

The CVi-122M is a portable, full range, twelve-inch 2-way stage monitor / main loudspeaker system designed for live music and playback applications. The CVi-122M features a high power, cast frame twelve 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

- Stage monitor
- Portable live sound PA
- Auditoriums
- Fill monitor
- DJ system PA
- Clubs

Feature Data

Model	CVi-122M
System Configuration	2-Way stage monitor
Connections	2 ea.—1/4" Phone Jack and Neutrik Speakon
Low Frequency System	Reflex loaded 12" transducer
High Frequency System	1 inch exit 80° H x 50° V
Enclosure Type	Vented, wedge
Enclosure Structure	18mm OSB, internal bracing
External Covering	Black polypropylene fiber
Grille Material	18 gauge black powder coated steel

Performance & Physical Specifications

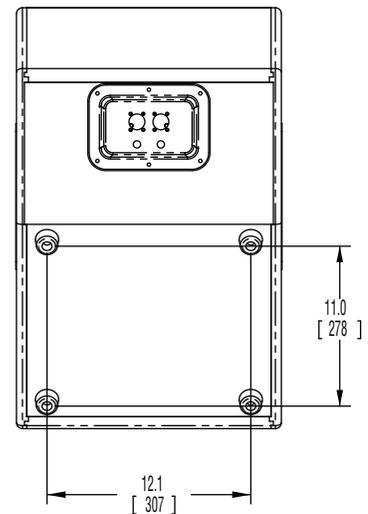
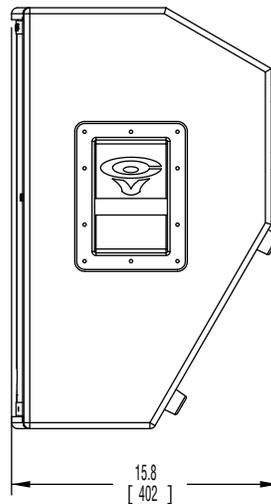
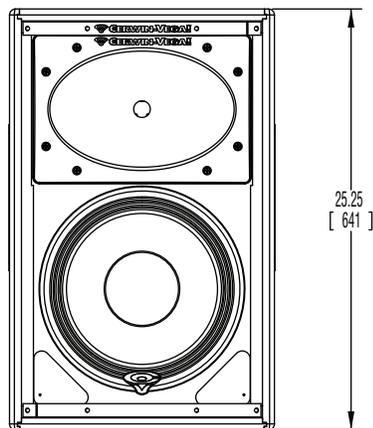
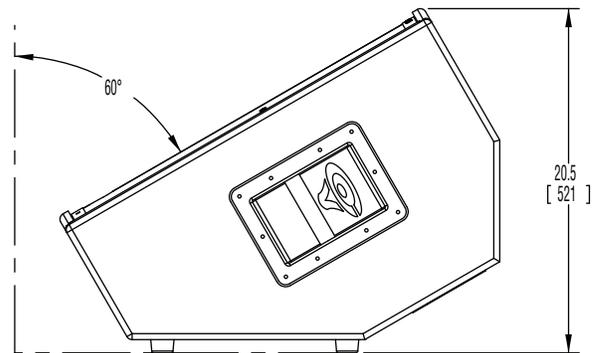
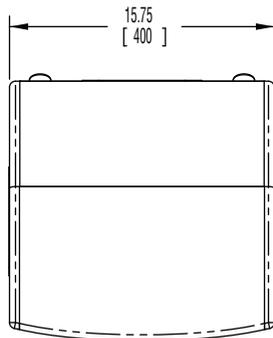
Frequency Response	+/- 3 dB 69 Hz—16 kHz
Operating Range	-10 dB 53 Hz—20 kHz
Nominal Impedance (Ohms)	Full Range 8 Ohms
Axial Sensitivity (dB SPL, 1W / 1M)	Full Range 98 dB
Calculated Maximum Output (dB SPL, @ 1M)	Full Range 128 dB
Power Handling (Watts)	RMS 250 W / Program 500 W / Peak 1000 W
Nominal Directivity / -6dB points (Degrees)	Horizontal: 80° / Vertical: 50°
Dimensions (H x W x D)	20.5" (521mm) x 15.75" (400mm) x 25.25" (641mm)
Weight	47 Lbs. (21.3Kg)

Enclosure

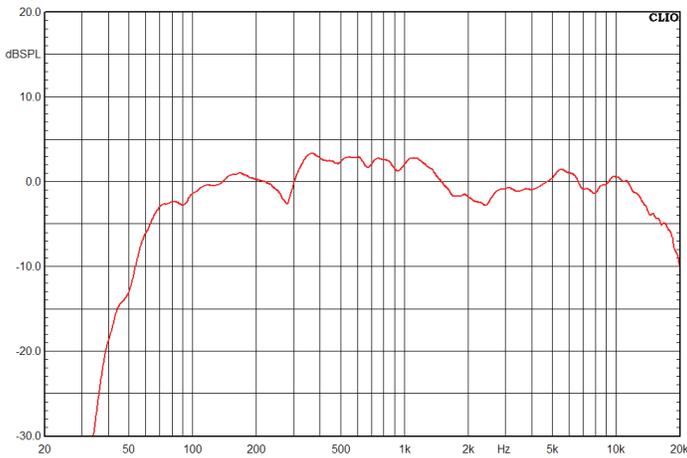
Material: 18mm OSB (Oriented Strand Board)

Finish: Black polypropylene fiber covering

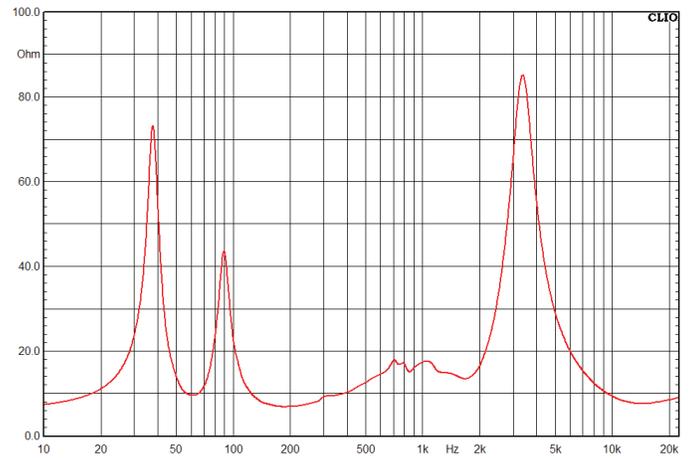
Grille: Black powder coated 18 gauge perforated steel



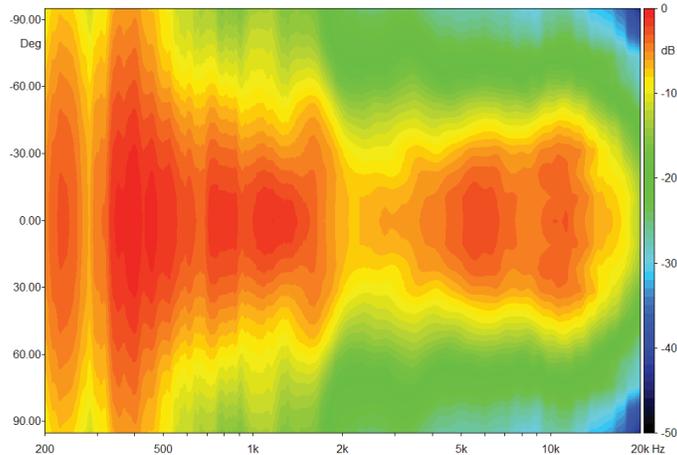
Frequency Response, Full Range



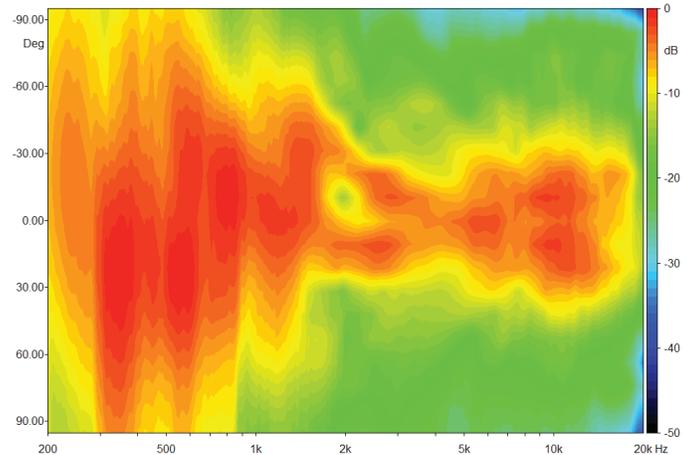
Impedance Magnitude, Full Range



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.