Finish	Enclosure : HPS resin, black Punched net : Surface-treated steel plate, black, paint joint bracket, wall bracket : Steel plate, 12.0, black, paint, Speaker bracket: Die-cast aluminum, black, paint	Enclosure : HPS resin, white Punched net : Surface-treated steel plate, white, paint joint bracket, wall bracket : Steel plate, 12.0, white, paint, Speaker bracket: Die-cast aluminum, white, paint	Enclosure : HPS resin, black Punched net : Surface-treated steel plate, black, paint joint bracket, wall bracket : Steel plate, 12.0, black, paint, Speaker bracket: Die-cast aluminum, black, paint	Enclosure : HPS resin, white Punched net : Surface-treated steel plate, white, paint joint bracket, wall bracket : Steel plate, 12.0, white, paint, Speaker bracket: Die-cast aluminum, white, paint	Enclosure : HPS resin, black Punched net : Surface-treated steel plate, black, paint joint bracket, wall bracket : Steel plate, 12.0, black, paint, Speaker bracket: Die-cast aluminum, black, paint	Enclosure : HPS resin, white Punched net : Surface-treated steel plate, white, paint joint bracket, wall bracket : Steel plate, 12.0, white, paint, Speaker bracket: Die-cast aluminum, white, paint
Dimensions	244(W) x 373 (H) x 235(D) mm					
Weight	6.5kg (including the supplied brackets)			7.4kg (including the supplied brackets)		
Accessories	Speaker bracket x1, Joint bracket x1, Wall bracket x 1 Bracket fixing screw x 1 set Horn adapter x1, Horn adapter mounting screw x4				Speaker bracket x1, Joint bracket x1, Wall bracket x 1 Bracket fixing screw x1set Horn adaptersx1, Horn adapter mounting screw x4 Terminal Coversx1, Terminal cover mounting screw x4	
Option	Ceiling mount bracket: ZY-CM20B Cluster bracket: ZY-CL20B	Ceiling mount bracket: ZY-CM20W Cluster bracket: ZY-CL20B	Ceiling mount bracket: ZY-CM20B Cluster bracket: ZY-CL20B	Ceiling mount bracket: ZY-CM20W Cluster bracket: ZY-CL20B	Speaker mount bracket : SP-131, YS-60B	
Recommended Subwoofer	FB-100, Z-120BFB/ Z-120WFB					

* Specifications are subject to change without prior notice