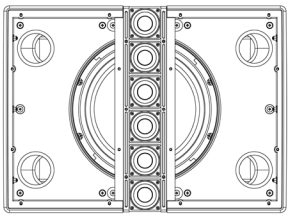
PreSonus

CDL 10P

Line Array / Point Source Hybrid Constant Directivity Loudspeaker

Key Features

- Continuous-directivity constant curve array with six 2-inch cone drivers disperses sound 120° horizontally
- 15° vertical directivity can be extended from 30° up to 90° with additional arrayable CDL10Ps
- 10-inch, long-throw LF transducer with 2.5-inch voice coil
- Low 420 Hz crossover point minimizes comb filtering and enhances line array intelligibility
- 1000 watts Class D power for high SPLs and lightning-fast transient response
- Onboard DSP: 90 Hz High-pass filter, Array Mode (1-6 boxes), Sub Mode (Off, CDL18s, ULT18, or AIR18s)
- 35 mm pole socket with 7.5˚ downward tilt for use with up to two CDL10P on a tripod or atop PreSonus® CDL Sub18 subwoofer
- Integrated flyware to create an array of up to six CDL10Ps
- Signal, -3 dB, Limiter Protection, and Clip Monitoring LEDs
- Rugged, lightweight plastic enclosure and tour-grade, 1.2 mm steel grille — great for touring bands and mobile DJs



The CDL12P loudspeakers impressed ears around the world when we introduced them, thanks in no small part to their unique, patent-pending driver design that fills venues with consistent, articulate speech and music reproduction without sacrificing consistent SPL. Now that same constant-directivity performance is available in the new CDL10P, a lighter-weight design ideal for touring bands and mobile DJs who want the same scalability and sonic performance in portable design.

Like the CDL12P, CDL10P is the result of years of research and development, combining the best attributes of point source and line array technology into a unique patent-pending design. You get clear, articulate speech intelligibility and natural music reproduction thanks to its highly focused pattern with consistent SPL throughout the frequency response range, both on- and off-axis.

The CDL10P's hybrid point-source/line-array design delivers focused sound with consistent SPL coverage both on- and off-axis, making it an excellent choice for mobile and installed applications. Rigging CDL10P enclosures is made easier thanks to integrated pin-loaded rigging hardware. A dual-angle pole mount is provided, supporting the use of one or two enclosures when pole-mounted. The CDL10P's integrated 1000W Class D power amplifier features onboard DSP presets to facilitate and simplify arrayed configurations.

Technical specifications

Type	Active 2-way
LF Driver	10" (2.5" Voice Coil)
HF Driver	6 x 2" (1" Voice Coil)
Amplifier Type	Class D
Total System Power	2000W Peak, 1000W Program (500W RMS)
LF Driver Power	1000W Peak, 500W Program (250W RMS)
HF Driver Power	1000W Peak, 500W Program (250W RMS)
Frequency Range (+/- 3dB)	48 Hz to 18 kHz
Crossover Frequency	420 Hz
Maximum Peak SPL	130 dB
Horizontal Coverage	120°
Vertical Coverage	15°
Input	Line (XLR)
Output	Direct Line Out (XLR)
Mains Connection	Locking 3 conductor AC connector In and Out
DSP Functions	HPF On/Off, No. arrayed boxes, PreSonus subwoofer configuration preset
Dims (H x W x D)	14.37" x 19.6" x 16.1" (365 mm x 500 mm x 395 mm)
Weight	46.8 lbs (21.2 kg)
Recommended Accessories	CDL10P Rigging Grid CDL10P Rigging Sling

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