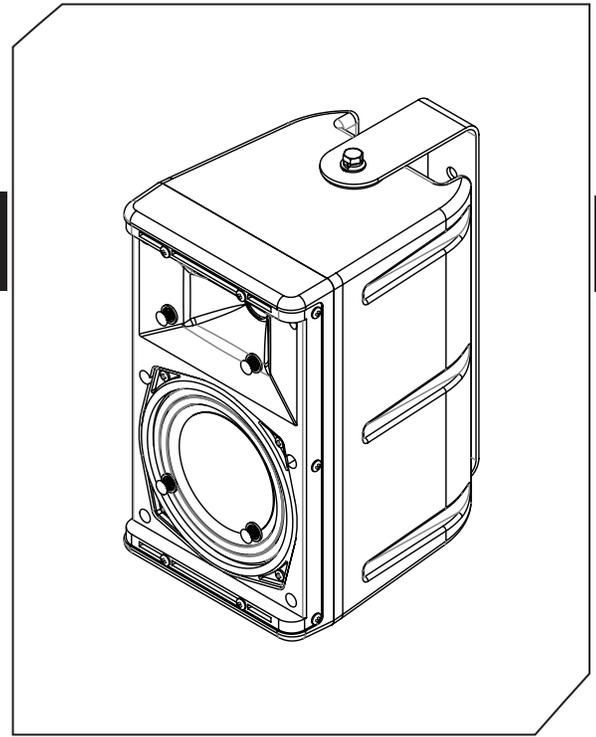


106/STH[™]

The One Systems 106/STH is a universal direct weather loudspeaker system designed for use in general purpose inland environments. The 106/STH utilizes stainless steel for all rigging points that are to be used in conjunction with optional One Systems rigging accessories, such as the PM2/M pole mount system, or PT-10/M pan/tilt bracket. The included U-Bracket and grille are both made from a structural steel coating with a highly durable dual layer zinc rich powder coating.

The 106/STH also features a configurable Hi Z or Lo Z mode. The Hi Z mode features a wide bandwidth 50 watt autoformer that presents input taps of 50 Watts, 25 Watts, and 12.5 Watts. The Lo Z mode is 8-ohms. The simple configuration process is found on the third page of this data sheet, or on the One Systems web site (www.onesystems.com). The configuration scheme does not utilize any switches that can limit system reliability. The Hi Z mode allows for either 70.7Vrms or 100Vrms operation. The 106/STH offers superb intelligibility and extended bandwidth, as well as superior system dynamics. The 106/STH is a two-way design featuring a wide coverage pattern of 110 degrees by 70 degrees. This low Q pattern is ideal for short throw applications and near field sound reinforcement applications. The high frequency wave guide provides optimal loading for the neodymium compression driver. The use of neodymium components allows high output to be achieved with very little additional weight, allowing for an easy installation experience. The 6.5-inch diameter low frequency woofer features a very large voice coil diameter, insuring high reliability and excellent linearity.



FEATURES & BENEFITS

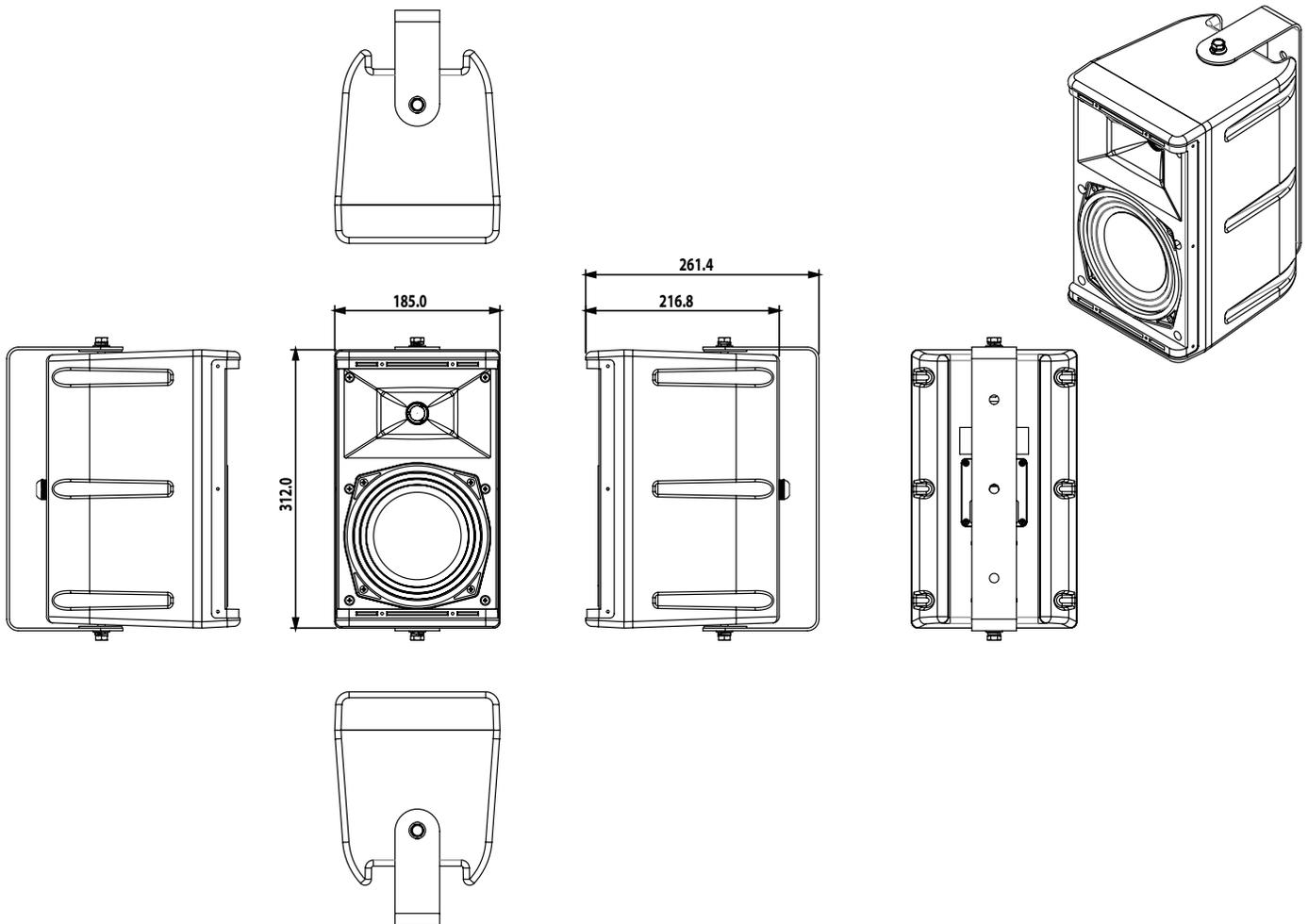
- » Stainless steel rigging points
- » Dual layer zinc rich powder coat utilized on grille and included U-Bracket
- » Combined 70.7V/100V/Direct operation
- » No performance degrading passive protection devices
- » 80 Watts continuous power handling in direct (8 ohm) operation
- » Highly suitable for inland direct weather environments
- » Optional PM2/M pole mount system and PT10/M pan/tilt bracket available
- » IEC 529 IP 56 ingress protection

SPECIFICATIONS

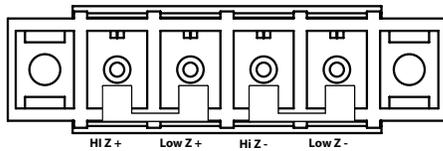
Frequency Response:	90Hz-20kHz	Size (mm):	312 x 185 x 217.1
Coverage Pattern:	110 (H) x 70 (V)	(Not including U-Bracket)	
Crossover Frequency:	1.5kHz	Size (Inches):	12.3 x 7.3 x 8.5
System Sensitivity 1w/1m:	87dB	(Not including U-Bracket)	
Power Handling:	80w		
Input Impedance (Lo Z):	8		
Input Taps (Hi Z):	50/25/12.5w		
Weight:	5.2kg, 11.4 lbs		

106/STH[™]

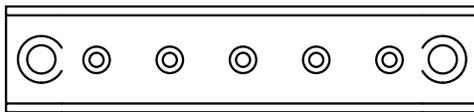
The enclosure is an injection molded design that utilizes a high impact copolymer material that exhibits superior weather resistance. The 106/STH cabinet is available only in grey, which has been stabilized for ultra violet exposure. The 106/STH features a three-layer "rain shield" grille design and an input weather cover with waterproof gland nut. The overall ingress protection is rated at IP56.



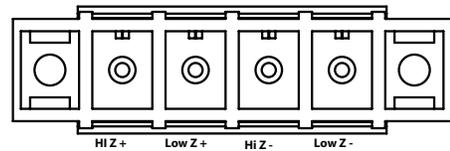
106/STH[™]



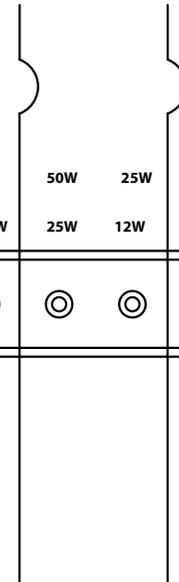
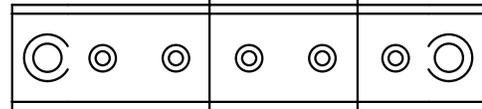
100V		NC	50W	25W	12W
70.7V		50W	25W	12W	NC



FROM HI Z
AMPLIFIER



100V		NC	50W	25W	12W
70.7V		50W	25W	12W	NC



FROM LO Z
AMPLIFIER