

PreSonus®

ULT18

2000W Active 18" Subwoofer



Key Features

- 18-inch custom transducer with 4-inch voice coil provides 7 mm of driver travel before over-excursion
- Integrated 2,000W Class D biamped power
- Fully variable lowpass filter from 50 Hz to 150 Hz
- Suspended and ground-stacked applications supported

Applications

- Mobile sound reinforcement
- Permanent installation
- Sound reinforcement for mid-sized venues

Accurate Low-end Power.

Designed to complement any full-range PA loudspeaker and a perfect companion for the PreSonus® ULT-series full-range loudspeakers, the ULT18 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 ULT18 produces detailed low-frequency performance audio pros for mobile and installed applications.

Customizable performance.

To provide maximum versatility with full-range systems, the ULT18 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.

Equally at home in mobile and installed systems.

Like full-range ULT-series loudspeakers, the ULT18 has a rugged, tour-grade birch enclosure for the distinctive performance characteristics that only wood can offer. 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. Two combo XLR and 1/4-inch TRS line-level inputs with level control and

throughputs are provided to connect full-range systems or multiple subwoofers in larger systems. As with the rest of the ULT line, you can defeat the front power-indicator LED for low-visibility installs.

Now hear *this*.

With flexible connectivity; a rugged, tour-grade enclosure; and generous Class D power, the ULT18 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 ULT-series full-range loudspeakers, the ULT18 is also an excellent companion for third-party loudspeakers thanks to its onboard variable lowpass filter. The ULT18 delivers outstanding low-end clarity and natural music reproduction.

Application and Deployment

The ULT18 is equipped with 12 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 ULT18.

Do not suspend additional loudspeakers or other items from the ULT18.

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 ULT-series loudspeaker, PreSonus supports a maximum subpole height of 31 inches. Other configurations have not been tilt-tested for safety and should be managed with caution.

Optional Accessories (Sold Separately)

The following optional accessories are available:



Suspension Kit (M10AI-KIT). The M10 suspension kit is intended for use with all ULT-series full-range models and includes four M10 eyebolts.

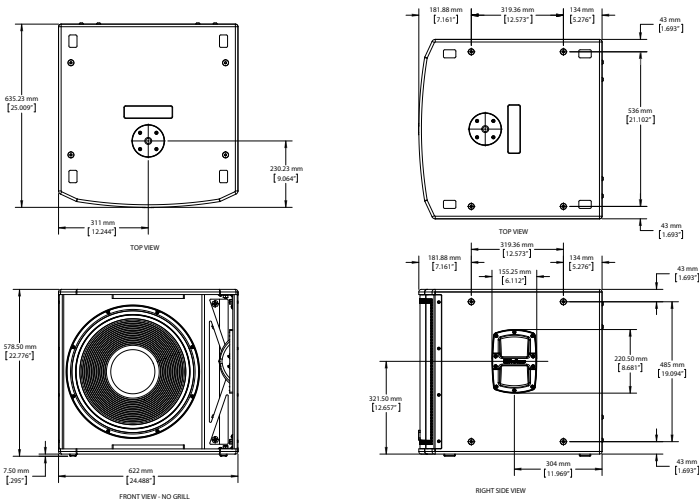


ULT18-Cover Protective Soft Cover. This protective soft cover is custom-fitted for the ULT18. Tough, rip-resistant material protects loudspeaker cabinets during transportation. A cutout allows access to the handles.



Custom Subpole (SP1BK). Use the custom, threaded pole to mount a ULT-series full-range loudspeaker over an ULT18 subwoofer. Pole lengths have been measured and tested for system stability.

Technical Specifications



Type	Active Subwoofer
LF Driver	18" (4" voice coil)
Amplifier Type	Class D
Total System Power	2,000W Peak (1,000W RMS)
Frequency Range	42 Hz – 150 kHz Variable (± 3 dB)
Maximum Peak SPL	135 dB SPL
Crossover Frequency	90 Hz
Low Pass Filter Range	50 Hz – 150 Hz
Inputs	2 Line (combo)
Outputs	2 Direct Line Out (XLR)
User Controls	Output Level, Low Pass Filter, Preset Select, Polarity Invert On/Off, Mono On/Off, Front LED On/Off
Indicators	Signal, Clip, Over Temp
Enclosure	15 mm Eucalyptus plywood
Mounting	Ground stack provisions, 12 M10
Handles	2 (Side)
Dimensions (H x W x D)	22.5" x 25" x 24.5" (572 mm x 635 mm x 622 mm)
Weight	95 lbs. (43 kg)

