LS2
Small to medium-screen auditoriums | Boutique cinema | Screening rooms

Ribbon driver line source loudspeaker for small to medium screen 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
› Exceptional acoustics – clear and expansive sound with higher dynamic range
› Delivers emotion in every scene – greater impact when loud, better detail when quiet

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

SCREEN CHANNEL CONFIGURATOR
Help find the right audio solution for your auditorium on our website

SINGLE CABINET DESIGN
4-way, bi-amp enclosure for superior sound in space constrained auditoriums

christiedigital.com/cinema
Specifications Christie LS2 (145-172101-01)

**System type**
- Four-way, bi-amp, ported enclosure

**Driver components**
- **HF:** 6” and 3” high output ribbon drivers with Kapton® diaphragm and Neodymium magnets
- **MF:** 6.5” paper/Kevlar high efficiency midrange cone driver with Neodymium magnet and 51mm voice coil
- **LF:** 2 x 15” paper composite cone drivers with 100mm diameter voice coil

**Crossover**
- **LF-MF:** 350Hz, active via processor
- **MF-HF:** passive @ 2.0kHz
- Two-way HF section with frequency shading network

**Effective Frequency Range**
- 930Hz-20kHz @ -6dB

**Maximum SPL**
- **LF:** 129dB continuous, 142dB peak
- **MF-HF:** 125.5dB continuous, 138dB peak
- **LS2 system:** 131dB continuous, 143dB peak

**System coverage**
- 100° horizontal dispersion
- 40° vertical dispersion

**Sensitivity**
- **LF:** 98dB
- **MF-HF:** 102.5dB

**Power handling**
- **F:** 1200W continuous, 3000W (IEC) short term
- **MF-HF:** 200W continuous, 400W (IEC) short term

**Recommended amplifier power**
- **LF:** 850-1500W @ 8 ohms
- **MF-HF:** 350-450W @ 8 ohms

**Rated impedance**
- **LF:** 4 ohms
- **MF-HF:** 8 ohms

**Input connectors**
- 2 position terminal barrier strip, separate LF and MF-HF inputs

**Enclosure**
- Ported enclosure with system tuning at Fb=28Hz
- 18mm marine plywood, heavily braced for maximum structural strength and minimum panel resonance
- Rotatable MF-HF section in acoustically isolated enclosure allows for vertical or horizontal placement of cabinet
- Multiple M10 integrated fly points
- Rated for overhead installation with 5:1 safety ratio

**Mounting options**
- Free standing with or without floor brackets
- Flying via 16 x M10 integrated points

**Accessories (optional)**
- Allen Products RK-4C Rigging Kit 4 x cables (111-685201-01) for flying

**Dimensions**
- **(LxWxH):** 15.8 x 27.2 x 59.0” (400 x 692 x 1498mm)

**Net weight**
- 160.8lbs (73kg)

**Warranty**
- Limited 5-year warranty

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