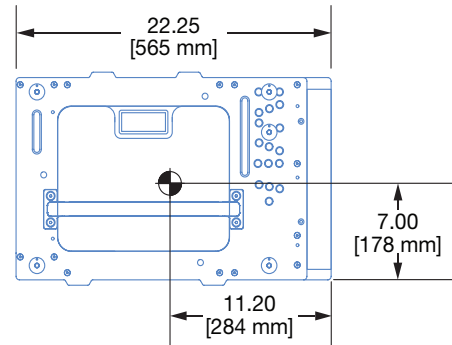
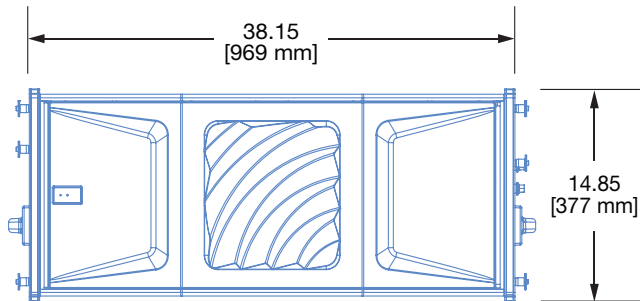
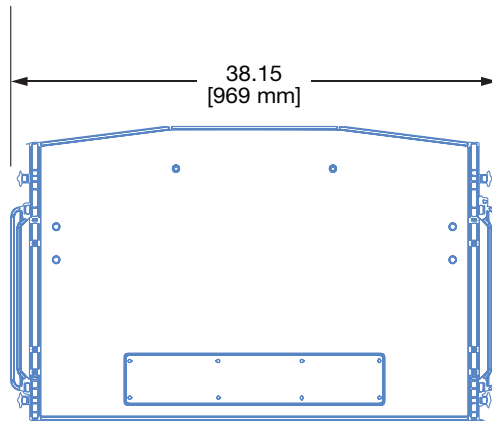


PANTHER Linear Line Array Loudspeaker



ACOUSTICAL	PANTHER-L	PANTHER-M	PANTHER-W
Operating Frequency Range	55 Hz – 16 kHz		
Maximum Sound Level ¹	>150 dB	>150 dB	>150 dB
Linear Sound Level, L _{peak} ²	146 dB (M-noise)	146 dB (M-noise)	146 dB (M-noise)
COVERAGE			
Horizontal Coverage	80°	95°	110°
PHYSICAL			
Weight	150 lb, ±3 lb (68.04 kg, ±1.36 kg)		
Enclosure	Premium multi-ply birch, slightly textured black finish		
Protective Grille	Powder-coated, stamped steel with acoustical black mesh		
Rigging	End frames with captive GuideALinks secured with 0.4375 in x 0.090 in quick-release pins that allow 0.5°– 9° splay angles; detachable side handles		
IEC Ingress Protection Rating (IP Rating)	55		
AC POWER			
Connector	Neutrik powerCON TRUE1 TOP (True Outdoor Protection)		
Operating Voltage Range	200 – 240 V AC, 50 or 60 Hz		
POWER CONSUMPTION			
Max Long-Term Continuous Power (>10 sec)	1100 W		
Burst Power (<1 sec)	2200 W		

ANALOG AUDIO INPUT ³	
Connector	Neutrik XLR 3-pin TOP (True Outdoor Protection) female input with male loop output
DIGITAL AUDIO INPUT ³	
Connector	Neutrik etherCON TOP (True Outdoor Protection)
Digital Format	Milan Certified
MONITORING	
	Loudspeaker telemetry transmitted via the Ethernet port, displayed in software
TRANSDUCERS	
Low Frequency	Two 12-inch long-excursion cone drivers; 4 Ω nominal impedance
High Frequency	Two 3-inch diaphragm compression drivers coupled to a horn; 8 Ω nominal impedance

NOTES

1. Maximum Sound Level is the L_{peak} measured using burst noise.
2. Linear Sound Levels are measured in free-field at 4 m with a Class 2 sound level meter in accordance with IEC 61672 and ANSI S1.4. Values are scaled to 1 m distance from the loudspeaker when the loudspeaker is reproducing M-noise with less than 2 dB of compression for at least 1-hour, 40-degree C ambient temperature.

M-noise is a full bandwidth, (10 Hz – 22.5 kHz) test signal developed by Meyer Sound to better measure the loudspeaker’s music performance. It has a constant instantaneous peak level in octave bands, a crest factor that increases with frequency, and a full bandwidth Peak to RMS ratio of 18 dB.
3. Both analog and digital audio inputs are provided as standard.