



# Audiophile conference solution hd VideoBar 55

All-In-One sound system with integrated camera



## hd VideoBar 55

### All-In-One conference solution with integrated camera

The hd VideoBar is an audiophile all-in-one sound solution with an intelligent camera for video



conferences in conference rooms, training rooms and multi-media applications with a configurable audio matrix with digital mixer functions and presenter function. The inconspicuously integrated smart camera of the Huddly IQ type impresses with the latest features for high-quality video conferences. The optionally available camera can be easily and quickly integrated via a recess on the back and a pure soundbar becomes a state-of-the-art, multifunctional video conference system of the highest quality. The tried and tested FIR filter technology guarantees excellent speech intelligibility even during video conferences or presentations. The FIR filter technology enables frequency and phase independent sound optimization for undistorted reproduction. The integrated subwoofer array delivers a crisp, round bass without booming

The input stage consists of a stereo line-in with auto-detect function for TV or media sound and two microphone line-in for the connection of wireless microphones, headsets, clip-on microphones or any line signals. A volume control for both microphone channels is located on the rear panel, which is recessed. Four sound presets and four microphone presets, suitable for the most common microphone types and models, can be recalled by using the preset buttons on the recessed connection panel. The integrated microphones of the Huddly camera with beamforming technology are used for video conferences. A dynamic processor with expander, compressor and gate function for the microphone channels and a freely configurable EQ section for room and microphone equalization allows the best adjustment of the player device without additional hardware. BYOD prepared thanks to integrated Bluetooth 5.0. For the audio-technical equipment of HuddleRooms, media steles, conference rooms, museums, educational institutions or hotel suites, the state-of-the-art, reliable and easy-to-use all-in-one solution hd VideoBar can be used cost-effectively without compromising at any point and external DSPs and matrix systems become superfluous. With the help of mounting brackets, the hd VideoBar can be easily attached to VESA brackets on the screen. Alternatively, all common wall brackets can be attached to the continuous T-slot on the back. Thanks to flexible manufacturing processes, the hd VideoBar has been adaptable to the screen dimensions and environment for years – without a long delivery time.

A recessed connection panel with three 3.5 mm jack input sockets with auto-detect function, 4-pin Power-Din power socket for external 24V power supply, BT pairing button and two preset buttons are located on the back of the housing. The camera is connected to a notebook or PC using a USB cable

# hd VideoBar 55 Datasheet

## Features

- Complete Plug & Play audio/video solution with digital mixer functions
- 2x microphone inputs + media sound
- 4 microphone presets + 4 sound presets
- BYOD compatible via Bluetooth 5.0

## DSP & electronics features

- 4-channel Class-D amplifier with 300 W RMS
- 4 + 2In/4Out high-end hd ProDSP with > 50 MIPS
- LinearPhase FIR filter

## Acoustic & mechanical features

- L/R dual-concentric chassis
- Integrated subwoofer array for extended frequency response from 45 Hz
- for 55" screen, custom-made production screen dimensions without long delivery times
- elegant high quality aluminum housing with recessed connections

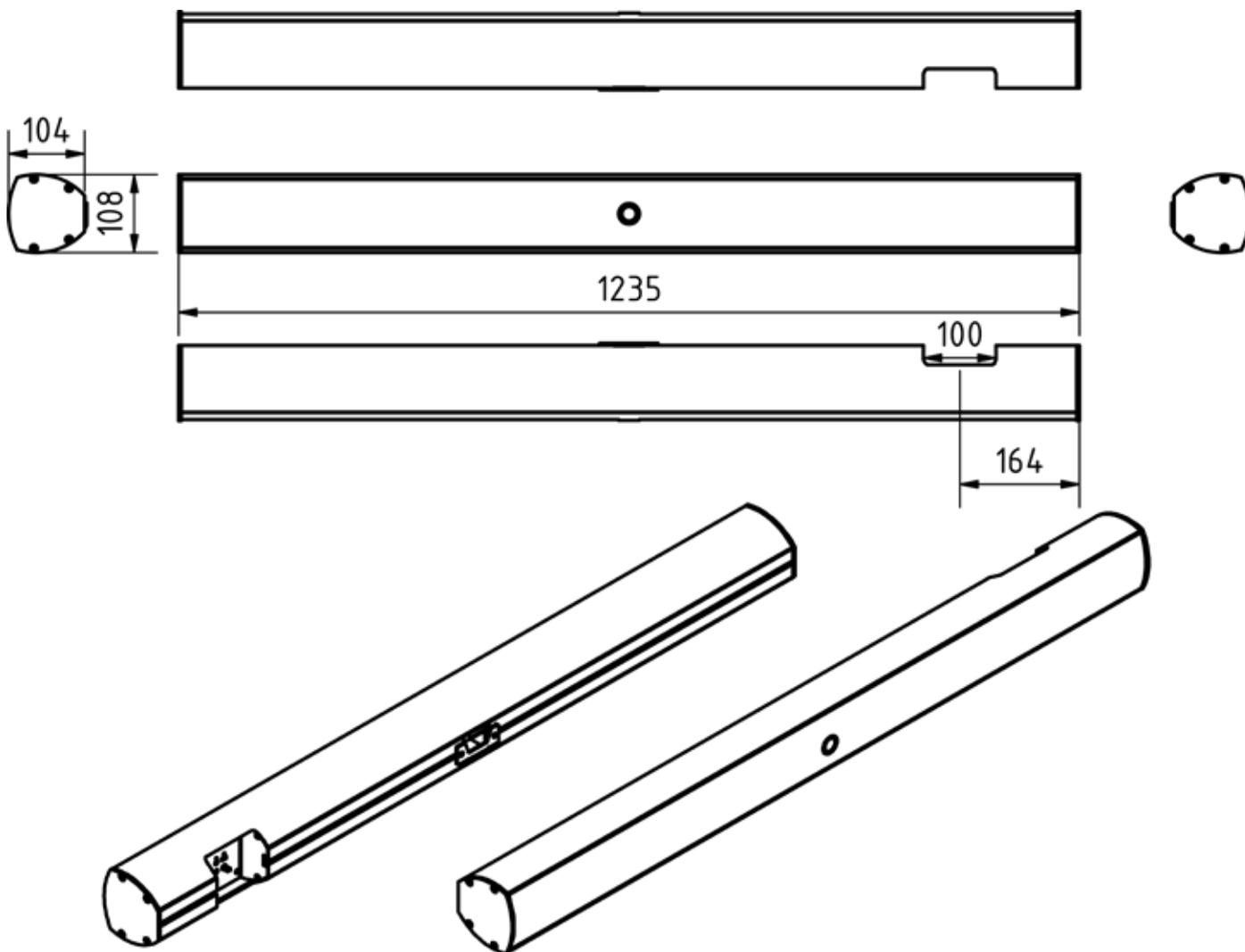
## Application

Media steles, educational institutions, huddle rooms, museums, conference rooms, training rooms, hotels

<b>Model</b>	<b>hd VideoBar 55</b>
<b>Order number</b>	402016-55
<b>Design</b>	active 2.1 Multi-Media-System
<b>Transducers</b>	L/R: 2x 3,5" + 1" DualConcentric Subwoofer: 3x 3,5" long-stroke-woofers + 2x 3,5" super-long-stroke passive radiators
<b>Camera integration</b>	optional Huddly IQ with microphone array, other models on request
<b>Coverage (hor x ver)</b>	80° x 80°
<b>Frequency range (-6 dB)</b>	45 Hz - 22 kHz
<b>SPLmax @ 10% THD</b>	111 dB
<b>Amplifier power</b>	300 W RMS
<b>Digital Signal Processor</b>	hd ProDSP 4+2In 4Out – FIR-/IIR-Filter RoomEQ, MicEQ, Compressor, Gate, Expander, Matrix, 4 Sound-Presets, 4 Mic-Presets, Remote control
<b>Connections</b>	1x Stereo 3,5 mm jack line in, 2x Mono 3,5 mm jack Mic in, 1x mini USB, 1x 4-pin DIN power socket – 24V PSU
<b>Enclosure</b>	powder-coated aluminum housing black, grille with acoustic foam, recessed connection panel, volume control, 2x preset button, pairing button
<b>Options</b>	RAL-Color (Art. 1070), various wall brackets, special length (Art. 40713)
<b>Weight</b>	7 kg
<b>Dimensions (W x H x D)</b>	108 x 1445 x 104 mm

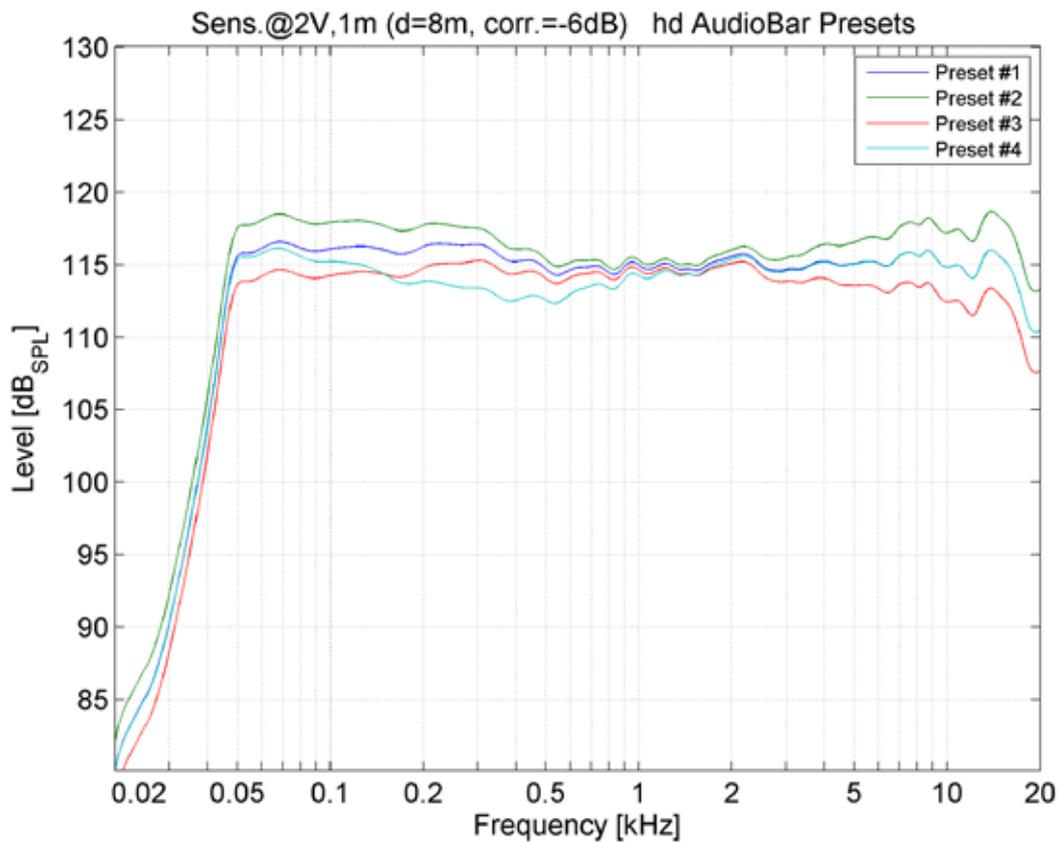
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## Dimensions [mm]



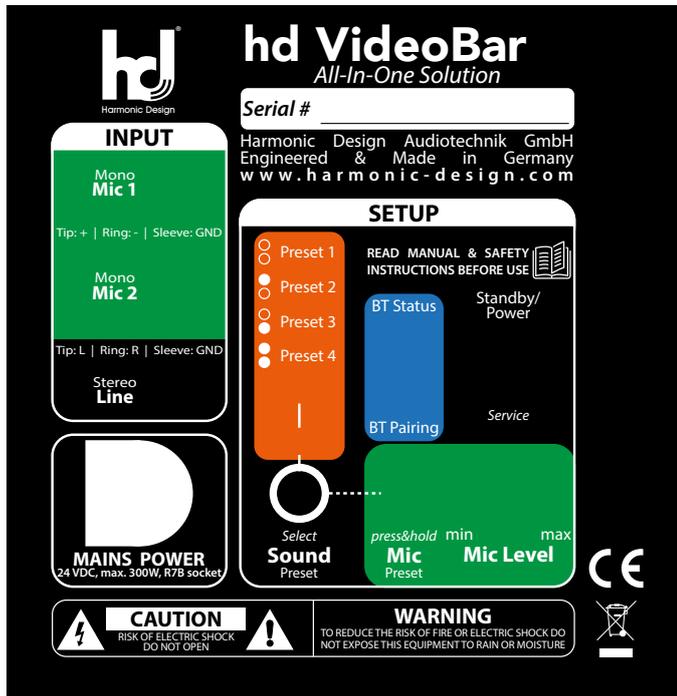
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## Frequency response with DSP Preset



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## Connection panel





Engineered  
Made  
In Germany



Harmonic Design

*...simply harmonic sound*

**Harmonic Design  
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