



The CVi-218S (Contra-Sub) is a portable, dual eighteen inch dedicated subwoofer system designed to extend and supplement the low frequency extension of CVi full range systems in live music and playback applications. The CVi-218S features two high power, cast frame eighteen inch transducers with 3" voice coils for extended use during high SPL applications. Steel handles and pole mount cup are also featured for use as a base for pole mounted full range systems. This configuration allows the two drivers to work together in the same acoustic space to reduce distortion components caused by driver mechanical non-linearity when the system is driven at high levels. The result is cleaner, smoother low frequency reinforcement at higher SPL levels.

Applications

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

Feature Data

Model	CVi-218S
System Configuration	Dedicated subwoofer
Connections	2 ea.—1/4" Phone Jack and Neutrik Speakon
Low Frequency System	Reflex loaded 18" transducer
High Frequency System	N/A
Enclosure Type	Vented, polygon
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 51 Hz—200 Hz
Operating Range	-10 dB 36 Hz
Nominal Impedance (Ohms)	Full Range 4 Ohms
Axial Sensitivity (dB SPL, 1W / 1M)	Full Range 100.5 dB
Calculated Maximum Output (dB SPL, @ 1M)	Full Range 134 dB
Power Handling (Watts)	RMS 600 W / Program 1200 W / Peak 2400 W
Nominal Directivity / -6dB points (Degrees)	Horizontal: N/A / Vertical: N/A
Dimensions (H x W x D)	46.50" (1181mm) x 20.75" (527mm) x 26.75" (679mm)
Weight	150 Lbs. (68 Kg)



DATA SHEET

CVI SERIES - PORTABLE PASSIVE PA SPEAKERS

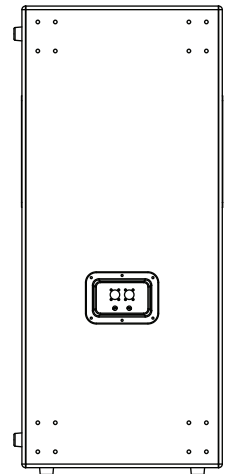
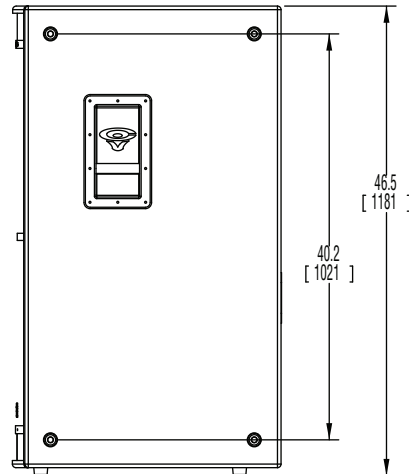
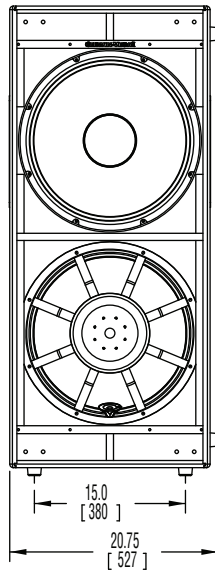
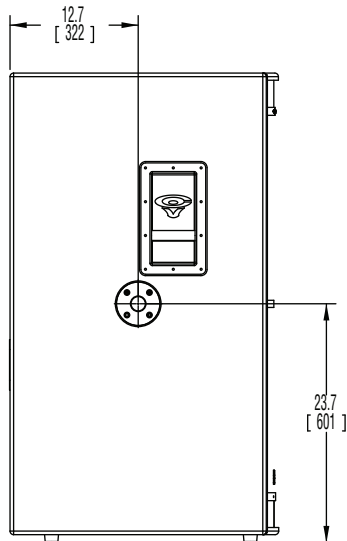
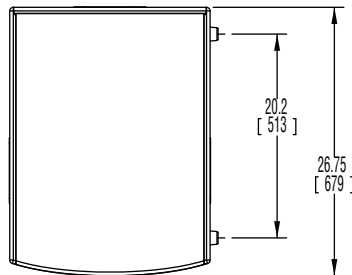
CVi-218S

Enclosure

Material: 18mm OSB (Oriented Strand Board)

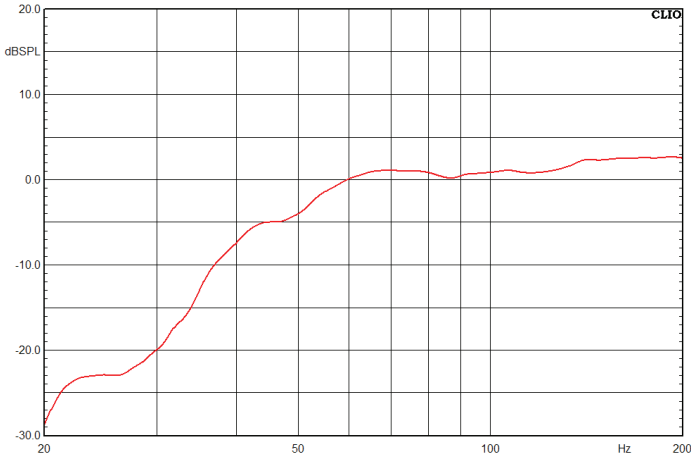
Finish: Black polypropylene fiber covering

Grille: Black powder coated 18 gauge perforated steel

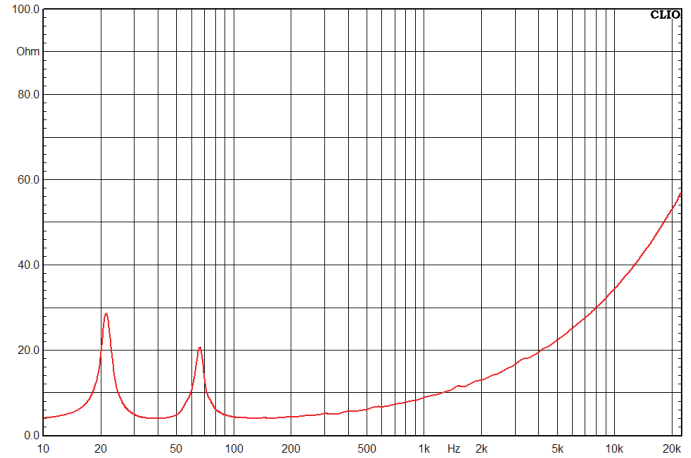




Frequency Response, Full Range



Impedance Magnitude, Full Range



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: N/A
4. Impedance magnitude: N/A