

Professional Powered Speakers

EUROLIVE B1800D-PRO B1500D-PRO

High-Performance Active 1400-Watt 15"/18" PA Subwoofers

- High-performance 1400-Watt powered subwoofer for PA applications
- Powerful 15" / 18" long-excursion transducer with high temperature voice coil provides incredibly accurate and pulse-pounding bass
- Extremely high sound pressure level (126 dB half space 1 W @ 1 m)
- Precise reproduction of ultra-low frequencies (35–150 Hz) for "bulletproof" punch and impact
- State-of-the-art 1400-Watt Class-D amplifier with comprehensive over-excursion, thermal and clip limit protection
- Built-in active stereo crossover provides high-pass filtered outputs for full-range loudspeakers
- Tunable and switchable Bass Boost plus Phase switch for ultimate low-frequency performance
- Variable High Cut control for perfect sound alignment
- Subwoofer Level control to adjust the balance between subwoofer and the full-range speakers
- Power, Signal and Clip LEDs for perfect monitoring
- Intelligent limiter for maximum sound performance and woofer protection
- Internal switch-mode power supply for noise-free audio, superior transient response and very low power consumption
- Pole socket for mounting with commercial spacer poles
- Ergonomically shaped handles for easy transport
- Rugged steel grill for optimal speaker protection
- High-quality components and exceptionally rugged construction ensure long life
- Conceived and designed by BEHRINGER Germany

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Our EUROLIVE B1500D-PRO and B1800D-PRO active subwoofers are destined to become the new standard in low-frequency reproduction. Packed with an incredible array of truly professional features, these brutes provide extreme levels of low-end punch, with the kind of definition and clarity typically reserved for much larger systems.

Class-D amplifiers (with switch-mode power supplies) drive the custom-designed low frequency drivers for sonically optimized output. And the best part of all—these new B1500D-PRO and B1800D-PRO provide a much better power-to-weight ratio than many competing active subwoofers. Powered

by 1400 Watts — in your choice of 15" and 18" versions. As always, the speakers are made by BEHRINGER in our own factory.

Put simply, these cool-running systems are much lighter, making them ultra-easy to transport and set up—and our no-compromise design means you get amazingly-deep, chest-pounding bass that will keep the party going all night long. They'll add needed bottom-end to your active full-range speaker system.

What is Class-D Technology?

Instead of operating relatively continuously like Class AB circuits, Class-D amps switch on and off thousands of times

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EUROLIVE B1800D-PRO B1500D-PRO

per second, delivering power only when needed. In other words, the amplifier is either fully on or fully off, which significantly reduces power losses from the output devices given off as heat. Less heat means our amps don't need massive heat sinks, and that means we can make them lighter. Our no-compromise design means the B1500D-PRO and B1800D-PRO will deliver full power with incredible fidelity all night long, without the need for lengthy rest cycles.

When used in conjunction with switching-mode power supplies, which don't require huge and heavy transformers, our Class-D amplifiers provide tremendous dynamic punch and superior fidelity. The resulting speaker systems are much lighter, making them easy to transport and set up.

Custom-Designed Transducers

The transducers (woofers and tweeters) are the only part of a sound system you actually hear, so we don't cut any corners. We custom-design and built our transducers from scratch. Not only do we wind our own voice coils, we process the paper pulp into cones and even machine our own backplates. This enables us to control the quality, and frankly, make better components.

Take Control

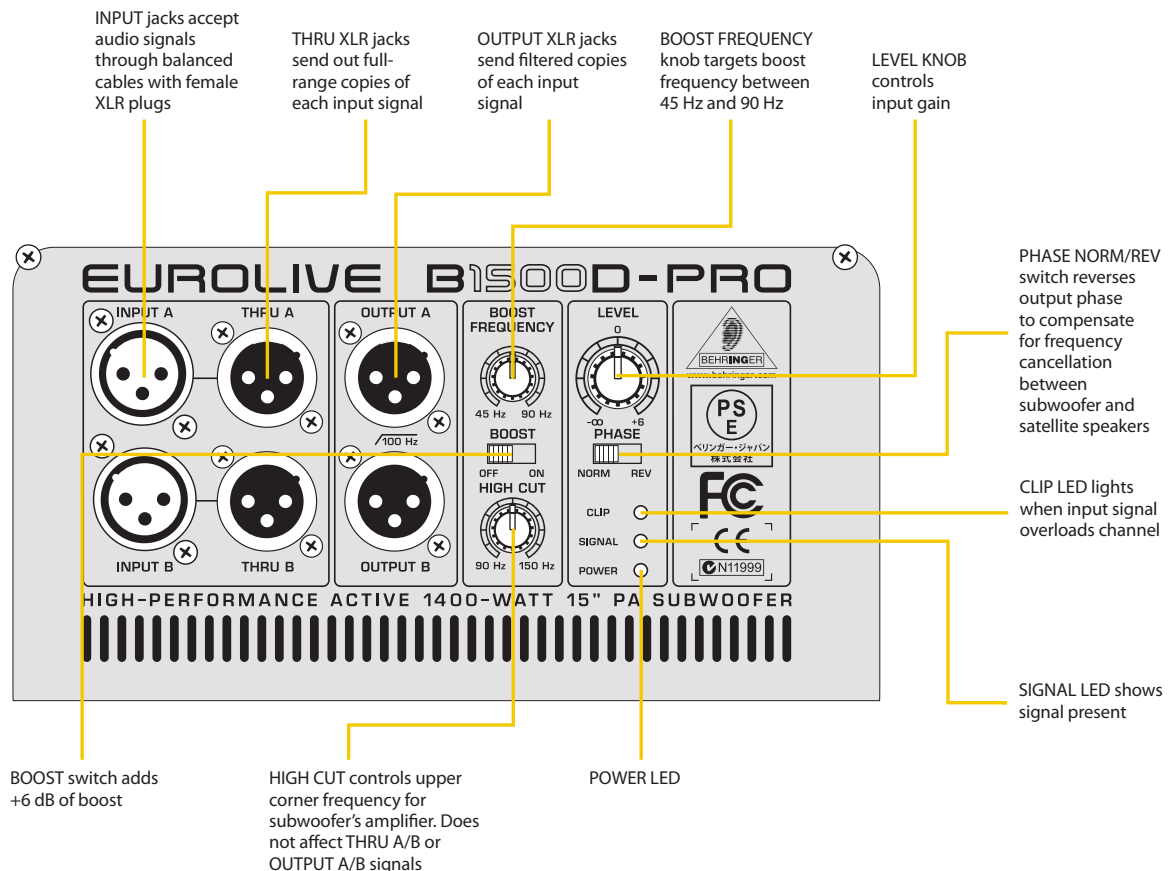
The B1500D-PRO and B1800D-PRO feature balanced XLR inputs and outputs, as well as balanced XLR THRU jacks for connecting additional enclosures. A BOOST FREQUENCY knob targets a boost frequency between 45 Hz and 90 Hz. Flick the BOOST switch to give your selected frequency a +6 dB boost. These subs also feature a HIGH CUT dial to control the upper corner frequency for the subwoofer's amplifier. The HIGH-CUT

dial affects only the signals directed to the subwoofer. The Output A and B sockets have a fixed high-cut of 100 Hz for connecting full-range active loudspeakers. A LEVEL knob controls the input gain, and the PHASE switch reverses output phase to compensate for frequency cancellation between the subwoofer and satellite speakers. LEDs show operational status at a glance, including power, signal present and input overloads.

Which Speaker Do I Need?

As you have probably noticed, we make these subwoofers in two different woofer sizes. Which one is right for you? An 18" woofer has more surface area with which to move air than a 15". If you're engineering sound for a small jazz combo in a small club, the B1500D might be all the speaker you need. If you need to provide pounding techno sounds to a standing room only nightclub, the B1800D might be the better choice.

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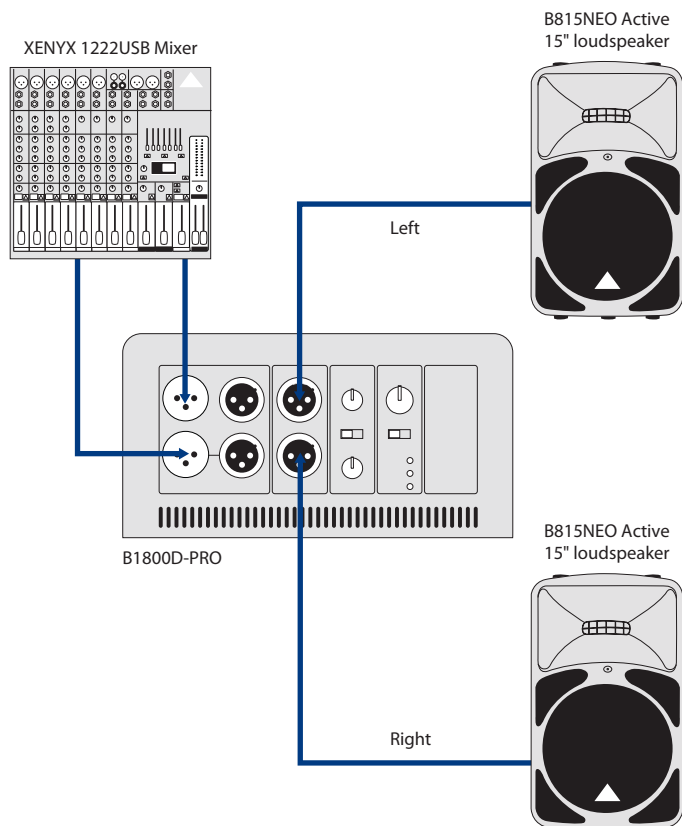
EUROLIVE B1800D-PRO B1500D-PRO

Value

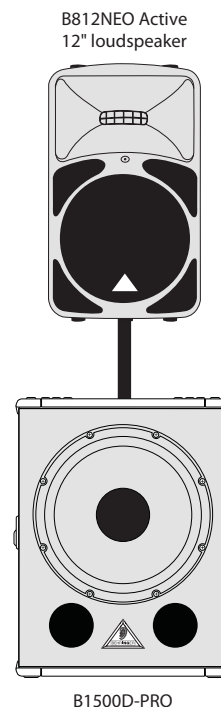
Plenty of power, light weight, amazing sound, tough durability and affordability—you get it all with the B1500D-PRO and B1800D-PRO. Plus, you get tremendous

tone-sculpting capability, thanks to an impressive array of filtering options. Check out these high-tech heavy hitters at your nearest BEHRINGER dealer and let them redefine your low end.

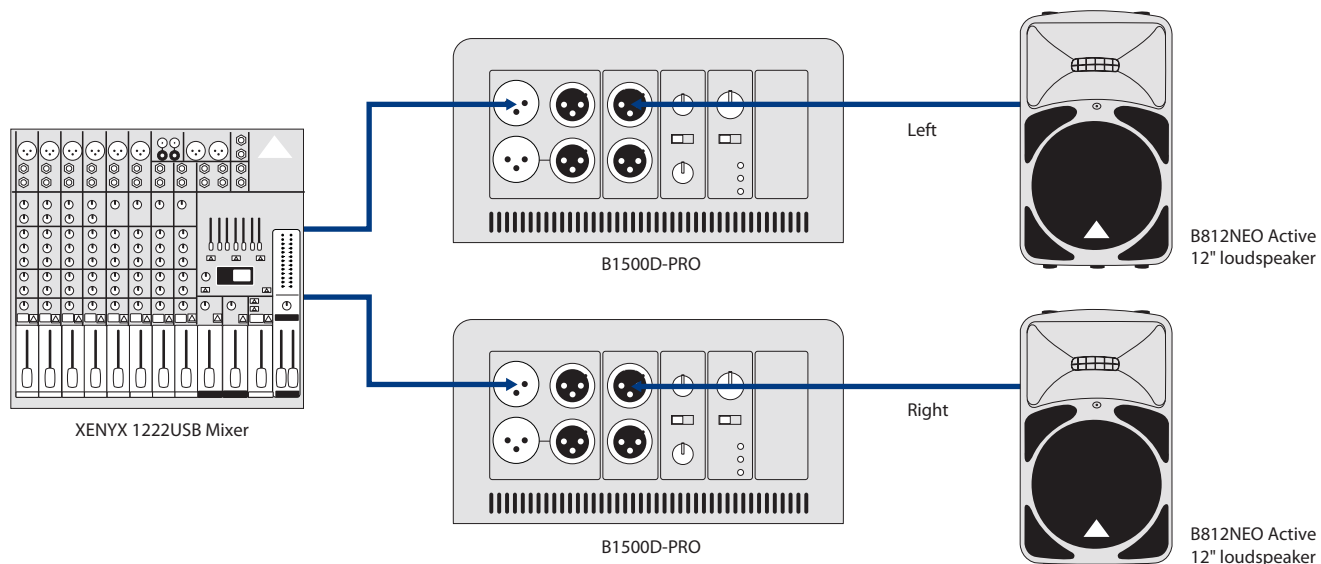
Single Subwoofer with Stereo Mains



Active Stack Application



Dual Subwoofers with Stereo Mains



EUROLIVE B1800D-PRO B1500D-PRO

B1500D-PRO/ B1800D-PRO

AMPLIFIER POWER OUTPUT

RMS	1000 W @ 4 Ω
Peak	1400 W @ 4 Ω

AUDIO INPUTS

INPUT A / B	XLR (servo-balanced)
Sensitivity	-40 dBu to +10 dBu
Input impedance	10 k Ω unbalanced, 20 k Ω balanced

AUDIO OUTPUTS

THRU A / B	XLR (servo-balanced)
OUTPUT A / B	XLR (servo-balanced)
High-pass filter	100 Hz, Butterworth, 12 dB slope

CONTROLS

B1500D-PRO/ B1800D-PRO

LEVEL	$-\infty$ to +6
Input sensitivity	0 dB (LEVEL control @ 12 o'clock)
BOOST FREQUENCY	45 Hz - 90 Hz; Q = 1; +6 dB
BOOST	dip switch
HIGH CUT	Variable-frequency high-cut filter, 90 - 150, Butterworth, 24 dB slope
PHASE	dip switch

LOUDSPEAKER SYSTEM DATA

B1500D-PRO/ B1800D-PRO

Frequency Response	20 Hz - 200 Hz (-10 dB) 35 Hz - 150 Hz (+/-3 dB)
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Signal-to-Noise (20 Hz to 20 KHz)	> 100 dBA
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Sound pressure level	max. 130 dB @ 1 m
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B1500D-PRO

Woofer	15 inch, 4 Ω
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B1800D-PRO

Woofer	18 inch, 4 Ω
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B1500D-PRO/ B1800D-PRO

Limiter	VCA CLIP Limiter, fixed
CLIP LED	Red
SIGNAL LED	Green
POWER LED	Blue

CIRCUIT PROTECTION

B1500D-PRO/ B1800D-PRO

Amplifier Protection	Full short circuit, open circuit, thermal, ultrasonic, RF protection. Stable into reactive or mismatched loads
Load Protection	Turn-on/off muting, DC

POWER SUPPLY

B1500D-PRO/ B1800D-PRO

Voltage (Fuses)

USA / Canada	120 V~, 60 Hz (T 12 A H 250 V)
UK / Australia	240 V~, 50 Hz (T 6.3 A H 250 V)
Europe	230 V~, 50 Hz (T 6.3 A H 250 V)
Japan	100 V~, 50-60 Hz (T 12 A H 250 V)

POWER CONSUMPTION

B1500D-PRO/ B1800D-PRO

Power consumption	max. 1200 Watts
Mains connection	Standard IEC receptacle

DIMENSIONS/WEIGHT

B1500D-PRO

Dimensions (HxWxD)	18.3 x 27.6 x 19.0" 465 x 700 x 482 mm
Weight	66.2 lbs / 30 kg

B1800D-PRO

Dimensions (HxWxD)	21.6 x 27.6 x 21.1" 547 x 700 x 535 mm
Weight	83.8 lbs / 38 kg

BEHRINGER is constantly striving to maintain the highest professional standards. As a result of these efforts, modifications may be made from time to time to existing products without prior notice. Specifications and appearance may differ from those listed or illustrated.

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