

hd HLS24-LT

LongThrow HybridLineSource



- HybridLineSource™ 2x 12"N + 4x 1.4"N
- power handling 1.200 W / 4.800 W (AES/Peak)
- extreme SPLmax 144 dB
- vertical focussed radiation 100° x 15°
- fixed angulation, array with up to 6 elements
- compatible to HLS24 in same array
- weight 45 kg

The **hd HLS24-LT** is a high-performance line array loudspeaker with fixed dispersion characteristics for medium to large sound reinforcement applications. Based on the globally unique HybridLineSource™ technology developed by Harmonic Design®, the loudspeaker can be used either as a pure array with up to six hd HLS24-LT modules or as a mixed array with hd HLS24 modules. Thanks to the narrow vertical beam angle of just 15°, applications with large distances and up to 25,000 people can be covered. The angle specified by the housing dimensions greatly simplifies the construction and configuration of an array.

The acoustic and mechanical compatibility with the hd HLS24 and its 40° vertical opening angle make the hd HLS24-LT a useful addition to existing HLS TourSys systems. It expands their possible uses to larger listening areas and thus creates real added value.

With the HybridLineSource system components, configurations that optimally suit the application can be put together at any time:

- 40° vertical coverage with 1x HD HLS24: unbeatably quick to set up and powerful for up to 1,000 people
- 55° vertical coverage with 1x hd HLS24-LT + 1x hd HLS24: for up to 2,500 people
- 70° vertical coverage with 2x hd HLS24-LT + 1x hd HLS24: for up to 5,000 people
- 85° vertical coverage with 3x hd HLS24-LT + 1x hd HLS24: for up to 10,000 people
- 100° vertical coverage with 4x hd HLS24-LT + 1x hd HLS24: for up to 15,000 people
- 90° vertical coverage with 6x hd HLS24-LT: for up to 25,000 people

Type	Transducers	Impedance	Power AES / Peak	Sensitivity (1W / 1m)	SPLmax	Freq Response (-6dB)	Weight	Dimensions B x H x T
HLS24-LT	2x 12"N	LF: 4 Ω, HF: 8 Ω	1200 / 4800 W	LF: 108 dB HF: 110 dB	144 dB	60 Hz - 20 kHz	45 kg	480 x 687 x 560
HLS24P-LT	4x 1.4"N	passive XO: 4 Ω		108 dB			47 kg	