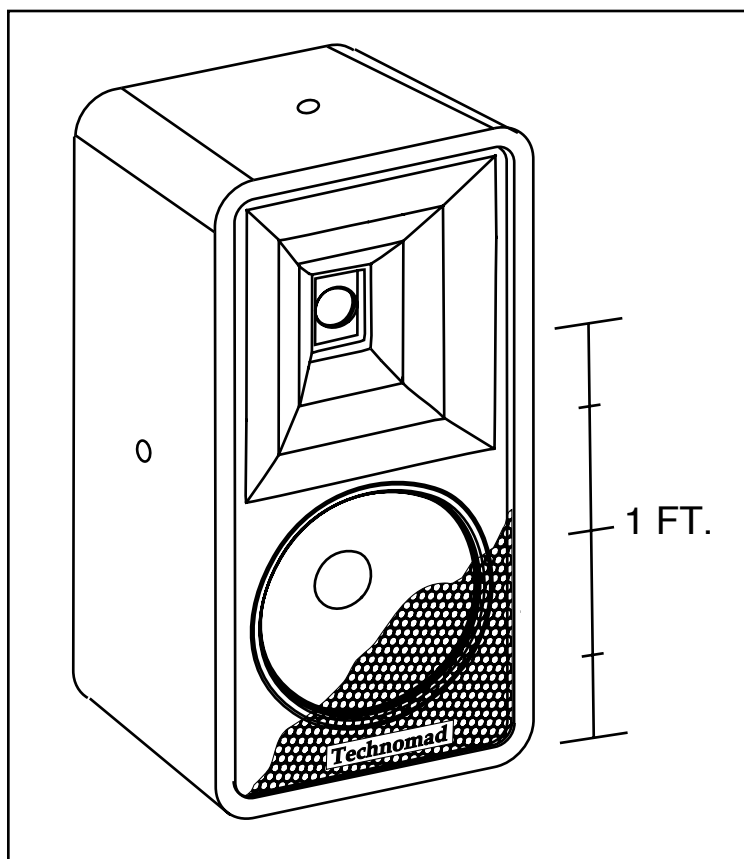


# The Vienna 16

MP Series

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



**Superb audio quality**

**High SPL horn-loaded 1" HF 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**

**5/16-18 T-Nut flypoints- 1 per side**

**Rear inserts for bracket mounting**

**Accepts bolt-on standmount fittings**

**Three layer, chemically treated WeatherTech™ grill**

**Twelve (12) optional cabinet colors**

**Mil-Spec 810E Compliant**

**Self-draining cabinet design**

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

Designed for use in abusive, real-world situations, the Vienna delivers detailed, powerful sound in a compact, durable package suitable for both permanently installed and mobile applications.

The ceramic driven, wide dispersion horn of the Vienna provides clear coverage even in large reverberant spaces such as churches and gyms, while the 6.5" mid/bass driver produces 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 contractors' needs in mind, the Vienna 16 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 Quik-Lok™ or Ultimate Support™ stand sockets. The Vienna also has four rear 1/4-20 threaded inserts compatible with Quik-Lok® QL-30E, Omnimount® 75, and APC® MM-020 multi-position brackets. With its low-profile design and twelve optional colors, the Vienna 16 can be discreetly installed in any application.

The Vienna 16 is extremely reliable in any environment. Both the rubber-surround polypropylene mid/bass driver and the high-frequency ceramic 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.

Architecturally neutral and small enough to be discreetly installed almost anywhere, the Vienna provides powerful, clear sound in applications worldwide such as theme parks, theaters, cruise ships, and resorts.

**Technomad**  
THE TOUGHEST LOUDSPEAKERS IN THE WORLD

37 Harvard Ave, Suite 2, Brookline MA 02445 USA  
email: [info@technomad.com](mailto:info@technomad.com)  
www: <http://www.technomad.com>  
phone: 800.464.7757 fax: 617 424 8233

# Specifications

## Vienna 16

### Audio Specifications

Frequency Response	60Hz- 20kHz (+/- 2 dB)
	50Hz- 20kHz (+/- 10 dB)
Maximum Continuous Power <sup>1</sup>	120 watts
Maximum Peak Power <sup>1</sup>	200 watts
Recommended Amplifier Power	200 watts
Sensitivity *	93 dB SPL
Maximum Output (long term) <sup>1**</sup>	114 dB SPL
Maximum Output (peak)	116 dB SPL
HF Dispersion	120° V x 120° H
Nominal Impedance	8 ohms

### Signal Chain

HF	1" Ceramic Driver
LF	6.5" Polypropylene 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

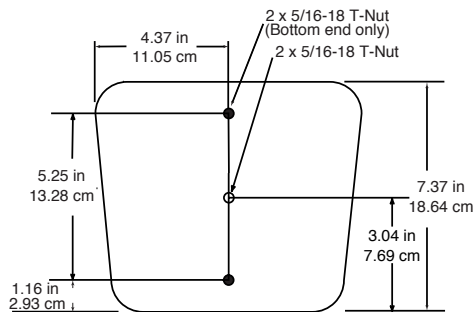
<sup>1</sup> Based on ALMA EIA test 426B

\* RTA Total output axial 1W@1M

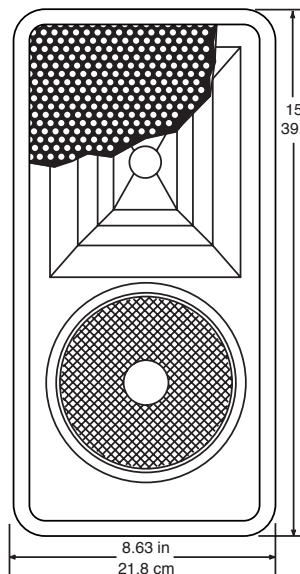
\*\* Based on Maximum Continuous Power rating

### Physical Specifications

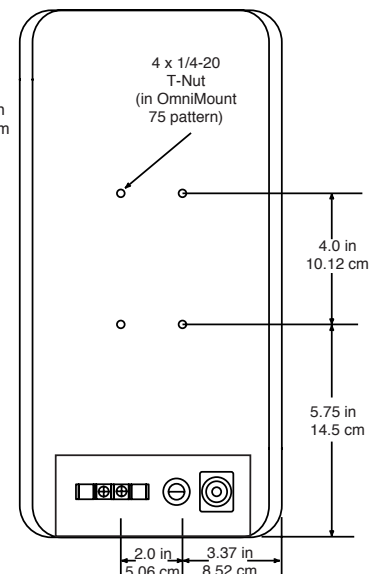
Height	15.5"	39.2 cm
Width	8.63"	21.8 cm
Depth	7.37"	18.6 cm
Weight	18 lb	8.2 kg
Shipping Weight	20 lb	9.1 kg
Fittings	4 x 5/16-18 inserts (1 per side) 4 x 1/4-20 on back for OmniMount™ 2 x 5/16-18 inserts on bottom for use with bolt-on standmount sockets	
Cabinet	Mid-density Polyethylene	
Grill	Stainless Steel Weather Tech™ (Black standard)	



Paris 616/ Vienna 16 End View



Vienna 16 Front View



Vienna 16 Back View

### Architectural and Engineering Specifications

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

The system shall meet the following performance criteria:  
Frequency Response: 60 Hz - 20 kHz. Power Handling: 120W. Rated Impedance shall be 8 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 flypoint insert per side, and two additional 5/16-18 inserts on one end for a bolt-on standmount socket. The system shall also have four 1/4-20 flypoint inserts on the back of the cabinet to allow attachment of an OmniMount™ 75 bracket. All drivers shall be protected by a three-layer chemically treated grill system.

The loudspeaker system shall be the Technomad Vienna 16.

**Technomad**  
THE TOUGHEST LOUDSPEAKERS IN THE WORLD

1112 Boylston St. Boston MA 02115 USA  
email: info@technomad.com  
www: http://www.technomad.com  
phone: 800.464.7757 fax: 617 424 8233