

# The Paris 616

MP Series

## Compact, 2-Way Full-Range All Environment Loudspeaker System



The Paris 616 is the largest and most powerful loudspeaker in the MP Series. Designed for use in abusive, real-world situations, the Paris delivers detailed, articulate sound in a compact, durable package suitable for both permanently installed and mobile applications.

Loaded with a 1" compression driver, the wide dispersion horn of the Paris provides clear coverage even in large reverberant spaces such as churches or gymnasiums, while the twin 6.5" mid/bass drivers produce extended, distortion-free bass output. Only the highest-quality metalized polypropylene capacitors and heavy gauge inductors are used in Technomad networks, minimizing insertion loss and resulting in smooth response throughout the operating bandwidth.

Developed with the needs of contractors in mind, the Paris 616 incorporates a wide range of mounting fittings. Threaded 5/16-18 inserts on each side allow easy suspension, and threaded inserts are also provided to attach standard stand-mount adaptors. The Paris 616 also has four rear 1/4-20 threaded inserts compatible with many multi-mount brackets. Because of its low-profile design and symmetrical dispersion, the Paris 616 can be

**Superb audio quality**

**Horn-loaded 1" HF compression driver**

**Fully weatherproof construction**

**Optional multi-tap 70-volt transformer**

**Molded-in colors will not crack or fade**

**Comprehensive warranty: 10 year cabinet  
5 year hardware, 2 year electronics**

**End threaded inserts for yoke mounting**

**Rear threaded inserts for bracket mounting**

**Accepts bolt-on standmount fittings**

**WeatherTech™ grill**

**Twelve (12) optional cabinet colors**

**Mil-Spec 810E Compliant**

**Self-draining cabinet design**

**One-piece, 1/2" thick molded cabinet**

discretely installed vertically on poles and columns or horizontally under eaves and balconies.

The Paris 616 is extremely reliable in any environment. Both the weatherized mid/bass drivers and the high-frequency compression driver offer excellent performance in even the most severe weather conditions. The three layer WeatherTech™ grill system sheds water off of the loudspeaker before it can penetrate to the components and all internal assemblies are treated to prevent damage by any moisture, such as condensation, which gets past the grill. Rust is never a problem as all external hardware, including the grill, is black stainless steel. Technomad cabinets are cast from Mil-Spec polyethylene, carry a 10 year warranty and are self-draining. From the inside out, every part of every Technomad loudspeaker is designed to provide optimum performance in even the worst conditions.

Due to its high power output, ease of install, durability and architecturally neutral appearance, the Paris 616 is used worldwide in applications such as theme parks, theaters, resorts, and military bases.

**Technomad**  
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# Specifications

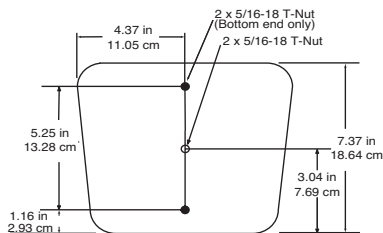
## Paris 616

### Audio Specifications

Frequency Response	65 Hz- 20 kHz (+/- 2 dB) 45 Hz- 20 kHz (+/- 10 dB)
Maximum Continuous Power <sup>1</sup>	450 watts
Maximum Peak Power <sup>1</sup>	900 watts
Recommended Amplifier Power	500 watts
Sensitivity *	96.5 dB SPL
Maximum Output (long term) <sup>1**</sup>	123 dB SPL
Maximum Output (peak)	126 dB SPL
HF Dispersion	120° V x 120° H
Nominal Impedance	6 ohms

### Physical Specifications

Height	26.87" 67.9 cm
Width	8.5" 21.5 cm
Depth	7.37" 18.6 cm
Weight	25 lb. 11.4 kg
Shipping Weight	30 lb. 13.6 kg
Fittings	2 x 5/16-18 inserts (1 per end) 4 x 1/4-20 on back for multi-mounts 2 x 5/16-18 inserts on bottom for use with bolt-on standmount sockets
Cabinet	Mid-density Polyethylene
Grill	Stainless Steel Weather Tech™ (Black standard)



Paris 616/ Vienna 16 End View

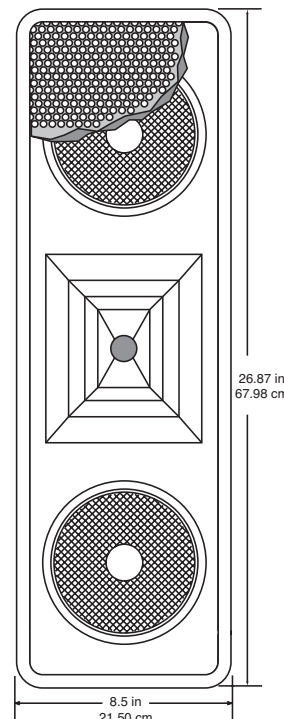
### Signal Chain

HF	1" compression driver
LF	2 x 6.5" weatherized driver
Connectors	1 x Neutrik™ NL4MP Speak-on, 1 x 2 pole terminal block
Crossover	Passive internal
70-Volt (option)	16, 32, 64, 128 watt switchable taps

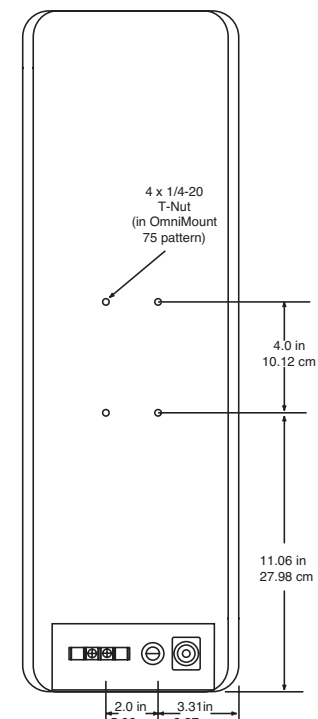
1 Based on ALMA EIA test 426B

\* RTA Total output axial 1W@1M

\*\* Based on Maximum Continuous Power rating



Paris 616 Front View



Paris 616 BackView

## Architectural and Engineering Specifications

The loudspeaker system shall be of two-way type consisting of two 6.5" low frequency cone type transducers in a vented direct radiating enclosure and a centrally horn-mounted 1" compression driver.

The system shall meet the following performance criteria:  
Frequency Response: 65 Hz - 20 kHz. Power Handling: 450W. Rated Impedance shall be 6 ohms. High frequency dispersion shall be 120° H x 120° V. The system shall include an internal passive crossover network, providing full-range operation via a Neutrik™ 4MP connector and a 2 pole terminal block.

The cabinet shall be molded from mid-density (100% recycled

if black) polyethylene. All cabinet dyes shall be non-heavy metal based. The cabinet shall meet Mil-Spec 810E and be ATA-III compliant. The cabinet shall have a 10 year warranty.

The system shall have one 5/16-18 threaded insert per end, and two additional 5/16-18 inserts on one end for a bolt-on stand-mount mount socket. The system shall also have four 1/4-20 threaded inserts on the back of the cabinet to allow attachment of a multi-mount bracket. All drivers shall be protected by a three-layer chemically treated grill system.

The loudspeaker system shall be the Technomad Paris 616.

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