



Excellent sound characteristics hd ML24

For acoustically sophisticated areas



hd ML24

LineArray Stick with excellent sound characteristics for acoustically sophisticated areas

The hd ML24 is a passive 1-way column speaker with an elegant look and excellent sound characteristics. The 24 2" fullrange chassis produce a cylindrical wave radiation characteristic up to the highest audible frequencies. The resulting higher throw range and better speech intelligibility compared to conventional column loudspeakers predestines the hd ML24 LineArray Sticks for use in acoustically difficult environments such as churches, airports, conference rooms or halls. The range of up to 25 m and horizontal coverage of 100° ensures efficient sound solutions with only a few speakers. The 2" chassis are the best choice for human voice reproduction due to their low diaphragm weight and nearly the same size as the human vocal cords. The M6 square nut through-hole on the back of the speaker allows all mounts or a tilting tripod adapter to be attached. A Speakon jack is located on the bottom plate for connecting inputs in mobile applications. A 35 mm flange allows use on a tripod.



hd ML24 Datasheet

Features

- real cylindrical wave propagation
- elegant design
- precise, even sound emission
- coverage pattern 100° x 10°
- excellent speech intelligibility
- discreet room integration
- 100V version available
- custom length possible

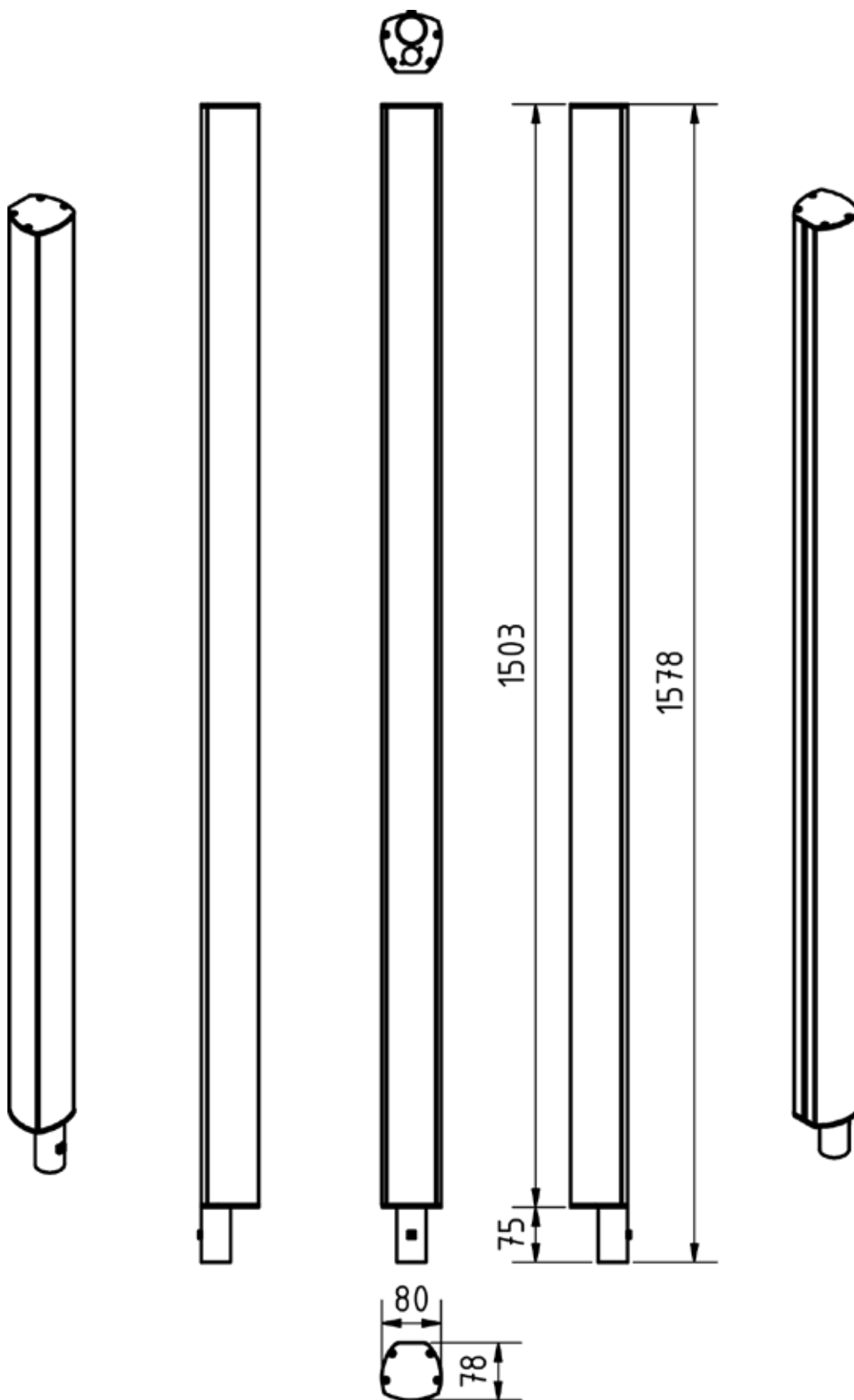
Application

Restaurants, bars, airports, train stations, home theater, conference rooms, hotels, A/V installations, multimedia applications, meeting rooms, TV studios, churches, live music, DJ, concert halls, radio

Model	hd ML24
Order number	60205
Acoustic design	LineSource
Transducers	24x 2" fullrange chassis
Impedance	6 Ω
Coverage (hor x ver)	100° x 10°
Frequency range (-6 dB)	120 Hz - 20 kHz
Sensitivity (1W / 1m)	96 dB
Power Rating AES / Peak	600 / 840 W
SPLmax @ 10% THD	125 dB
Enclosure	powder-coated aluminum profile black, steel grille with acoustic foam, 1x Speakon NL4 + 35 mm flange on the bottom cover
Optional Accessories	Speakon NL4 (Art. 900109), Double case (Art. 950045), RAL-Color (Art. 1070), special length, weather resistant, 100V-Transformer (Art. 1074)
Weight	8 kg
Dimensions (W x H x D)	80 x 1578 x 78 mm

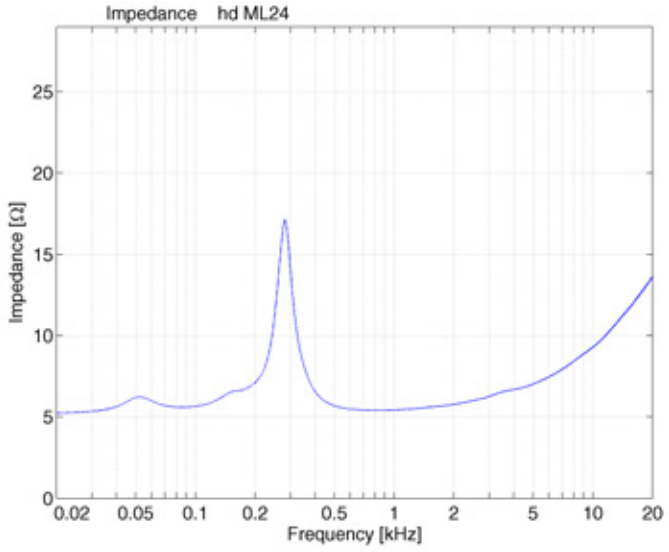
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Dimensions [mm]

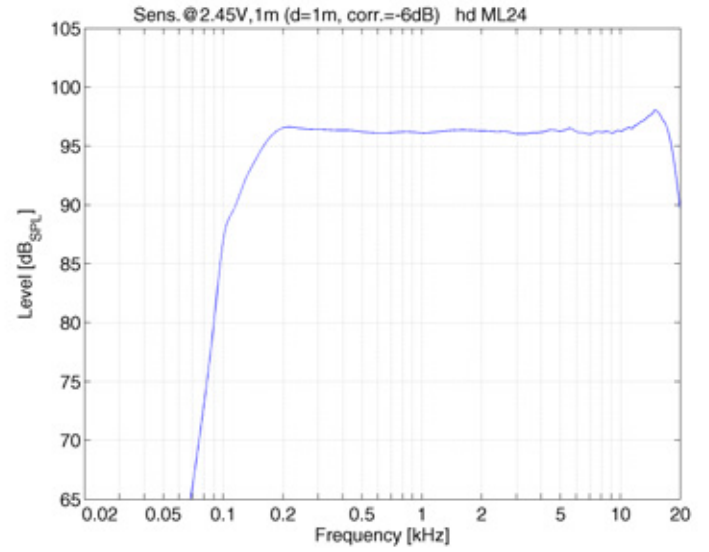


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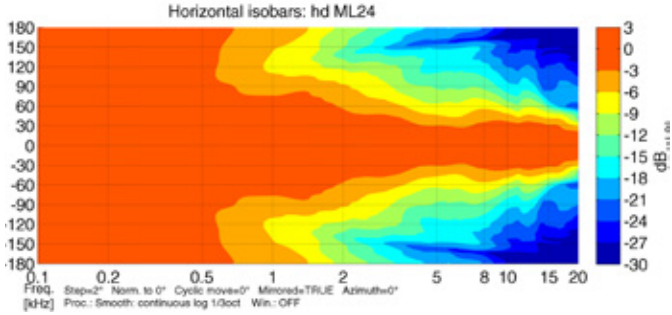
Impedance



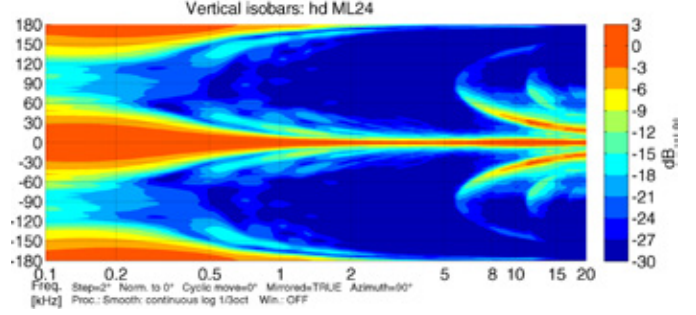
Frequency response with DSP preset



Horizontal Isobars

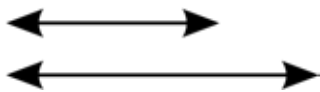


Vertical Isobars



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Accessories



Special length

Special length of the speaker according to customer requirements.

Order number: 40711 (up to 2000 mm total length)

40714 (up to 3000 mm total length)



RAL-Color

Special color per article according to RAL-Color chart.

Order number: 1070



Weather resistant

Impregnation against weather influences.

Order number: 40610



100V-Transformer

Integrated 100V transformer with three power taps (30/15/7,5 W).

Order number: 1074

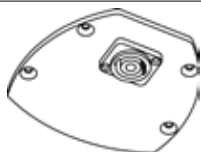


Plate with NL4

Closed bottom plate with SpeakCON NL4 connector.

Order number: 900109



Mounting adapter for mobile applications

Use with tripod adapter 19780 for easy and quick installation with two thumbscrews in mobile applications.

Order number: 900858 (black RAL 9005)

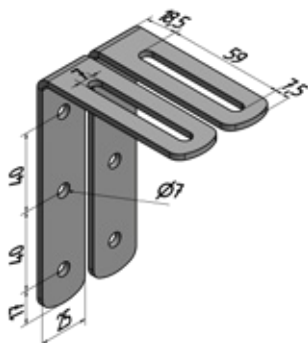


Doppelcase ML24

Lightweight polypropylene double case for 2x hd ML24, without wheels, transport handle in the middle.

Order number: 950045

Accessories



L-bracket wall mount-set

Discreet L-bracket set for extremely close mounting of the speaker to the wall. Side swivel with inclination up to 5°. The speakers housing plates are equipped with M6 inlet threads.

Incl. 2x M6x14 hexagon socket screws.

Load capacity: 30 kg

Dimensions (W x H x D): 20 x 60 x 80 mm

Order number: 900105 (in RAL-Color of speaker)



Tripod adapter 19780

Tripod adapter for tilting up to 30° on a 35 mm tripod.

Load capacity: 15 kg

Dimensions (W x H x D): 59 x 87 x 131 mm

Order number: 900856 (black RAL 9005)



Wall mount 24471

Wall distance 110 mm, laterally swiveling with inclination up to 30°.

Load capacity: 15 kg

Dimensions (W x H x D): 90 x 160 x 110 mm

Order number: 900851BLK (black RAL 9005)
900851W (white RAL 9010)



Wall mount 24180

Wall distance 105 mm, laterally swiveling with inclination up to 15°.

Load capacity: 15 kg

Dimensions (W x H x D): 70 x 130 x 105 mm

Order number: 900854BLK (black RAL 9005)
900854W (white RAL 9010)

Engineered
Made
In Germany



Harmonic Design

...simply harmonic sound

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