



APPLICATIONS

- Restaurants, Bars, & Lounges
- Performance & Entertainment venues
- Nightclubs
- Theaters & Multipurpose Centers
- Fitness & Sports venues
- Houses of Worship

High-Power Passive Subwoofer

BL18S

Engineered as a versatile, powerful low-frequency reinforcement system, ideal for dynamic venues requiring demanding full-range audio reproduction and performance.

FEATURES

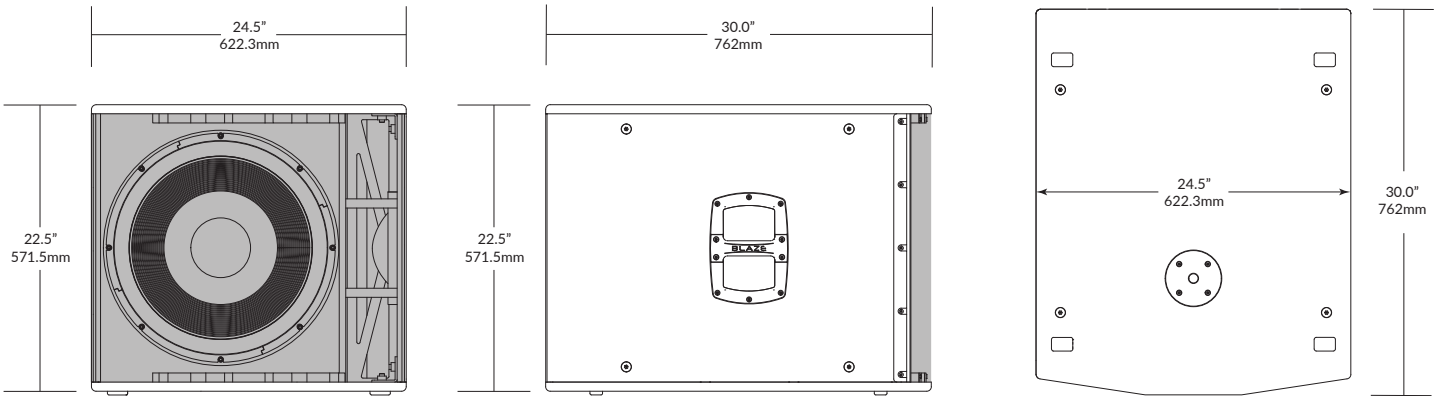


The BL18S complements the CBL series, seamlessly integrating with CBL523 and CBL528 loudspeakers to create a versatile full-range system for small to medium venues. This free-standing subwoofer features an 18-inch driver delivering frequencies down to 31 Hz (-10 dB) and 136 dB SPL, with optional casters for mobility.

Powered exclusively by PowerZone™ Connect amplifiers (3004 or higher), multiple BL18S units can be arrayed for omnidirectional or cardioid coverage patterns, optimizing sound distribution through amplifier presets.

- **Dynamic and Versatile:**
Ideal for both background and foreground music applications.
- **Perfect Integration:**
Complements the Constant Beamwidth Loudspeakers series, including the CBL523 and CBL528 loudspeakers, to create a complete full-range system.
- **Flexible Installation:**
Fixed installation with portable capabilities thanks to built-in casters and handles.
- **Adaptable Design:**
Perfect for hybrid venues, providing a single sub solution for multiple applications.
- **Value-Driven Solution:**
Offers professional performance at a competitive price point.

TECHNICAL SPECIFICATIONS



SYSTEM PERFORMANCE

Frequency Response (-3 dB)*	36 Hz – 150 Hz
Frequency Range (-10 dB)*	31 Hz – 150 Hz
Recommended Low-Pass Filter	90 Hz
Nominal Directivity (-6dB)	Omnidirectional or cardioid
Long Term Power Handling Capacity**	1200 W AES, 2400 W (4800 W peak)
Impedance	8 Ω
Maximum SPL @ 1m***	136 dB
Transducer Components	1 x 18 inch, 4" voice-coil

PHYSICAL CHARACTERISTICS

Enclosure	Baltic birch plywood, engineered plastics.
Finish	Two-part spray catalyzed Polyurea coating on plywood.
Grille	14-gauge (2 mm) perforated steel, powder-coated finish, black.
Environmental	Indoor use only.
Connectors / Bi-Amp	Two (2) parallel-wired NL4 Neutrik® speakON® connectors.
Suspension / Mounting	Freestanding, M20 threaded pole mount.
Dimensions (HxWxD)	22.5" x 24.5" x 30" 571.5 mm x 622.3 mm x 762 mm
Net Weight	131.5 lbs / 59,65 kg
Shipping Weight	147 lbs / 66,69 kg
Color Variants	Black
Product Version	BL18S

*Frequency response and range measured on-axis with anechoic environment.

**Power handling tested using pink noise filtered to meet IEC 268-5, 6 dB crest factor, 100 hours, with recommended EQ.

***Peak level measured at 1m under free field conditions using 10 dB crest factor pink noise with specified ([Blaze Audio] preset) and corresponding EQ settings.