Ribbon driver line source surround loudspeaker for cinema auditoriums

Key features:

› Easy to install – Lighter weight single enclosure for faster, simple set up
› Application versatility – Rotatable waveguides provide more flexibility for mounting
› Exceptional acoustics – clear and expansive sound with higher dynamic range
› Extended listening comfort – distortion-free signal reproduction for no listening fatigue through the movie
› Delivers emotion in every scene – greater impact when loud, better detail when quiet
› Easy to integrate – Slim, low-light reflective enclosure allows for discrete placement in any auditorium

PLANAR RIBBON DRIVERS

Ultra-low mass high frequency drivers with 10x less distortion

SINGLE CABINET DESIGN

2-way, ported enclosure for superior sound in space constrained auditoriums

christiedigital.com/cinema
Specifications Christie LS2S (145-173102-01)

System type
- Two-way, passive, ported enclosure

Driver components
- HF: 3” high output ribbon driver with Kapton® diaphragm and Neodymium magnets
- LF: 8” paper/Kevlar composite cone driver with 51mm diameter voice coil

Crossover
- 2-way, passive @ 2.2kHz

Frequency response
- 70Hz-20kHz @ -6dB

Maximum SPL
- 116.5dB continuous, 128dB peak

System coverage
- 100° horizontal dispersion
- 50° vertical dispersion

Sensitivity
- 94dB

Power handling capacity
- 175W continuous, 300W (IEC) short term

Recommended amplifier power
- 200-300W @ 8 ohms

Rated impedance
- 8 ohms

Input connectors
- Screw terminal barrier strip

Enclosure
- Polymer composite enclosure with extensive structural reinforcements
- Ported enclosure
- Acoustically transparent fabric grille

Mounting options
- Wall mounted using 4 x M6 points on rear

Accessories
- 145-179108-01: BKTW-LSXS – Wall tilt bracket for LSxS surround loudspeakers (optional)
- 145-108100-XX Christie S115 subwoofer (for optional bass management)
- 145-103105-XX Christie S215 subwoofer (for optional bass management)
- 111-694201-XX: Allen Products MM-017 for wall mounting (optional)
- 18” Safety Cable (003-006320-01)
- 72” Safety Cable (003-006321-01)

Dimensions
- (LxWxH) 9.6 x 10.24 x 17.7” (244 x 260 x 450mm)

Net weight
- 15.4lbs (7kg)

Warranty
- Limited 5-year warranty

1 Measured at 2m on tweeter axis in simulated free field conditions. Near field measurements were used for low-frequency data. Sensitivity is calculated based on measured SPL response averaged in 200Hz-5kHz range.

2 IEC refers to IEC 60268-5 standard. Max SPL calculated based on sensitivity and power handling. IEC short-term power tested using IEC pink noise with 9dB crest factor. The crest factor was specifically increased to reflect real-life parameters of digital cinema sound tracks. Maximum peak SPL calculated using peak voltage during IEC short-term power test. Continuous power handling tested using IEC60268-1 noise signal for duration of 2 hours.

3 Averaged in 500Hz-12kHz range, at -6dB.

For the most current specification information, please visit christiedigital.com

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