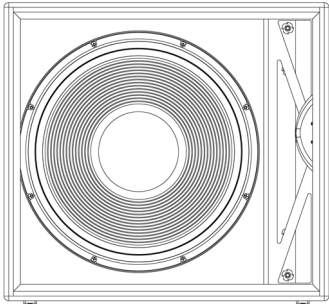


CDL Sub18

Active Sound Reinforcement Subwoofer

Key Features

- 18 – inch custom woofer with 4 – inch voice coil with 7 mm driver travel
- 2,000W Class D power (1,000 continuous)
- 1 – Balanced XLR Input
- 1 – Balanced XLR Direct Output
- Onboard DSP: Variable Low-pass filter, Output Power Preset Select, Polarity Invert
- M20 threaded pole receiver to mount PreSonus® CDL Speakers
- M10 mount points
- Signal, -3 dB, Limiter Protection, and Clip Monitoring LEDs
- Rugged, 18mm Eucalyptus Plywood Enclosure, 1.2 mm Steel Grille — great for touring bands and mobile DJs



Designed to complement any full-range PA loudspeaker and a perfect companion for the PreSonus CDL-series full-range loudspeakers, the CDL Sub18 subwoofer delivers a powerful, clear, and accurate low-end punch. With 2,000 watts (peak) of Class D power; a direct radiating, ported enclosure; and a custom 18-inch low-frequency transducer with 4-inch voice coil that provides 7 mm of driver travel before over-excursion, the CDL Sub18 produces detailed low-frequency performance audio for mobile and installed applications.

To provide maximum versatility with full-range systems, the CDL Sub18 features a variable lowpass filter, enabling you to accurately dial in the crossover transition between the subwoofer and full-range system. Two DSP presets provide extended low-frequency performance for a more natural response to suit a variety of applications. Onboard polarity invert facilitates cardioid array creation, and a Mono Mode function simplifies cabling multiple mono subs in a stereo system.

Like full-range CDL-series loudspeakers, the CDL Sub18 has a rugged, tour-grade enclosure. A locking IEC power connector, M10 rigging points, integrated castor provisions, and ground-stacking provisions make it a great choice for a wide variety of mobile and install applications. One XLR line-level input and one XLR direct line-level output are provided to connect full-range systems or multiple subwoofers in larger systems.

With flexible connectivity; a rugged, tour-grade enclosure; and generous Class D power, the CDL Sub18 delivers the versatility and punch expected from today's professional sound systems and is an excellent solution for permanent installations. Yet it's also portable, making it a top choice for tours and other mobile use. Although designed to complement CDL-series full-range loudspeakers, the CDL Sub18 is also an excellent companion for third-party loudspeakers thanks to its onboard variable lowpass filter. The CDL Sub18 delivers outstanding low-end clarity and natural music reproduction.

The CDL Sub18 is equipped with M10 rigging points for suspended installation. PreSonus recommends the use of the M10-AI Kit. A minimum of four suspension points must be used per speaker to safely suspend the CDL Sub18.

Do not suspend additional loudspeakers or other items from the CDL Sub18.

A screw-lock pole cup is also provided to support a top-mounted full-range enclosure for ground-stacked applications. When used with any full-range CDL-series loudspeaker, PreSonus supports a maximum sub pole height of 31 inches. Other configurations have not been tilt-tested for safety and should be managed with caution.

Technical specifications

LF Driver	18" (4" voice coil)
Amplifier Type	Class D
Total System Power	2,000W Peak (1,000W RMS)
Frequency Range	45 Hz to 150 kHz Variable (+/- 3dB)
Maximum Peak SPL	135 dB
Crossover Frequency	90 Hz
Low Pass Filter Range	50 Hz – 150 Hz
Inputs	1 Line (XLR)
Outputs	1 XLR Direct Line (XLR)
User Controls	Output Level, Low Pass Filter, Output Power Preset Select, Polarity Invert
Dims (H x W x D)	22.75" x 24.5" x 25" (577.8mm x 622 mm x 635 mm)
Weight	105.8 lbs (48 kg)