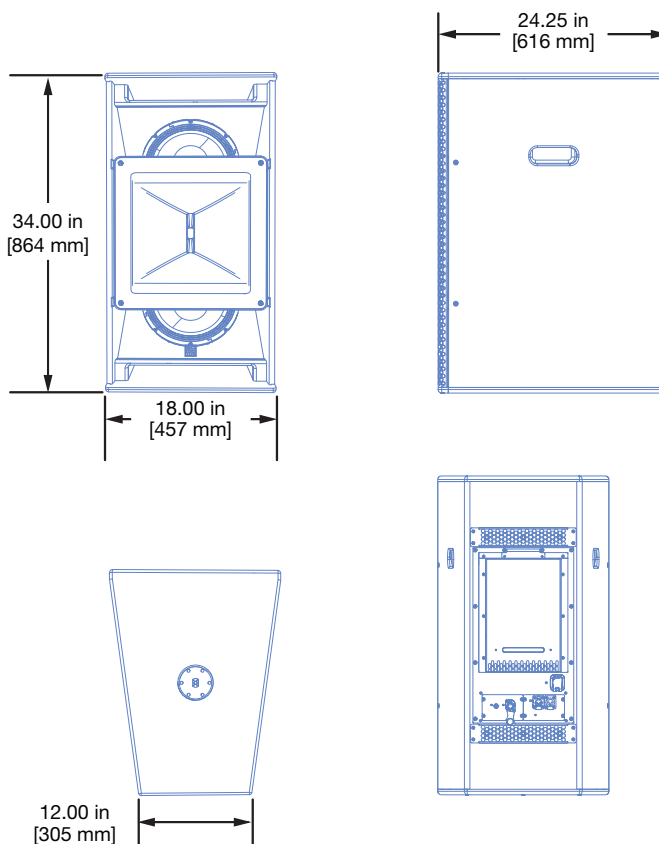


# ULTRA-X80 PRELIMINARY



## ULTRA-X80, ULTRA-X82



### SPECIFICATIONS

ACOUSTICAL <sup>1</sup>	ULTRA-X80	ULTRA-X82
Operating Frequency Range	55 Hz - 18 kHz	
AES75 Maximum Linear Sound Levels <sup>2</sup>	141 dB pk	142 dB pk
<b>COVERAGE</b>		
Horizontal Coverage	95°	50°
Vertical Coverage	40°	40°
<b>PHYSICAL</b>		
Weight	130 lbs. (60 kg) +/- 5 lb (2.3 kg)	
Enclosure	Premium multi-ply birch, slightly textured black finish	
Protective Grille	Powder-coated, stamped steel	
Rigging	M10 accessory attachment points	
IEC Ingress Protection Rating (IP Rating)	IP55, when connected to cables terminated with Neutrik TOP connectors	
<b>AC POWER</b>		
Connector	Neutrik powerCON TRUE1 TOP (True Outdoor Protection)	
Operating Voltage Range	200 – 240 V AC, 50 or 60 Hz	
<b>POWER CONSUMPTION</b>		
Max Long-Term Continuous Power (>10 sec)	1100 W	
Burst Power (<1 sec)	2200 W	
Idle Power	150 W	

## SPECIFICATIONS, CONT'D.

ANALOG AUDIO INPUT <sup>3</sup>	
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 600 $\Omega$ to produce the maximum peak SPL over the operating bandwidth of the loudspeaker.
DIGITAL AUDIO INPUT <sup>3</sup>	
Connector	Neutrik etherCON TOP (True Outdoor Protection)
Digital Format	AVB, Milan Certified
MONITORING	
Telemetry	Loudspeaker telemetry transmitted via the Ethernet port, displayed in software
TRANSDUCERS	
Low Frequency	Two 12-inch long-excursion cone drivers; 4 $\Omega$ nominal impedance
High Frequency	One 4-inch diaphragm compression driver coupled to a horn; 4 $\Omega$ nominal impedance

## NOTES

- Loudspeaker system predictions for coverage and sound levels are available in Meyer Sound's MAPP System Design Tool.
- AES75 Maximum Linear Sound Level is 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 Music-Noise with less than 2 dB of compression for at least 1-hour, 40-degree C ambient temperature.  
  
Music-Noise is a full bandwidth, (10 Hz – 22.5 kHz) test signal with a crest factor that more closely represents typical program material. 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.
- Both analog and digital audio inputs are provided as standard.



Digital Version

Pending

