

Inception Series C4 15-inch Co-ax Monitor / Side-fill Loudspeaker

Features:

- 1080 Watts Continuous Power Handling
- Coherent Wavefront Single Source Design
- Versatile Cabinet Design Allows C4 to work as Wedge Monitor, Side-Fill, Front-of-House or Center-fill Applications
- Full 60° x 60° Coverage from 2.5-inch Titanium Diaphragm Horn
- Passive/Active Switch for Single Amp Channel or True Bi-amped Cabinet Operation
- 5/8-inch (15mm) 11-ply Russian Birch Plywood Cabinet Construction
- Two All-metal Speaker Stand Adaptors
- Heavy Gauge Perforated All-Metal Grille
- Integrated Handles
- Rugged Nylon Glides

Description:

The VTC Inception Series C4 15-inch coax loudspeaker enclosure is one of the most versatile multi-purpose cabinets in the VTC line. Capable of delivering 1080 watts (continuous power) in an extremely compact and versatile cabinet, the Inception Series C4 will function as a low profile wedge monitor, as a compact front-of-house cabinet or as an ideal side fill / front fill loudspeaker.

The Neodymium magnet coaxial driver delivers 180 watts of high frequency program with full 60° x 60° degree coverage from the 2.5-inch titanium diaphragm horn assembly. The 15-inch Neodymium woofer component delivers an additional 900 watts of low frequency support.

An Active / Passive Bypass Switch on the input panel allows the VTC C4 enclosure to run as a full range cabinet with its internal passive crossover network, making it ideal for repeater and side fill applications where quick plug and play connection to a single amp channel is required. In Active mode, the internal crossover is bypassed allowing efficient bi-amp operation of the C4 for critical monitoring and sound reinforcement applications.

Two integrated 1 3/8-inch (3.5cm) pole mount adaptors allow the C4 to be oriented as required on standard heavy-duty speaker stands for side and center-fill applications where maximum SPL and coverage is required from a compact cabinet source.

Built for touring applications, the 45lb (20.5kg) VTC C4 uses a solid 5/8-inch (15mm) 11-ply Russian Birch plywood cabinet construction; integrated handles and a heavy-gauge perforated all metal grille to protect the speaker components.



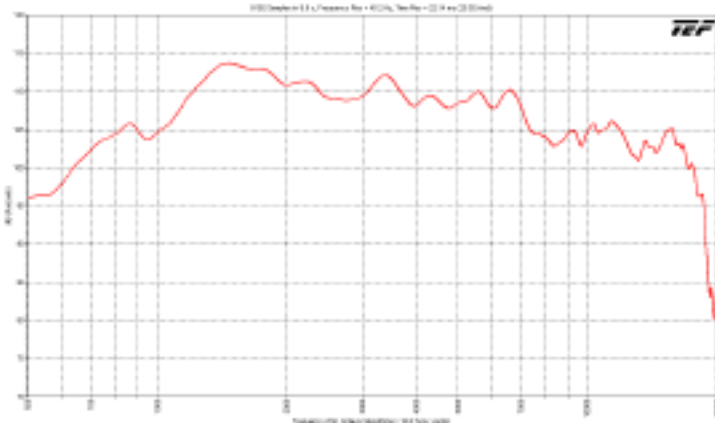
Specifications:

Driver Components:	(HF) 180 watt, 8 Ohm driver w/ 2.5-inch voice coil, Titanium Diaphragm w/ 1.4-inch exit - Neodymium magnet assembly (LF) 900 watt, 8 Ohm 15-inch woofer w/ 3.5-inch voice coil- Neodymium magnet assembly
Continuous Power	HF: 180 watts LF: 900 watts
Nominal Impedance	HF: 8 ohms LF: 8 ohms
Frequency Response	60Hz - 20 KHz (with recommended processing)
Sensitivity (measured 1W1M)	HF: 110dB LF: 98dB
Calculated Max Output (average)	HF=132dB LF=127dB
Nominal Coverage	Horizontal=60 Degrees Vertical=60 Degrees
Weight (lbs / kg)	45 / 20.5

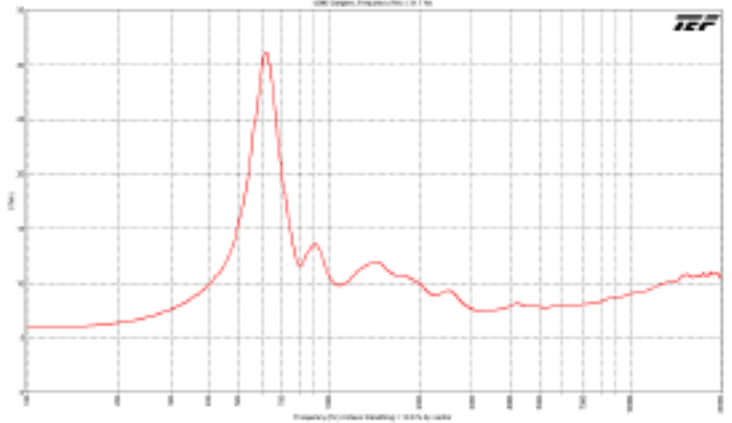
Specifications subject to change without notice.



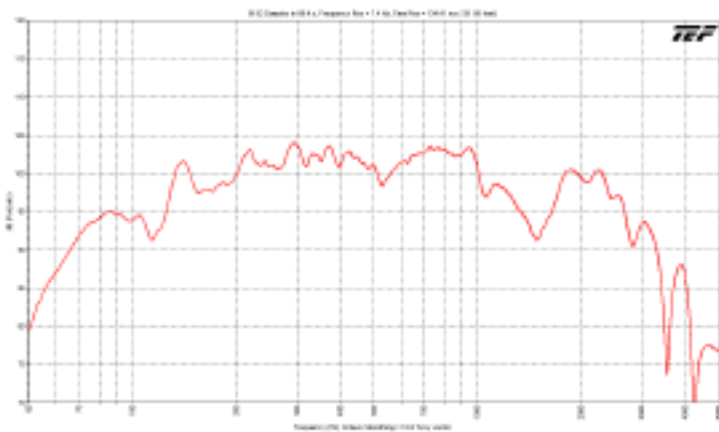
H.F. Response Unprocessed
1w (2.8V) 1m Free Space



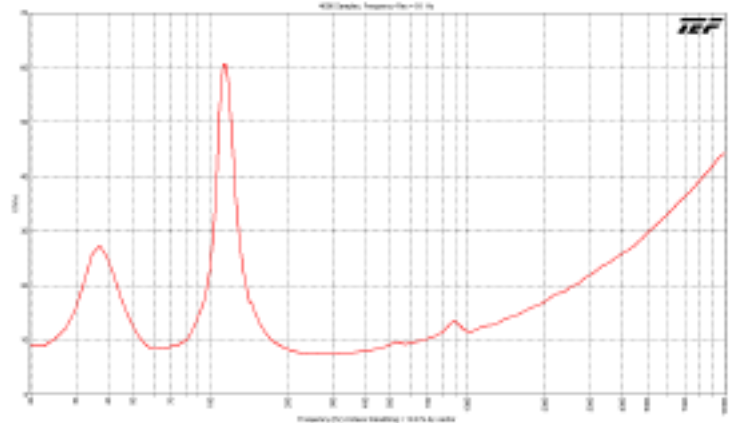
H.F. Impedance
Magnitude



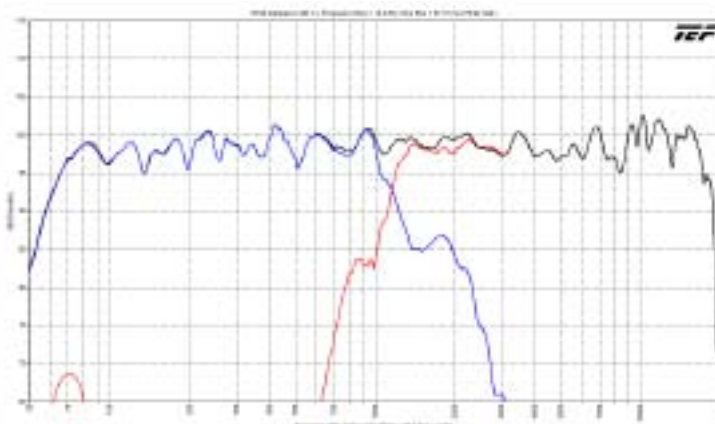
L.F. Response Unprocessed



L.F. Impedance Magnitude



Processed Frequency Response (1 Cabinet)



DLMS4080 Response
Red Curve "Low" | Blue Curve "High"

