



# hd 8CXN

## Coaxial Speaker

The hd 8CXN is a passive 2-way system equipped with a bass-reflex 8" neodymium woofer / midrange speaker and a 1" neodymium high-frequency driver. Operation is possible via any power amplifier - even without DSP - and makes the hd 8CXN the optimal solution for high-quality mobile or permanently installed public address applications in, for example, industrial events, theaters or sports facilities. The housing is made of multiplex wood



and provided with a shock and weather-resistant polyurethane coating, and a ballproof, elegant and rounded steel grille in black. For permanent installation, two M6 and M8 inlet threads are available for the cost-effective installation of standardized wall mounts or brackets. The conical horn provides a natural sound without the horn-typical sound coloration, a long range and optimal speech intelligibility. The frequency- and phase-optimized crossover guarantees a linear transmission behavior. An integrated 35 mm flange allows use on a tripod or with two monitor angles with 35° and 45° as a stage monitor.

### Features

- Operation on any amplifier
- frequency and phase optimization integrated
- elegant and slim design
- clear mids and brilliant highs
- coverage 80° x 70°
- two monitor angles 35° and 45°
- excellent speech intelligibility
- compact dimensions
- RAL color optional

### Applications

Industrial events, theaters, city halls, restaurants, bars, AV installations, TV studios, sports facilities, amusement parks, compact PA

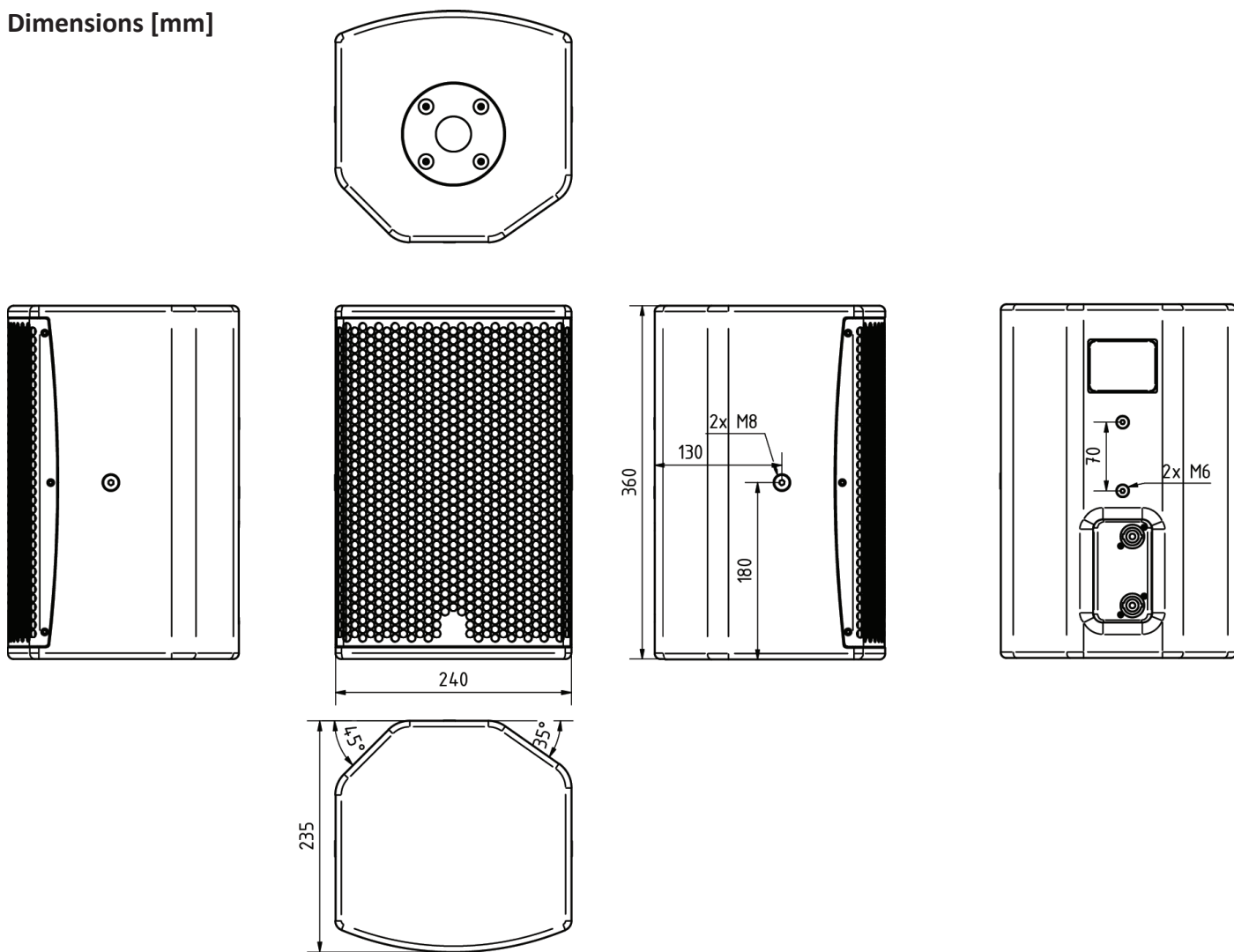
<b>Model</b>	<b>hd 8CXN</b>
<b>Order number</b>	60050
<b>Acoustic design</b>	Coax, Bassreflex
<b>Transducers</b>	1x 8" N LF 1x 1" N HF
<b>Impedance</b>	8 Ω
<b>Crossover</b>	1250 Hz
<b>Coverage (hor x ver)</b>	80° x 70°
<b>Frequency range (-6dB)</b>	70 Hz - 22 kHz
<b>Sensitivity (1W / 1m)</b>	97 dB
<b>Power Rating AES / Peak</b>	280 / 1120 W
<b>SPLmax @ 10% THD</b>	125 dB
<b>Enclosure</b>	robust multiplex housing with polyurethane coating black, recessed connection panel with 2x NL4, M6 & M8 inlet thread, steel grille with acoustic foam inside, 35 mm flange, 35°/45° baffle angle
<b>Optional Accessories</b>	wall bracket (Art. 900851), U-bracket, T-mounting adapter (Art. 900869) RAL color (Art. 1070) Weather resistant (Art. 4610)
<b>Weight</b>	8 kg
<b>Dimensions (W x H x D)</b>	240 x 360 x 235 mm



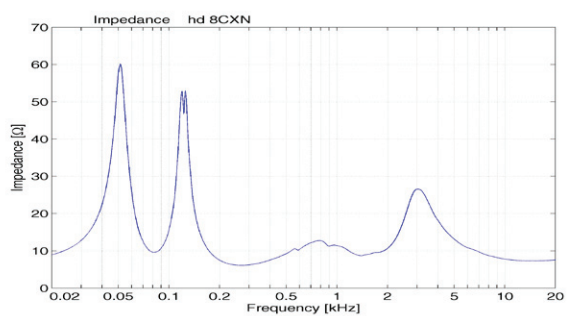
...simply harmonic sound

# hd 8CXN datasheet

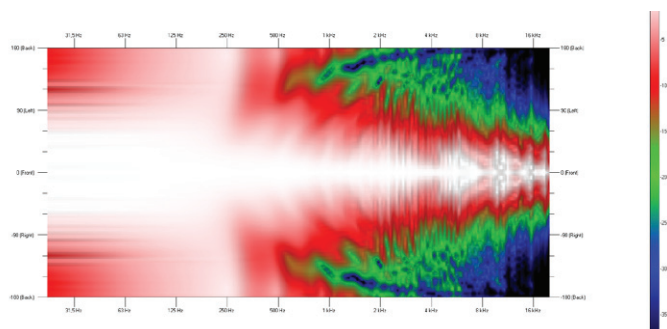
## Dimensions [mm]



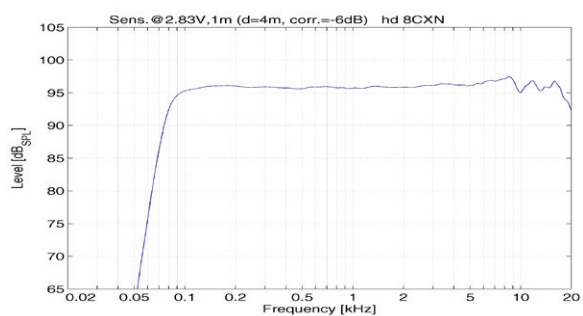
## Impedance



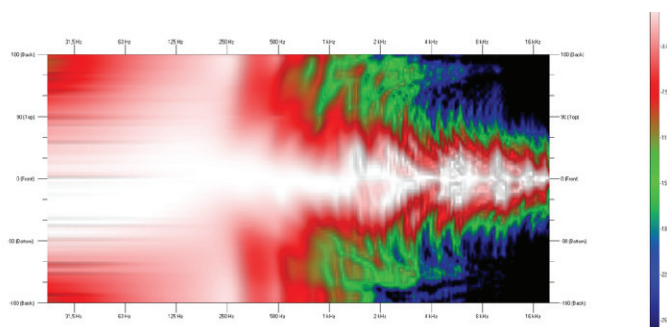
## Horizontal Isobars



## Frequency response with DSP preset



## Vertical Isobars



# hd 8CXN datasheet

## Accessories



### RAL color

Special color per article according to RAL color chart

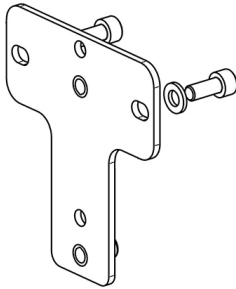
Order number: 1070



### Weather resistant

Impregnation against weather influences

Order number: 4610



### T-mounting adapter 8CXN

For use with wall bracket 24471 when mounted horizontally

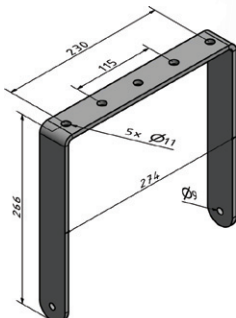
Order number: 900869BLK (black RAL 9005)  
900869W (white RAL 9010)



### Wall mount bracket 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)



### U-bracket 8CXN

U-bracket for flying on a truss or tilting on a tripod. Five mounting holes on the top for mounting half-couplers or tripod adapters

incl. 2x M8 knurled screw

Order number: 908504 (black RAL 9005)