

## DATASHEET — USW-121P

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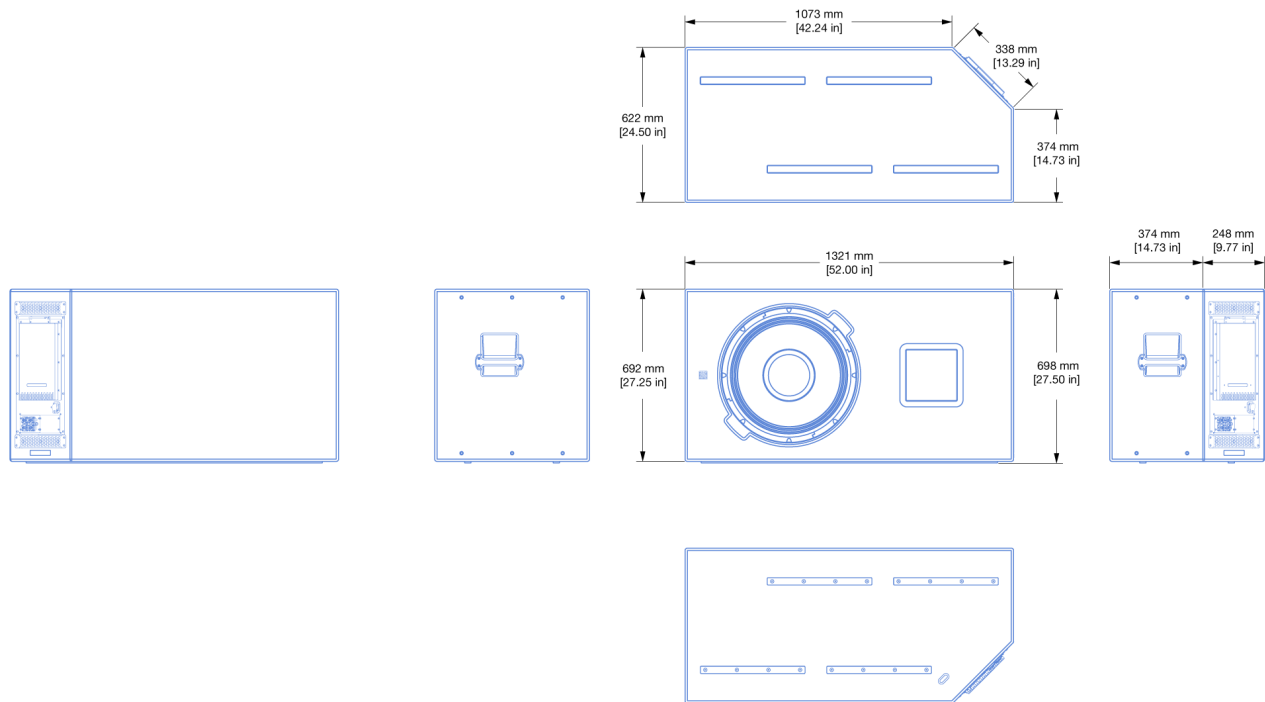
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# DATASHEET — USW-121P

## USW-121P DIMENSIONS



## USW-121P SPECIFICATIONS

ACOUSTICAL	
Operating Frequency Range <sup>1</sup>	20 Hz - 125 Hz (-10dB)
Frequency Response <sup>2</sup>	23 Hz - 105 Hz $\pm 4$ dB
Phase Response	28 Hz – 110 Hz $\pm 30^\circ$
AES75 Maximum Linear Sound Levels	136 dBZpk, 125 dBZ at an RMS input level of +4.4 dBV for analog and -17.8 dBFS for digital, measured in half-space at 4 meters, referenced to 1 meter.
Coverage	360° (single unit), varies with the number of units and configuration
TRANSDUCERS	
Low Frequency	One 21-inch long-excursion cone driver; 4 $\Omega$ nominal impedance

PHYSICAL	
Dimensions	W: 52.00 in (1321 mm) x H: 27.50 in (698 mm) x D: 24.50 in (622 mm)
Weight	89.8 kg (198 lb)
Enclosure	Premium multi-ply birch, slightly textured black finish. The OT version includes additional treatment of the cabinet wood.
Protective Grille	Powder-coated, stamped steel. The OT version includes stainless steel mesh behind the grille.
Rigging	10 x M8 x 1.25 mm accessory attachment points: six (6) on left side; four (4) on right side
IEC Ingress Protection Rating (IP Rating)	OT version is IP55 rated when connected to cables terminated with Neutrik TOP connectors.
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	800 W maximum long-term continuous ( >10 seconds), 2400 W burst <1 second)
ANALOG AUDIO INPUT <sup>3</sup>	
Connectors	Neutrik XLR 3-pin TOP (True Outdoor Protection) female input with male loop output
DIGITAL AUDIO INPUT <sup>3</sup>	
Connectors	Neutrik etherCON TOP (True Outdoor Protection)
Digital Format	AES67, SMPTE 2110 Compliant
MONITORING	
Remote Product Monitoring	RPM data is transmitted via the Ethernet port and displayed in software.
USER DSP	
User-Controlled Signal Processing	<p>Type 3P input module features GEN-1 technology, embedding the signal processing of a Galileo GALAXY output channel in the loudspeaker, controlled via Nebra software.</p> <p>On-board processing includes:</p> <ul style="list-style-type: none"> <li>■ 10-band parametric EQ</li> <li>■ gain</li> <li>■ U-shaping filters</li> <li>■ mute</li> <li>■ polarity</li> <li>■ high and low-pass filters</li> <li>■ delay</li> <li>■ product integration</li> </ul>

## NOTES

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1. Recommended maximum operating frequency range. The response depends on loading conditions and room acoustics.
2. Measured in half-space with pink noise at 4 meters, 1/3-octave frequency resolution.
3. Both analog and digital audio inputs are provided as standard.

