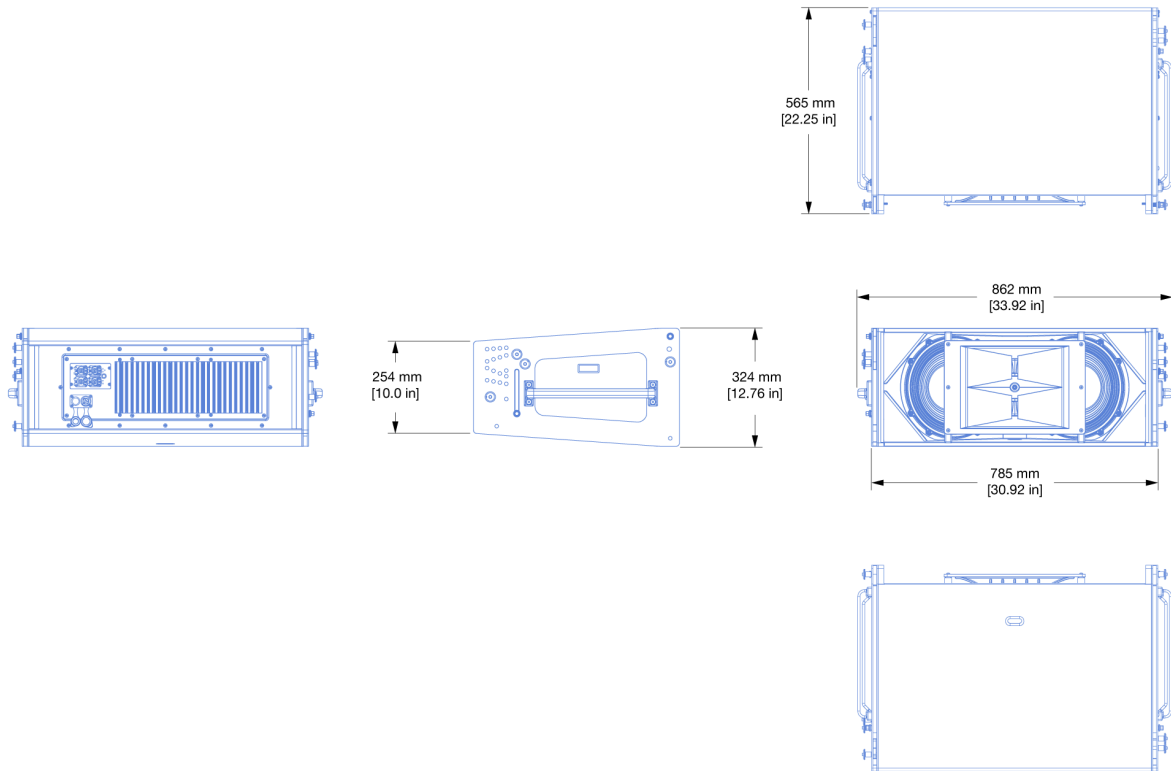


Preliminary Product Information — TIGRA



Medium-format line array loudspeaker

TIGRA dimensions



TIGRA specifications

ACOUSTICAL ¹	TIGRA-L	TIGRA-W
Operating frequency range	55 Hz – 16 kHz	
Maximum sound level ²	146 dB	145 dB
AES75 maximum linear sound levels	122 dBZ, 140.5 dBZpk, with an RMS input level of +2 dBV	120.5 dBZ, 139 dBZpk, with an RMS input level of +4 dBV

COVERAGE³		
Horizontal coverage	85°	110°
PHYSICAL		
Dimensions	W: 33.92 in (862 mm) x H: 12.76 in (324 mm) x D: 22.25 in (565 mm)	
Weight	115 lbs (52.2 kg)	
Enclosure	Premium multi-ply birch, slightly textured black finish	
Protective grille	Powder-coated, stamped steel	
Rigging	End frames with captive GuideALinks secured with 0.375 x 0.75 inches quick-release pins that allow 0.5°– 10° splay angles; detachable side handles	
IEC ingress protection rating (IP rating)	IP55, when connected to cables terminated with Neutrik TOP connectors	
AC POWER		
Connector	Neutrik powerCON TRUE1 TOP (True Outdoor Protection)	
Operating voltage range	100 - 240 V AC, 50 - 60 Hz	
POWER CONSUMPTION		
Max Long-Term Continuous Power (>10 sec)	550 W	
ANALOG AUDIO INPUT ⁴		
Connector	Neutrik XLR 3-pin TOP (True Outdoor Protection) female input with male loop output.	

Input level	Source must be capable of producing +24 dBU into 50 Ω to produce the maximum peak SPL over the operating bandwidth of the loudspeaker
DIGITAL AUDIO INPUT⁴	
Connector	Neutrik etherCON TOP (True Outdoor Protection)
Digital Format	Milan AVB
MONITORING	
Telemetry	Loudspeaker Remote Product Monitoring (RPM) telemetry transmitted via the Ethernet port, displayed in software
TRANSDUCERS	
Low-frequency	Two 10-inch long-excursion cone drivers
High-frequency	One 4-inch diaphragm compression driver coupled to a horn

Notes

1. Loudspeaker system predictions for coverage and SPL are available in Meyer Sound's MAPP system design tool.
2. Maximum sound level is the L_{peak} measured using burst noise.
3. The TIGRA 2-way loudspeaker has a unique placement of low-mid transducers and a computationally optimized high horn, creating a directional loudspeaker with a controlled pattern for the full frequency range. Arrays of six units and longer functionally create a cardioid polar pattern, which remains consistent at all SPL levels, including when pushed into limiting, and does not require any user settings.
4. Both analog and digital audio inputs are provided as standard.

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**Preliminary Product Information —
TIGRA**
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