

# CM5EH

5.25" humidity proof budget  
loudspeaker



The CM5EH is a humidity resistant new version of the popular CM5E in-wall speaker and is suited for bathrooms, kitchens, cool cells or other humid zones. In principle, this product is pretty similar to the CM5E with exception to the cone and grille material. The newest CM5EH version has a plastic grille whose outlook will surprise you.

Most humidity resistant speakers have a somewhat awkward appearance, but the CM5EH has the same stylish design as other ceiling speakers. This means the loudspeaker has a higher optical integration and will keep consistency in buildings.

The loudspeaker is very easy to install, due to the simple mounting system with 2 hidden spring loaded clamps.

You just need to open the clamps with your hands, carefully slide the speaker in place and release the clamps while positioning the speaker in the middle of the cut-out. This easy way of installation doesn't require any tools and saves the installer precious time!

The CM5EH is a modern and very competitive built-in loudspeaker, featuring a 100 Volt speaker line transformer as well as a direct 8 ohms connection, allowing you to connect up to 2 speakers in parallel per 4#937; stable amplifier channel. For 100 Volt use, the CM5EH is equipped with a high quality 3/6 Watt 100 Volt transformer.

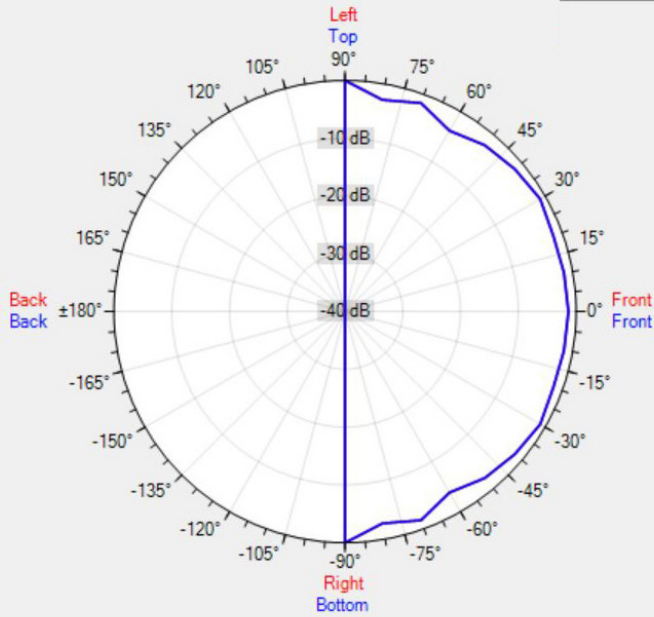
## TECHNICAL SPECIFICATIONS

|                                  |              |  |           |
|----------------------------------|--------------|--|-----------|
| outside diameter in mm           | 187          | depth in mm                                | 45        |
| cutout in mm                     | 163          | installation grip range in mm              | 1 - 35    |
| loudspeaker system               | dual cone    | woofer size in inch                        | 5.25      |
| woofer cone material             | coated paper | mounting system                            | 2 clamps  |
| colour                           | white        | 100V transformer power taps in watts       | 6 - 3     |
| impedance in ohms                | 8            | low impedance dynamic power in watts       | 30        |
| low impedance RMS power in watts | 15           | SPL 1W/1m in dB                            | 89        |
| max SPL 1m in dB                 | 96           | frequency response in Hz                   | 100 - 18K |
| main construction material       | ABS plastic  | grille main material                       | plastic   |
| IP rating                        | 54           | applicable low impedance                   | no        |
| applicable in 100V               | yes          | closest RAL colour (subject to deviations) | RAL9003   |
| Net weight product in kg         | 0.47         |  |           |

## POLAR PLOTS

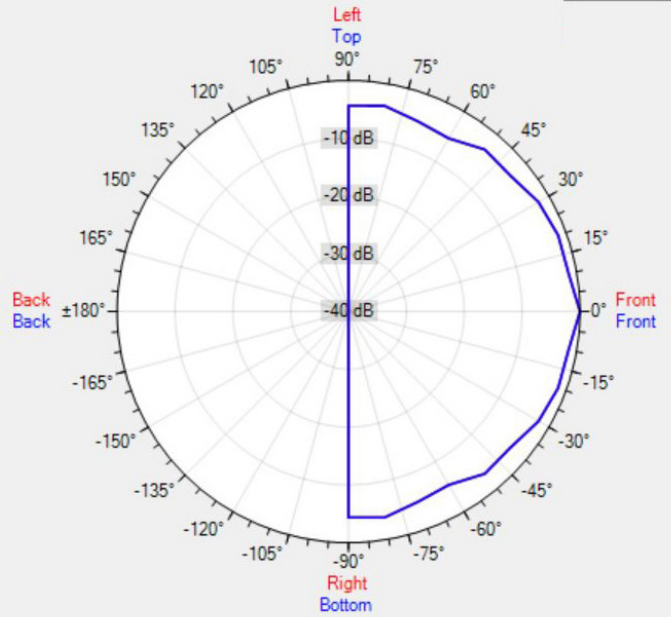
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Display Parameters: Frequency: 1000Hz (1/24th Octave)

Horizontal  
Vertical



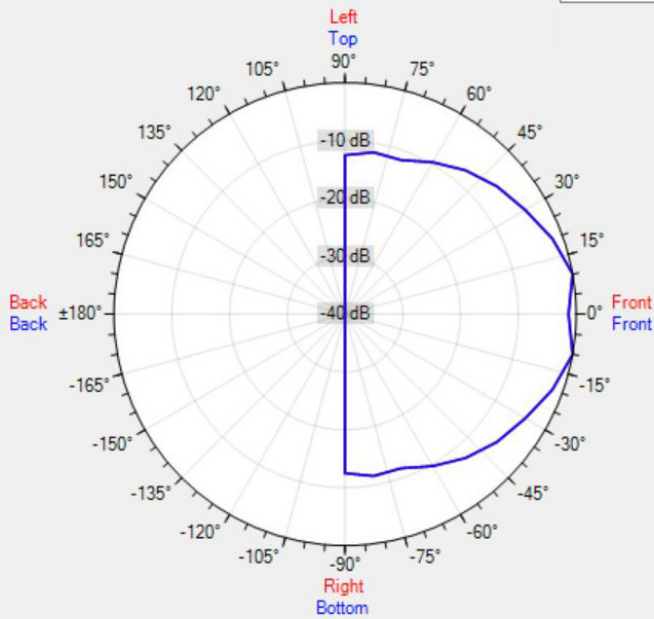
Data Shown: CM5EH (Apart Audio)  
Display Parameters: Frequency: 2000Hz (1/24th Octave)

Horizontal  
Vertical



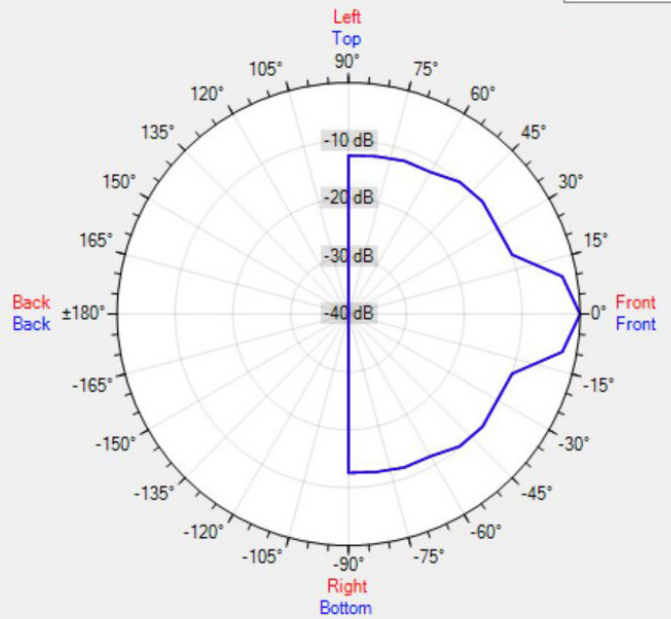
Data Shown: CM5EH (Apart Audio)  
Display Parameters: Frequency: 4000Hz (1/24th Octave)

Horizontal  
Vertical



Data Shown: CM5EH (Apart Audio)  
Display Parameters: Frequency: 8000Hz (1/24th Octave)

Horizontal  
Vertical



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