

S118LP

Mainstream cinema | Immersive auditoriums | Post production | Premium large format

Low profile 18" subwoofer that delivers powerful, deep bass for the reproduction of Low Frequency Effects



Key features:

- › **Easy to integrate** – low profile, low-light reflective enclosure allows for discreet placement in any auditorium
- › **Better sounding bass** – tightly controlled and powerful with low distortion for accurate low frequency reproduction
- › **Exceptional acoustics** – each driver has a discrete, internal extra large ported enclosure
- › **Cleaner listening** – heavily cross-braced for minimal enclosure resonance
- › **Powerfully efficient** – Minimizes the required amount of subwoofers in a system

EXTENDED BASS SHELF TUNING

Large volume enclosure tuned to 23Hz for low frequency effects



Specifications

Christie S118LP (145-180100-01)

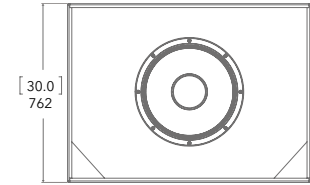
System type	• Subwoofer, ported enclosure, with EBS (Extended Bass Shelf) tuning
Driver components	• 18" low frequency driver with dual 4" voice coils and long linear excursion
Crossover	• External active electronic bandpass filter is required for proper operation • High pass: Butterworth 24dB/octave @ 20Hz • Low pass: Bessel 24dB/octave @ 250Hz
Frequency response¹	• 20-250Hz @ -10dB • 24-200Hz @ -6dB
Maximum SPL^{2,3}	• 127.5dB SPL continuous • 139.5dB SPL peak
Sensitivity¹, 1W/1m	• 97.5dB (40-150Hz)
Power handling^{2,3}	• 1000W (AES) continuous • 2000W (IEC) short term
Recommended amplifier power	• 825-1150W (FTC) @ 8 ohms
Rated impedance	• 8 ohms
Input connectors	• Screw terminal barrier strip
Enclosure	• Premium MDF cabinet • High cubic displacement • Heavily cross-braced for minimal enclosure resonance • Ported and tuned to 23Hz with EBS • Two built-in handles
Mounting	• Secured to floor or platform using suitable lag bolts as required • Not to be flown
Dimensions	• (LxWxH) 40.8 x 15.5 x 30" (1037 x 394 x 762mm)
Net weight	• 93lbs (42kg)
Warranty	• Limited 5-year warranty

¹ Rated for free space conditions at 1m. Measured at 2m, ground plane conditions, with value calculated for free space conditions at 1m.

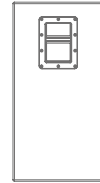
² AES refers to AES2-2012 standard. Pink noise with 6dB crest factor at 1m. Max continuous SPL calculated based on sensitivity and AES power handling.

³ IEC refers to IEC 60268-5 standard. IEC pink noise with 9dB crest factor. Maximum peak SPL calculated using peak voltage during IEC short-term power test.

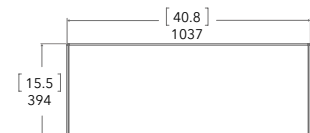
Front view



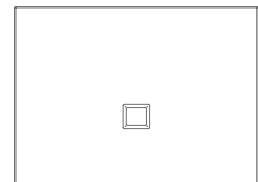
Side view



Top view



Back view



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