DATA SHEET

CVi SERIES - PORTABLE PASSIVE PA SPEAKERS

CVi-152

The CVi-152 is a portable, full range, fifteen-inch 2-way main loudspeaker system designed for live music and playback applications. The CVi-152 features a high power, cast frame, fifteen inch transducer with a 2.5 inch voice coil to handle the low and low/midrange frequencies and a 34mm PETP (polyethylene terephthalate) diaphragm compression driver mounted to a 80° H x 50° V hemi conical horn for smooth, accurate on and off axis high frequency performance. Advanced crossover network designs are employed for coherent cross-band summation throughout the coverage pattern.

Applications

- Portable live sound PA
- DJ system PA
- Auditoriums
- Fill monitor
- Clubs
- Outdoor stages

Feature Data

Model	CVi-152
System Configuration	2-Way main
Connections	2 ea.—¼” Phone Jack and Neutrik Speakon
Low Frequency System	Reflex loaded 15” transducer
High Frequency System	1 inch exit 80° H x 50° V
Enclosure Type	Vented, trapezoid
Enclosure Structure	18mm OSB, internal bracing
External Covering	Black polypropylene fiber
Grille Material	18 gauge black powder coated steel

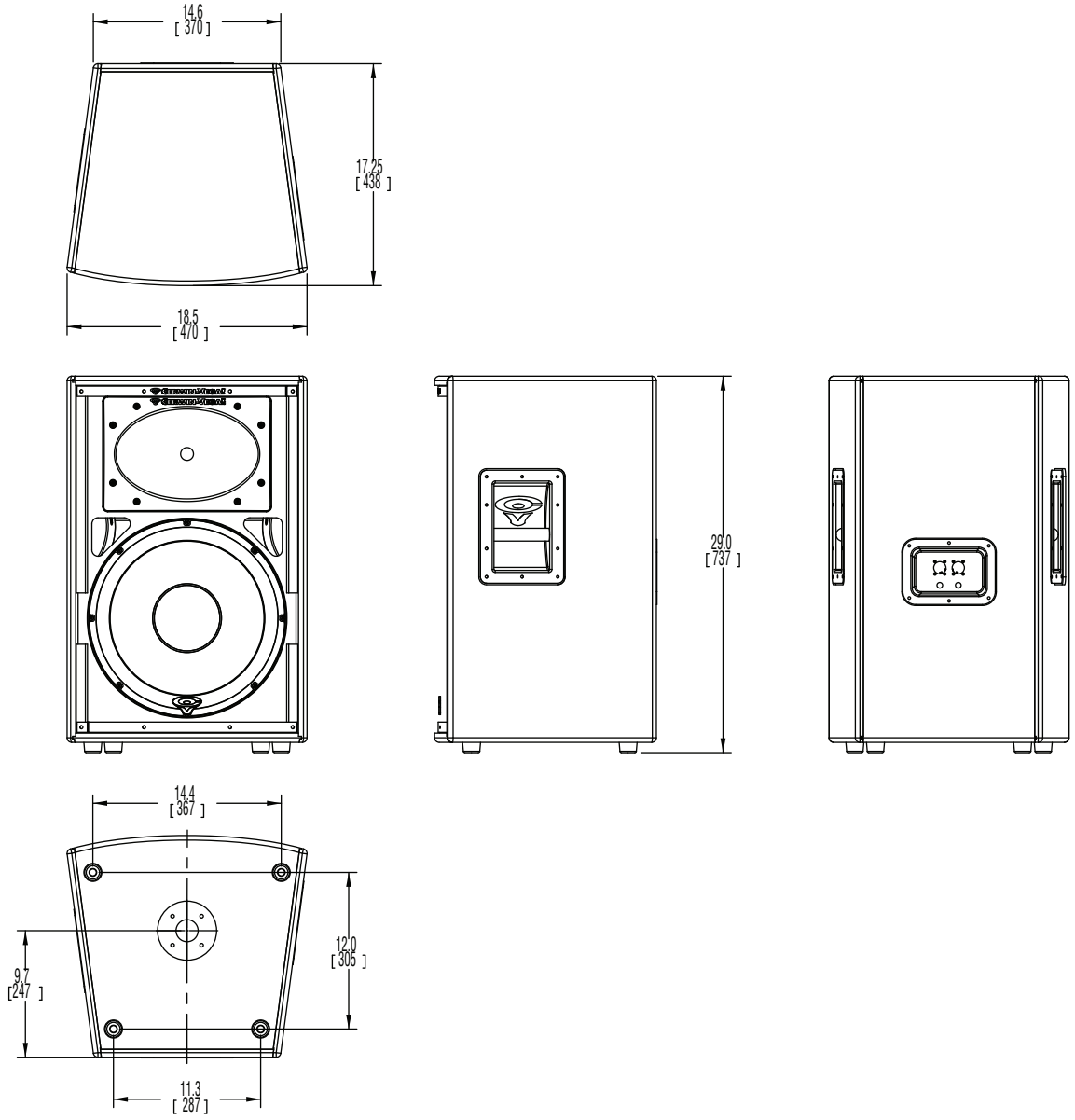
Performance & Physical Specifications

Frequency Response	+/- 3 dB 69 Hz—12 kHz
Operating Range	-10 dB 45 Hz—20 kHz
Nominal Impedance (Ohms)	Full Range 8 Ohms
Axial Sensitivity (dB SPL, 1W / 1M)	Full Range 99 dB
Calculated Maximum Output (dB SPL, @ 1M)	Full Range 129 dB
Power Handling (Watts)	RMS 250 W / Program 500 W / Peak 1000 W
Nominal Directivity / -6dB points (Degrees)	Horizontal: 80° / Vertical: 50°
Dimensions (H x W x D)	29" (737mm) x 18.5" (470mm) x 17.25 (438mm)
Weight	59.5 Lbs. (27 Kg)

CERWIN-VEGA!
The LOUD Speaker Company

Enclosure

Material: 18mm OSB (Oriented Strand Board)
Finish: Black polypropylene fiber covering
Grille: Black powder coated 18 gauge perforated steel



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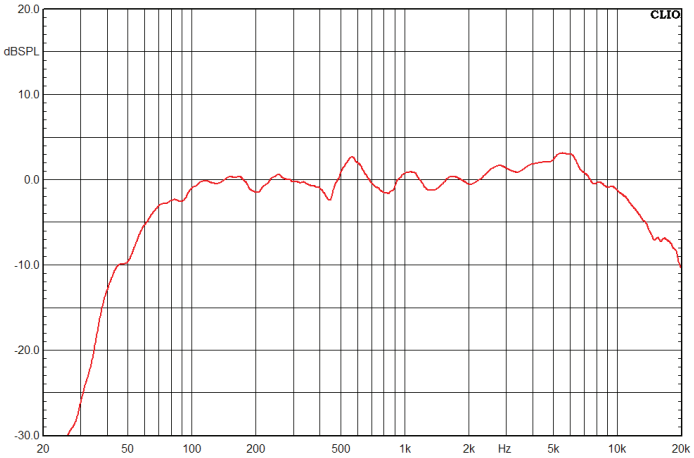
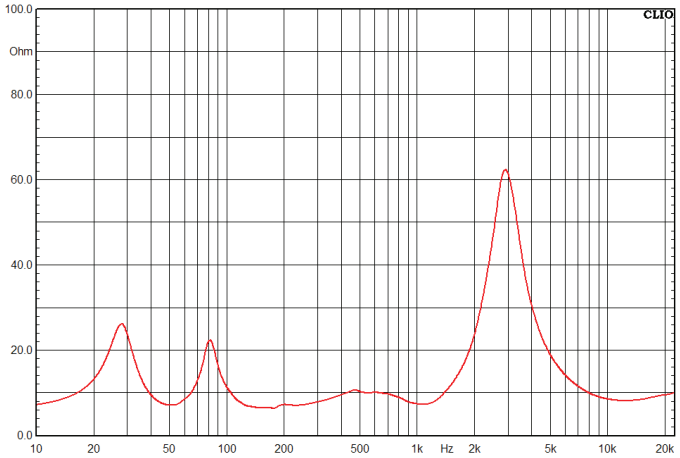
CVi-152

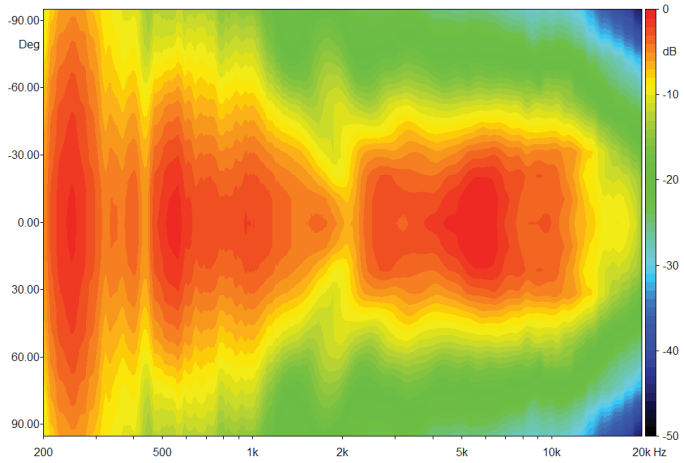
Frequency Response, Full Range



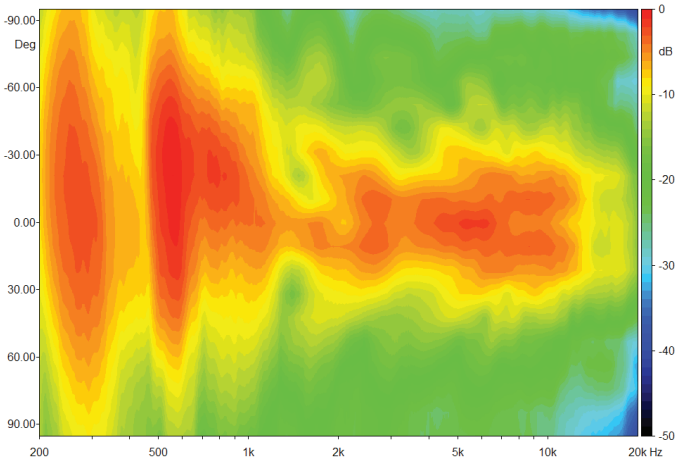
Impedance Magnitude, Full Range



Horizontal Directivity, Full Range



Vertical Directivity, Full Range



Graphical Data NOTES:

1. Frequency Response: Variation of dB SPL versus frequency. Normalized to 0dB SPL, 1/3 octave smoothing applied.

2. Horizontal Directivity: Variation of dB SPL versus frequency and horizontal off axis angle. Normalized to 0dB SPL, 1/3 octave smoothing applied to reduce insignificant details.

3. Vertical Directivity: Variation of dB SPL versus frequency and vertical off axis angle. Normalized to 0dB SPL, 1/3 octave smoothing applied to reduce insignificant details.

4. Impedance magnitude: Variation in impedance, in ohms, versus frequency. 1/6 octave smoothing applied to reduce insignificant details.