

# BLAZE

The high-power passive subwoofer, BL18S completes the CBL series from Blaze Audio and is specifically crafted to integrate seamlessly with the CBL523 and CBL528 Constant Beamwidth Loudspeakers, providing a complete full-range audio system that enhances sound quality and performance for small to medium-sized venues that require scalable and versatile low-frequency solutions.



Designed primarily for free-standing installations, the BL18S features an 18-inch bass driver housed in a reflex-loaded enclosure, delivering low-frequency bandwidth down to 31Hz at -10dB, with maximum sound pressure levels reaching 136dB at 1m. Multiple BL18S subwoofers can be installed in stacked pairs and configured via amplifier presets to deliver either omnidirectional or cardioid directivity characteristics, ensuring exceptional sound distribution.

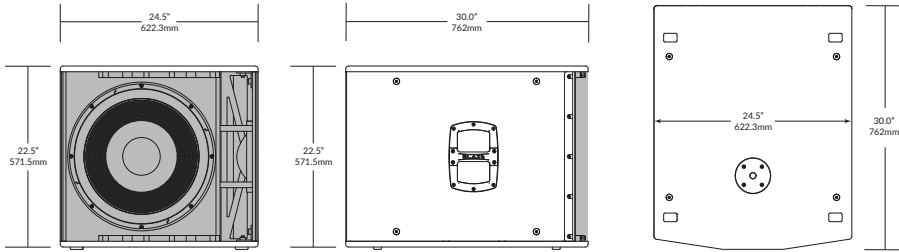
For added convenience, the subwoofer comes equipped with optional casters that can be fitted to the rear panel, facilitating easy handling and installation in hybrid venues.



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## 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 $\Omega$
Maximum SPL @ 1m***	136 dB
Transducer Components	1 x 18 inch, 4" voice-coil

\*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.

### 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

Scan QR code to access full datasheet



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