

### KEY FEATURES

- 70/100 V transformer with 16 Ohm bypass
- smooth high frequency dispersion
- High sensitivity
- wide 110° dispersion
- 2-way design
- Starguide™ (Pat.pend.) for optimized sound
- Included tile bridge and mud ring
- Plenum rated/UL 2043 compliant material
- including tile bridge and mud ring
- side or top conduit entry

### PRODUCT DESCRIPTION

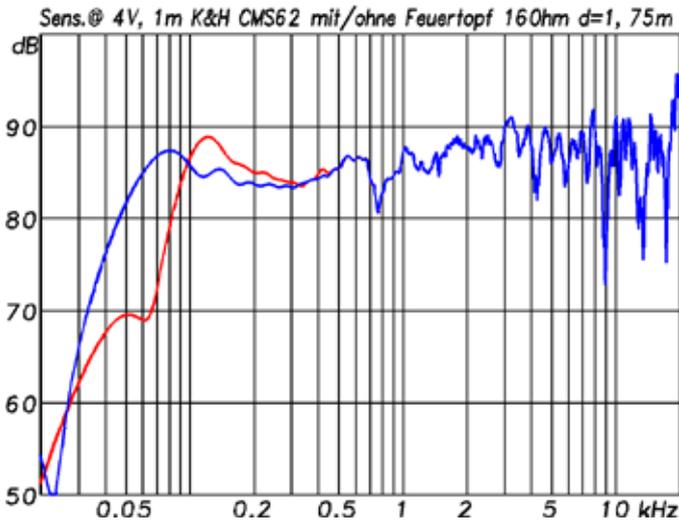
The CMS series ceiling mount loudspeakers are appropriate for background music and voice reinforcement in applications where high sonic performance is demanded. Compatible with both 70/100V systems and direct drive parallel systems, the CMS systems are well suited for conference rooms, auditoriums, convention centers, airports, shopping centers, restaurants and entertainment fill applications.

### TECHNICAL DATA

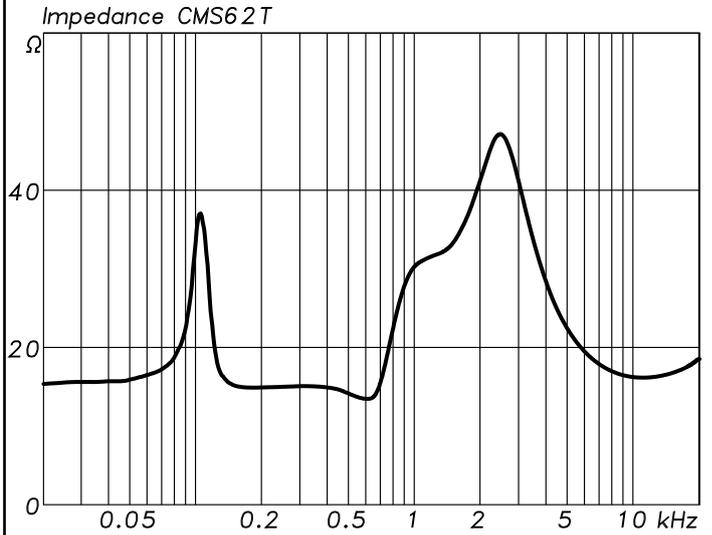
Driver Sizes and Types	6.5" Woofer + 1" Tweeter
Frequency Response (+/- 3 dB)	85 Hz to 19 kHz +/- 3 dB
Frequency Response (-10 dB)	65 Hz to 22 kHz (-10 dB)
Sensitivity of loudspeaker system with passive crossover (halfspace)	89 dB/1W/1m
Coverage Pattern, nominal	110 degrees conical
Directivity Factor (Q)	avg. 125 Hz-16 kHz / avg. 800 Hz - 16 kHz - 6.0 / 8.2
Directivity Index (DI)	avg. 125 Hz-16 kHz / avg. 800 Hz - 16 kHz - 7.8 dB / 9.1 dB
Passive Crossover point, slope and type	LF/HF: 3500Hz - 2.order
Impedance of passive crossover	16 ohms nominal
Maximum SPL: average and peak, calculated (fullspace)	110dB SPL, Peak: 113dB SPL
Power Handling: RMS, program and peak (10ms)	60 watts rms, 120 watts program, 240 watts peak (10ms)
Cabinet Material (thickness and type)	metal backside can
Cabinet Finish	white (RAL9010) and black (RAL 9005)
Weight	3.5 kg / 7.7 lbs
Baffle cut-out	285 mm / 11.22 in
Depth	200 mm / 7.89 in
Connectors	4-Pin Phoenix connector

## RESPONSE GRAPHS

### Frequency response

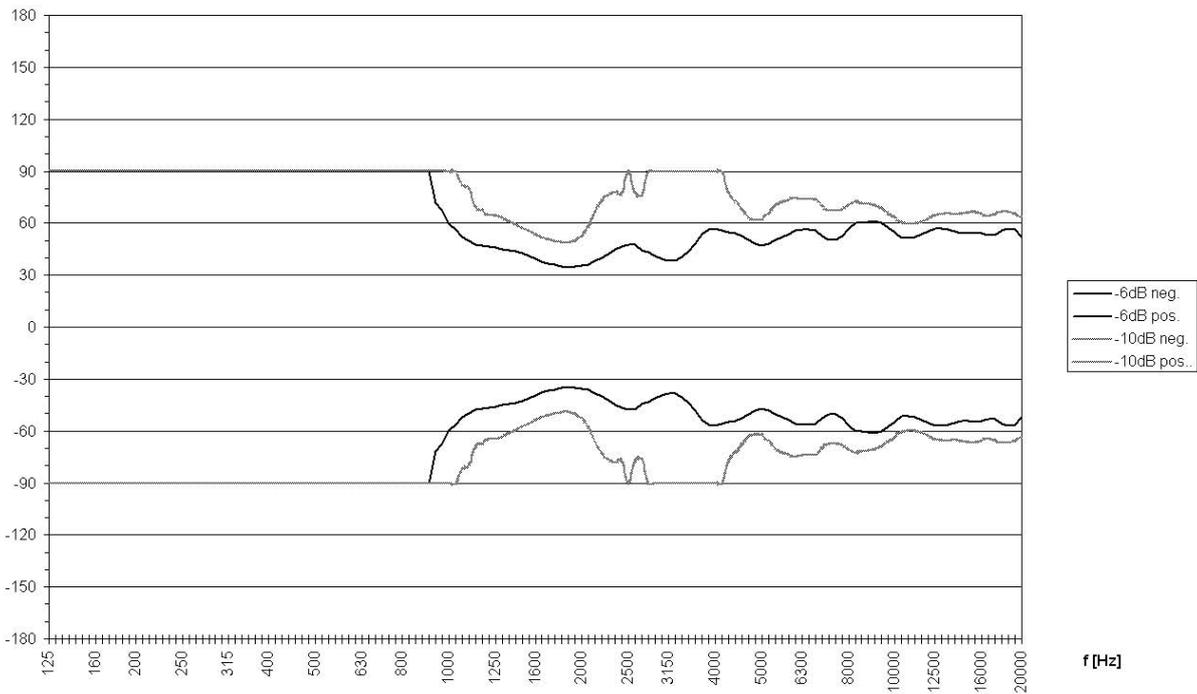


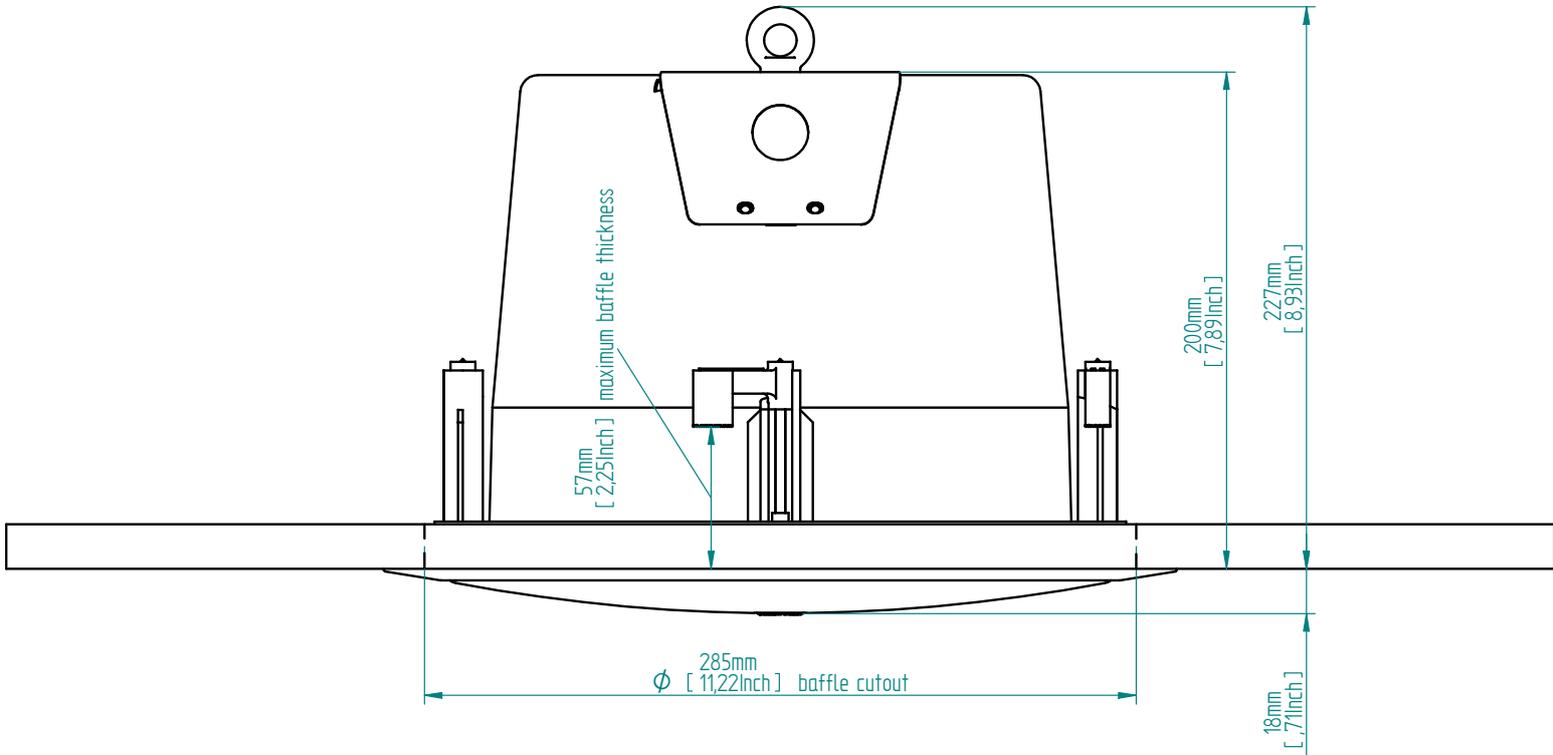
### Impedance



### Horizontal Coverage

Horizontal + Vertical Statistics of: K+H CMS62T - measured in half space +/- 90°





CMS 62T - mounting details

## ARCHITECT & ENGINEERING SPECS

The distributed loudspeaker system shall consist of flush mount ceiling units with a 6.5" low frequency driver and a 1" dome high frequency tweeter and the overall impedance of the speaker shall be 16 Ohms. The tweeter shall be directionally adjustable. The sensitivity of the loudspeaker shall produce 91 dB-SPL in half space with a power input of 1 Watt. The integrated transformer shall provide selection of taps from 30 Watts to 4 Watts via a switch located behind the front grille. The metal back can shall be plenum rated and shall utilize a removable 4-position connector for audio connection. The frequency response shall extend down to 85 Hz at -3dB on axis. The peak SPL shall be 113 dB and the loudspeaker shall handle a peak power of 160 Watts, 80 Watts program when the transformer is bypassed. The distributed flush mount loudspeaker shall be the Klein + Hummel CMS 62T.