

## CM20T

6.5" two-way loudspeaker, white



The CM20T two-way ceiling mount loudspeaker can be used as a 16-ohm or 70 V/100 V loudspeaker. In 16-ohm use, you can connect up to 4 loudspeakers in parallel on each channel of a standard 4 ohms amplifier. For 70 V/100 V use, the CM20T is equipped with a high-quality 20-watt, 70 V/100 V transformer with several power tapings. Therefore it can be used in projects with high ceilings or places with background noise where a little more power is needed.

The loudspeaker has a 6.5" enforced polypropylene woofer what results in a very low distortion. To complete the sound, a 1" tweeter has been integrated. It makes the CM20T very suitable for the distribution of microphone calls and background music.

The housing is made of high quality ABS. The moisture-proof woofer is made out of reinforced polypropylene and the grille is made of aluminum, making the CM20T suitable for high humidity environments and applications where steel grilles would corrode or rust quickly.

The loudspeaker is easy to install, due to its simple, quick mounting system with only 3 screws. These screws are hidden behind the loudspeaker grill, giving the loudspeaker a modern and striking design.

The loudspeaker includes a Quick Fix wiring connector and transformer tapping instruction decal for fast and easy installation.

Versatile for almost every market around the globe due to the 70 V/100 V connection options, the CM series is bound to stay the standard installer's choice in the fixed install market.

The CM20T loudspeakers can be painted in any colour.

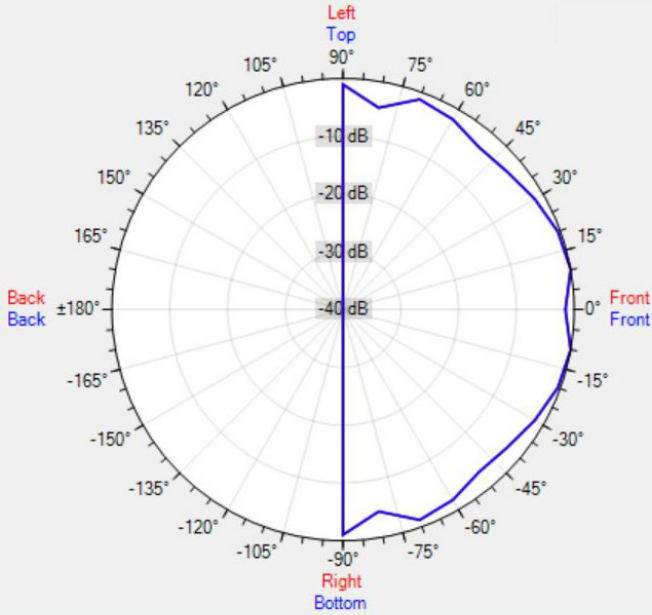
### TECHNICAL SPECIFICATIONS

outside diameter	205 mm	depth	80 mm
cutout	186 mm	installation grip range	2 mm - 25 mm
loudspeaker system	2-way	woofer size	6.5 in
woofer cone material	polypropylene	tweeter size	1 in
mounting system	3 screws	colour	white / black
impedance	16 Ω	70 V transformer power taps	20 W - 10 W - 5 W - 2.5 W
low impedance	30 W	100 V transformer power	20 W - 10 W - 5 W
continuous power		SPL 1 W@1 m	86 dB
max SPL@1 m	104 dB	frequency response	60 Hz - 20kHz
main construction material	ABS plastic	grille main material	aluminium
IP rating	54	applicable low impedance	yes
applicable in 70 V/100 V	yes	vertical dispersion angle	180°
closest RAL colour (subject to deviations)	RAL9010 (W) / RAL9011 (BL)	1000 Hz	
		net weight product	1.40 kg

## POLAR PLOTS

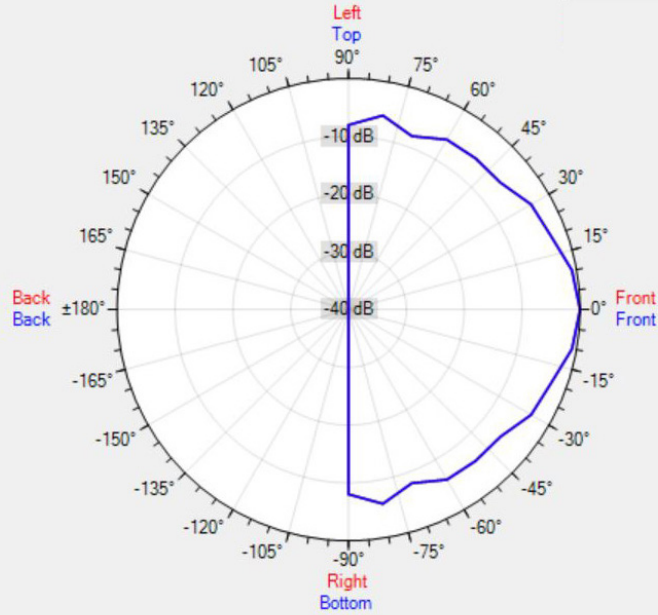
Data Shown: CM20T (Apart Audio)  
Display Parameters: Frequency: 1000Hz (1/24th Octave)

Horizontal  
Vertical



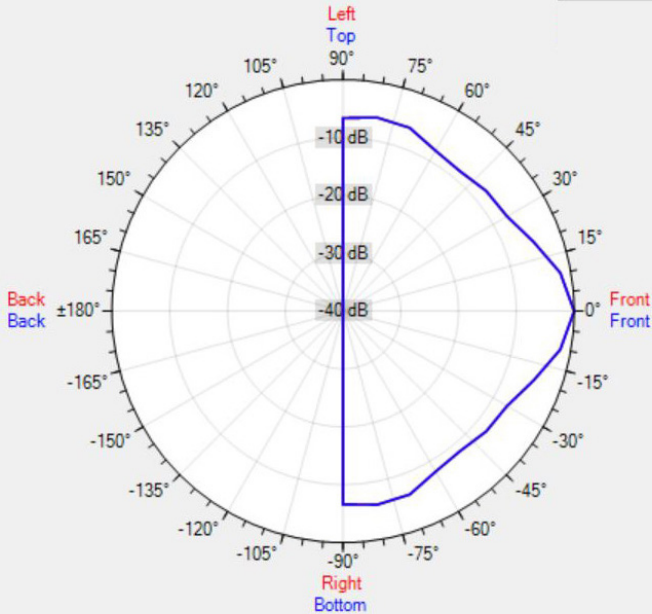
Data Shown: CM20T (Apart Audio)  
Display Parameters: Frequency: 2000Hz (1/24th Octave)

Horizontal  
Vertical



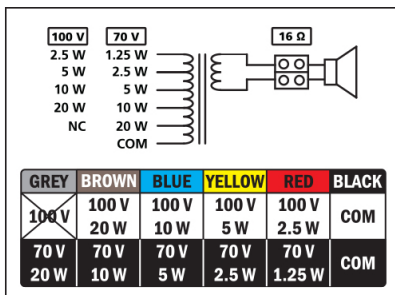
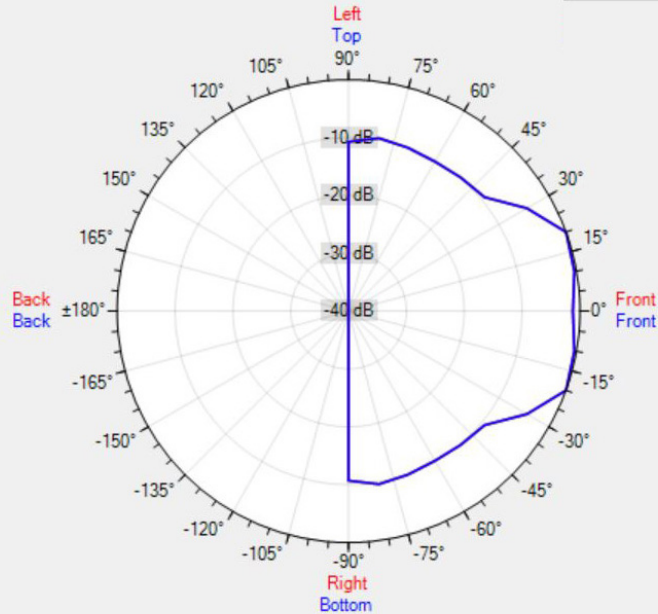
Data Shown: CM20T (Apart Audio)  
Display Parameters: Frequency: 4000Hz (1/24th Octave)

Horizontal  
Vertical



Data Shown: CM20T (Apart Audio)  
Display Parameters: Frequency: 8000Hz (1/24th Octave)

Horizontal  
Vertical



## ACCESSORIES



### **CMBB**

On-wall box for CM- and CM-Design loudspeaker range