



# hd ML24

## LineArray Stick

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.



### 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

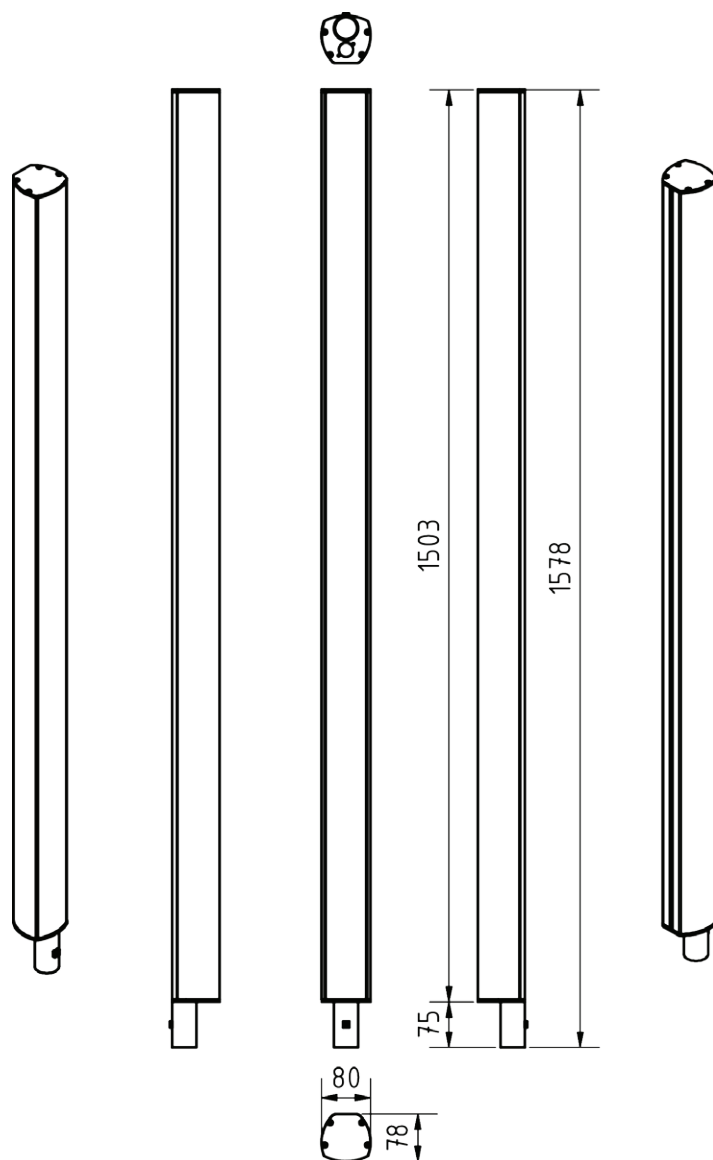
### Anwendung

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

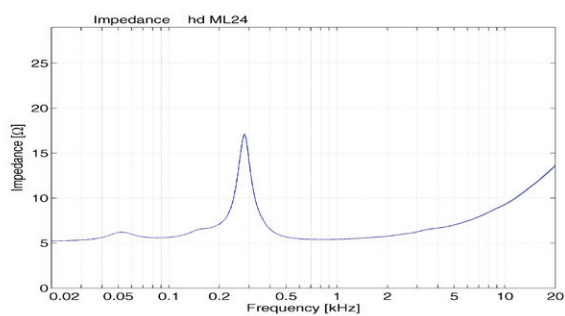
<b>Model</b>	<b>hd ML24</b>
<b>Order number</b>	60205
<b>Acoustic design</b>	LineSource
<b>Transducers</b>	24x 2" fullrange chassis
<b>Impedance</b>	6 Ω
<b>Coverage (hor x ver)</b>	100° x 10°
<b>Frequency range (-6dB)</b>	120 Hz - 20 kHz
<b>Sensitivity (1W / 1m)</b>	96 dB
<b>Power Rating AES / Peak</b>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

# hd ML24 datasheet

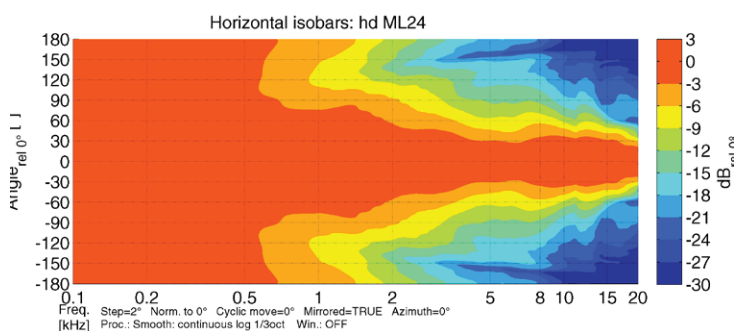
## Dimensions [mm]



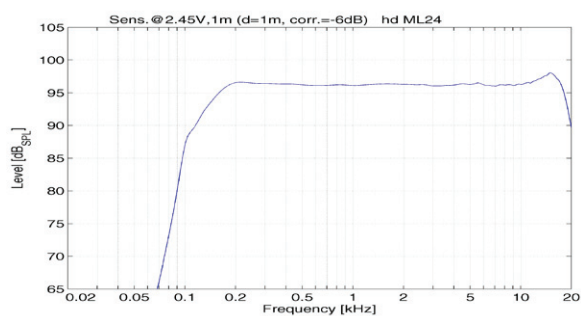
## Impedance



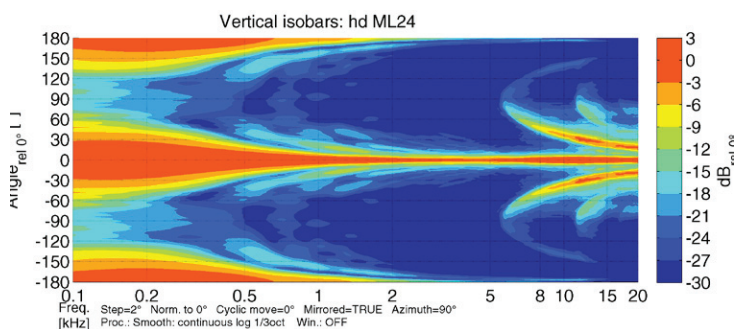
## Horizontal Isobars



## Frequency response with DSP preset

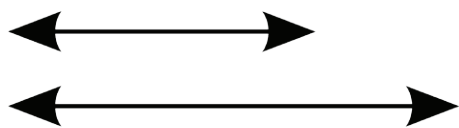


## Vertical Isobars



# hd ML24 datasheet

## 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

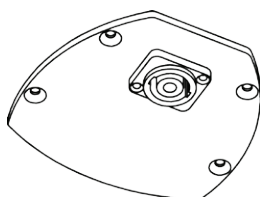
Order number: 4610



### 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)



### Doublecase ML24

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

Order number: 950045

# hd ML24 datasheet

## Accessories



### 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 24180

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

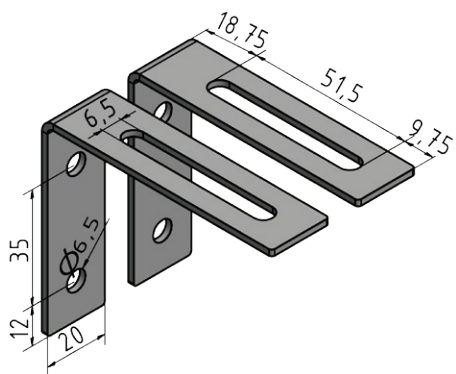
Load capacity:	15 kg
Dimensions (W x H x D):	70 x 130 x 105 mm
Order number:	900854BLK (black RAL 9005) 900854W (white RAL 9010)



### 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)



### 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:	900106 (in RAL color of speaker)