

COHESION CM-14

Compact Stage Monitor



The Cohesion Series CM-14™ is a high output, compact stage monitor designed for touring applications. Building on more than 50 years of concert touring experience, the Clair CM-14 introduces a new performance standard in compact monitor wedges.

The CM-14 features a single proprietary 14" neodymium coaxial drive unit mounted in an optimally tuned and ported enclosure. Special attention has been given to the floor coupled ports to provide low frequency impact and extension while minimizing port noise and compression in high output situations. The CM-14 accurately reproduces kick drum, bass guitar, and electronic music without the need for additional subwoofer enclosures.

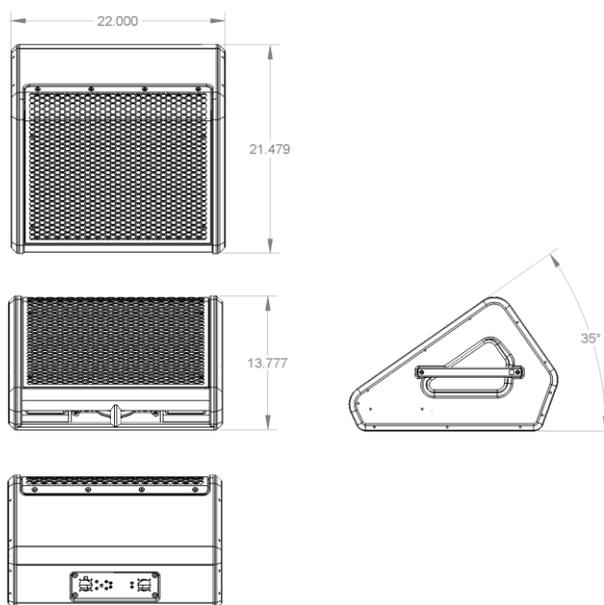
The high frequency section comprises a 1.3" exit, 3" titanium diaphragm compression driver mated to a coaxially mounted horn. Optimized using advanced boundary element modeling methods, the CM-14 horn provides linear acoustic response while maintaining precise horizontal and vertical pattern control.

The CM-14 is optimized to be used in single or multiple enclosure configurations. The high frequency horn pattern is designed to interact properly in pairs, providing smooth coverage and high gain before feedback. Amplifier presets are available for either a single unit or pair of cabinets.

A Clair signature "clam shell" case provides transportation and protection for a pair of cabinets, and allows for easy one-person handling and setup.

Designed to withstand the rigors of the road, the CM-14 is constructed of the finest marine grade Finland birch plywood. The enclosure is engineered for rock-solid rigidity without adding unnecessary weight. A cloth backed, heavy gauge aluminum grille is rugged enough to withstand severe on-stage abuse, and weather treated transducers ensure reliability in harsh environmental conditions.

As with all Clair loudspeaker products, the CM-14 is designed, engineered, and made with pride in the USA.



CM-14 Technical Data

| | | | |
|------------------|--|-------------------------|--|
| Type | Stage Monitor | Frequency Response | 48Hz-17KHz (+/- 3dB) |
| Applications | On-stage monitoring | Coverage Pattern | H: 50° V: 70° |
| Rigging Hardware | N/A | Components | LF: (1) 14" Neodymium HF: (1) 3" Diaphragm, 1.3" Exit |
| Compatible With | Clair CM Series monitors Clair CP Series subs | Power Rating (RMS/Peak) | 500/2000 W |
| Amplification | Lab.gruppen PLM+ Series | Connectors | (1) EP-4 male, (1) EP-4 female |
| Processing | Proprietary Clair/LAKE® System Presets available for multiple configurations | Weight | 49.5 lb (22.5 Kg) |
| Transportation | Clamshell style road case for two CM-14 | Dimensions | 13.8"(h) x 22.0"(w) x 21.5"(d) 351 (h) x 559 (w) x 546 (d) mm |
| Construction | Premium Finland marine plywood Proprietary multi-step epoxy paint process Powder coated aluminum grill | Wedge Angle | 35 degrees |