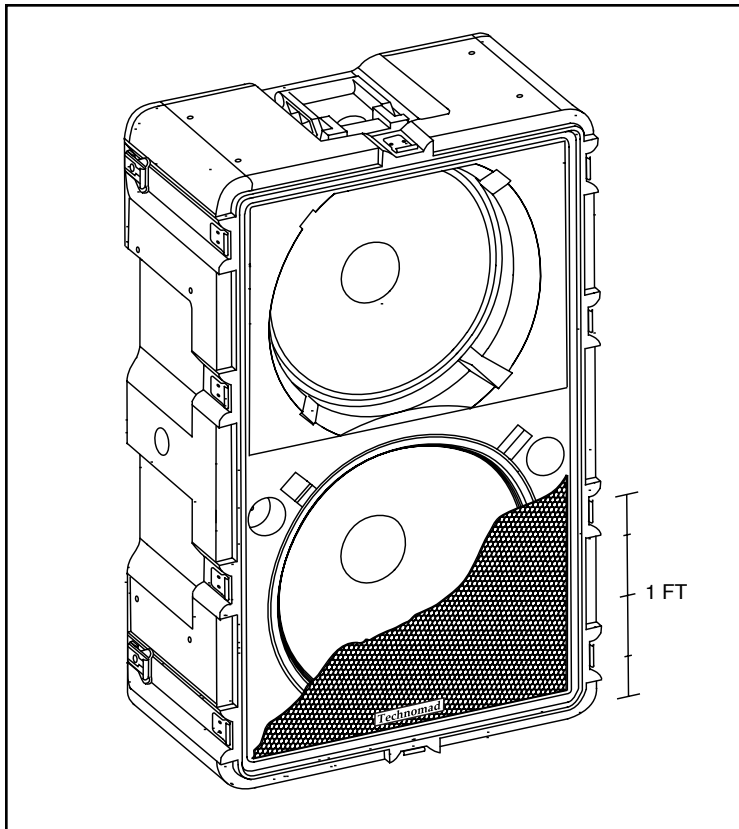


The Cairo 15/C

**AS Series
Tour Model**

Weather Resistant, Self-casing, Bi-amped, 3-Way Full-Range Loudspeaker System



Shown without WeatherTech™ full-face grill

The Tour Model Cairo 15/C is designed for use in abusive, real-world situations - year-round, indoors or out - without fear of water, salt, sand, insect, temperature, mold, mildew, chemical, condensation, or other sources of damage. Combining super-rugged, U.S. Armed Forces road case technology with a number of acoustic innovations, Technomad builds uniquely compact and durable loudspeakers that are very powerful and musically accurate. Technomad loudspeakers are impact, UV light, and fire resistant, as well as water-tight when their protective lid is attached.

The Tour Model Cairo 15/C is designed for maximum flexibility and ease of use. It can be easily stacked or tripod-mounted with 1.5" diameter stand-mount sockets molded into the cabinet on all four sides. With threaded insert flypoints on all sides, a Cairo 15/C can be easily and accurately be flown. Threaded inserts on the rear of the loudspeakers allow the Cairo 15/C to be wall-mounted using Omnimount™ 300 series brackets. The included lid protects the speaker during shipping and latches onto the back of the cabinet when the unit is being used. A large handle at each end makes carrying the Cairo 15/C easy. All hardware, including the grill is black stainless steel to prevent corrosion and is recessed to prevent damage during shipment. All units stack together with interlocking ribs during transit. Like size Tour Model cabinets lock together.

The Cairo 15/C offers exceptional low-end performance in

Fully weatherproof construction

One-piece, 1/2" thick molded cabinet

Molded-in colors will not crack or fade

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

Articulate low end response

Self-casing

Molded in 3/8-16 T-nuts allow for flying and bracket mounting

1.5" stand-mount socket on each side for horizontal and vertical deployment

MonitorTilt™ sockets on rear

Large grip handles

Three layer, chemically treated WeatherTech™ grill

Self-draining cabinet design

Twelve (12) optional cabinet colors

Mil-Spec 810E compliant

demanding full range applications. Technomad's cabinet tuning delivers exceptional bass extension, articulation, and pitch accuracy from a very small loudspeaker cabinet. Technomad loudspeakers are extremely EQ compliant and offer the user unrivaled control over every type of program material, through the entire frequency spectrum, regardless if it's recorded or live music, spoken word, sound effects, etc. The cast frame coaxial driver used in the Cairo insures point source clarity, high power handling and long life. Only the highest quality components are used in Technomad crossover networks; metalized polypropylene capacitors and heavy gauge inductors minimize insertion loss and result in smooth response throughout the operating bandwidth.

The PassiveProcessor™ option further expands the Cairo's flexibility and ease of use in mobile applications. The PassiveProcessor is an internal four position EQ circuit which shifts the optimum listening distance farther away from the loudspeaker by increasing the high frequency output of the unit. This allows a PassiveProcessor equipped Cairo to be used in both nearfield and longer-throw applications without requiring any external processing.

The Cairo 15/C is used worldwide in applications such as military PA systems, concert halls, and theme parks.

Technomad
THE TOUGHEST LOUDSPEAKERS IN THE WORLD

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Specifications

Cairo 15/C

Audio Specifications

Frequency Response	50 Hz- 18 kHz (+/- 2 dB)
	40 Hz- 18 kHz (+/- 10 dB)
Maximum Continuous Power ¹	430/450 watts
Maximum Peak Power ¹	700/800 watts
Recommended Amplifier Power	500/500 watts
Sensitivity *	98/99 dB SPL
Maximum Output (long term) ^{1**}	124/125.5 dB SPL
Maximum Output (peak)	120.5/123 dB SPL
HF Dispersion	120° V x 120° H
Nominal Impedance	8 ohms (per channel)

Signal Chain

HF	1" Compression Driver
MF	12" LF Driver
LF	15" LF Driver
Connectors	2 x Neutrik™ NL4MP Speak-on, 1 per side, recessed
Crossover	Passive Internal (for 12"/1" coax.)
70-Volt (option)	300 watt fixed tap

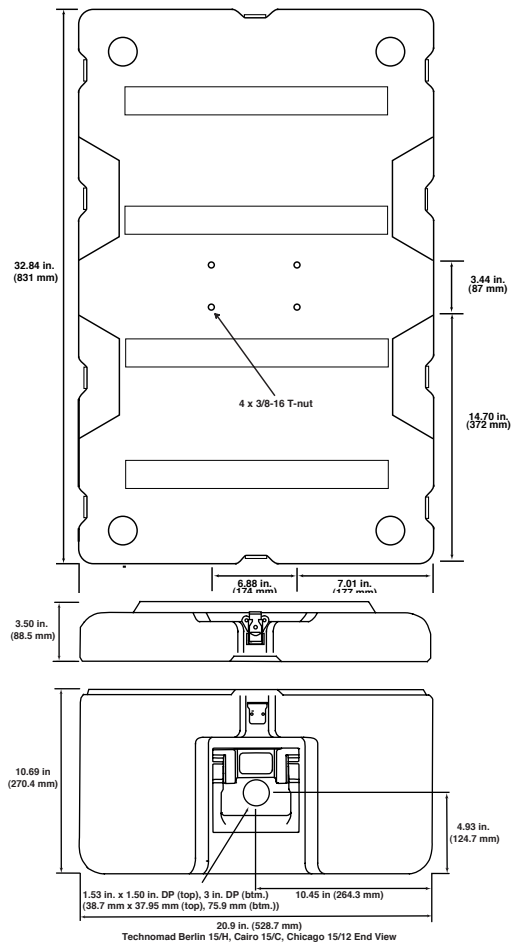
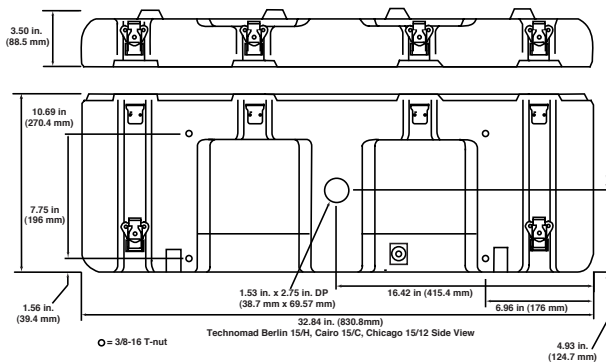
¹ Based on ALMA EIA test 426B

* RTA Total output axial 1W@1M

** Based on Maximum Continuous Power rating

Physical Specifications

Height	32.9"	83.8 cm
Width	20.9"	52.8 cm
Depth w/o lid	10.7"	27 cm
Weight	103 lb.	46.7 kg
Shipping Weight	105 lb.	47.6 kg
Fittings	16 x 3/8-16 threaded inserts (4 per side) 4 x 3/8-16 threaded inserts on back	
Standmount Sockets	4- One per side, 1.5" dia. (standard) 4 on back for MonitorTilt application.	
Handles	2- Large Easy-Grip	
Cabinet	Mid-density Polyethylene	
Grill	Powder coated steel (Black standard)	



Architectural and Engineering Specifications

The loudspeaker system shall be of bi-amped three-way type consisting of one 12" low frequency cone type transducer with a coaxially mounted 1" compression driver and a 15" low frequency cone type transducer in a vented direct radiating enclosure.

The system shall meet the following performance criteria: Frequency Response: 50 Hz -18 kHz. Power Handling: 430W Program for the 12"/1" coaxial driver, and 450W Program for the 15" driver. Rated impedance shall be 8 ohms per channel. High frequency dispersion shall be 120° V x 120° H. The system shall include an internal passive crossover network, providing full range operation via two Neutrik™ 4MP connectors.

The cabinet shall be molded from mid-density, (100% recycled if black) polyethylene. All cabinet dyes shall be non heavy metal

based. All hardware shall be stainless. The cabinet shall meet Mil-Spec 810E and be ATA-III compliant. The cabinet shall have a 10 year warranty.

The system shall include 1.5" standmount sockets on four sides. The system shall have two spring-loaded handles. The system shall have four 10-1 rated D-Ring fly-points. The system shall have a fully gasketed lid. All drivers shall be protected by a three-layer chemically treated grill system.

The loudspeaker system shall be the Technomad Tour Model Cairo 15/C.

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