



# Dolby SB218XL

## Dual 18"

### Subwoofer



#### Impact, energy, and realism

The new Dolby® SB218XL is a double 18" driver front-loaded subwoofer designed to deliver deep, clean, and impactful sub-bass audio. SB218XL helps make your premium large format auditorium into a chest-thumping, unforgettable, immersive experience.

Featuring two 18" pro-audio drivers with 4" voice coils, the SB218XL is constructed using quality materials and employs our advanced input plate which allows a user to select an individual or parallel configuration without having to open the cabinet.

Engineered with versatility in mind, the SB218XL cabinets can be stacked and are equipped with rubber feet and indexing recessions as well as threaded inserts which when used with the BKT.136 tie plates and the BKT.FLR floor brackets (both sold separately) allow for both the mechanical coupling of units, as well as the mechanical connection of the speaker stack (two units maximum per stack) to the auditorium mounting surface.\*

#### Key features

- Pro-Audio quality, dual-18" subwoofer drivers that utilize 4" voice coils (up to 48 mm of peak-to-peak excursion), optimized cooling system, and an aluminum demodulation ring for reducing distortion
- Developed for use in high-performance, premium large format (PLF) cinema applications where the most impactful LFE performance is required for either Dolby Atmos®, Dolby Surround 7.1 or Dolby Surround 5.1 auditoriums
- Advanced input plate featuring high-current, spring-loaded terminal block and a unique flip card PCB allowing quick, simple individual, or parallel wiring configuration
- Individual acoustic chambers and porting for each driver enhance performance, structural integrity, and reliability
- Included rubber feet on the bottom and stack indexing recesses on the top for easy stacking of two (2) units
- Threaded inserts for use with the BKT.136 tie plates and BKT.FLR floor plates (both sold separately)
- Balance centered handles - eases unpacking and placement of the speaker cabinet(s)



# Dolby DSB218XL Dual 18" Subwoofer Speaker

## Specifications\*\*

Frequency range <sup>1</sup>	22 Hz - 170 Hz
Usable LF response <sup>2</sup>	19 Hz
Coverage window	Omni
Rated impedance	4 Ohms / 8 Ohms independent drive
Sensitivity @ 1 watt <sup>3</sup>	102 dB
Power handling <sup>4</sup>	1600 W @ 80 Vrms
Power draw <sup>5</sup>	1140 W
Maximum voltage peak <sup>6</sup>	200 Vpk
Maximum continuous SPL @ 1 meter <sup>7</sup>	134 dB
Measured acoustic peak SPL @ 1 meter <sup>8</sup>	144 dB
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Transducers	LF - 18" woofer (x 2)
Enclosure	Wood
Accessories	BKT.136 tie plates and BKT.FLR floor brackets (both sold separately)
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Dimensions (unit)	30" H x 50.5" W x 25.2" D (76.2 x 128.26 x 64 cm)
Weight (unit)	207.5 lb. (94.1 kg)
Dimensions (shipping)	33.95" H x 56.5" W x 31.8" D (86.23 x 143.52 x 80.75 cm)
Weight (shipping)	225.5 lb. (102.3 kg)

1. -6 dB in half-space conditions using required processing

2. -10 dB in half-space conditions

3. Measured with 12 dB crest pink noise @ 2 Vrms in ground plane conditions with required HPF and LPF. Sensitivity interpolated to 1 m.

4. 8 dB crest pink noise for two hours with required HPF and LPF, calculated power based on rated impedance

5. Measured average power over 5 seconds at the rated Vrms using 8 dB crest pink-noise with required HPF and LPF. This measured power draw from the amplifier is useful for estimating amplifier sizing in overall system design.

6. Measured Vpk over 100 hours using a Hann shaped sine-wave burst at the maximum excursion frequency of the system. This data is useful for setting peak stop limiters and amplifier selection

7. Calculated from rated sensitivity and power

8. Measured peak SPL over 5 seconds at rated Vrms using 8 dB crest pink noise with required HPF and LPF

The English version of this document is the only legally binding version.

Translated versions are not legally binding and are for convenience only.

\* See Owner's Manual for detailed installation instructions. Do not mount without reading Owner's Manual.

\*\*Specifications are subject to change without notice.

This documentation applies to Model CID 1032



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