

## CM6T

### 6.5" two-way loudspeaker



The CM6T is a two-way low impedance or 70 V/100 V loudspeaker suitable for the distribution of microphone calls and background music. In 16-ohm use, you can connect up to 4 loudspeakers in parallel on each channel of a standard 4-ohm amplifier.

For 70 V/100 V use, the CM6T is equipped with a high-quality 6-watt, 70 V/100 V transformer with several power tapings.

CM6T is easy to install, due to its simple quick mounting system with only 3 screws.

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 housing is made of high quality ABS. The 6.5" woofer is made of specially reinforced polypropylene that results in very low distortion. To complete the sound, a quality 1" tweeter has been integrated.

The grille is made of aluminum, making the CM6T suitable for high humidity environments and applications where steel grilles would corrode or rust quickly.

The CM6T loudspeakers can be painted in any colour.

## TECHNICAL SPECIFICATIONS

outside diameter	205 mm	depth	75 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
impedance	16 Ω	70 V transformer power taps	6W - 3W - 1.5W - 0.75W
low impedance continuous power	30 W	100 V transformer power taps	6W - 3W - 1.5W
max SPL@1 m	105 dB	SPL 1 W@1 m	87 dB
main construction material	ABS plastic	frequency response	60 Hz - 20kHz
IP rating	54	grille main material	aluminium
applicable in 70 V/100 V	yes	applicable low impedance	yes
closest RAL colour (subject to deviations)	RAL9010 (W) / RAL9011 (BL)	vertical dispersion angle 1000 Hz	180°
		net weight product	1.40 kg

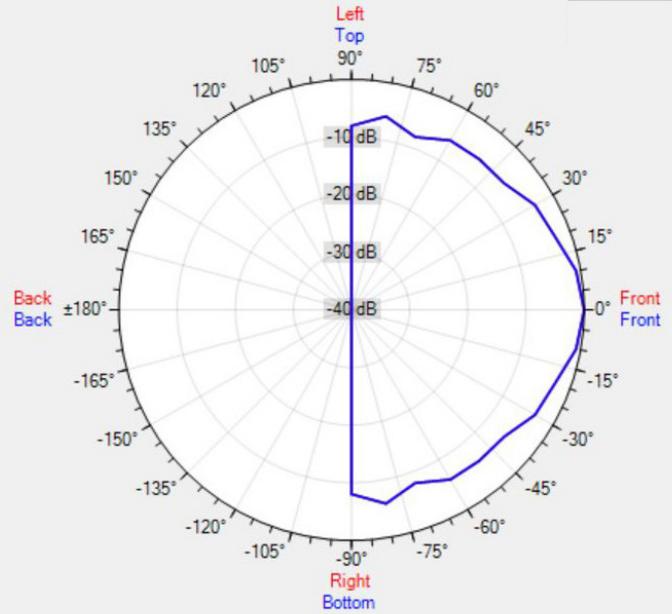
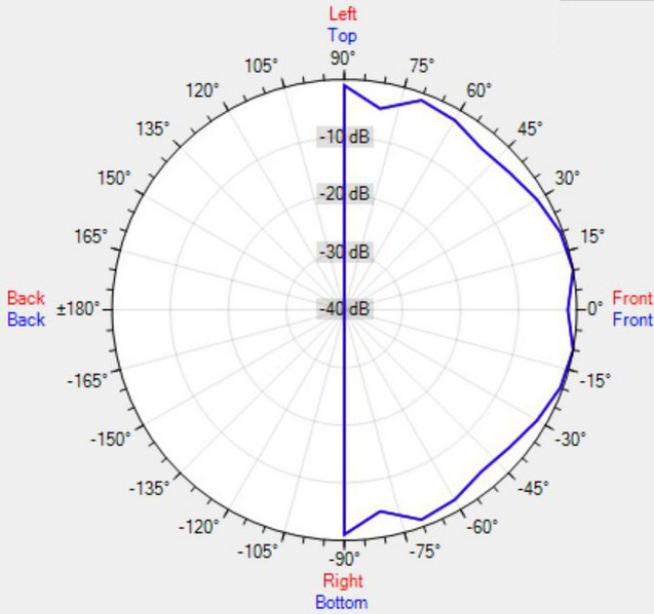
## POLAR PLOTS

Data Shown: CM6T (Apart Audio)  
Display Parameters: Frequency: 1000Hz (1/24th Octave)

Horizontal  
Vertical

Data Shown: CM6T (Apart Audio)  
Display Parameters: Frequency: 2000Hz (1/24th Octave)

Horizontal  
Vertical

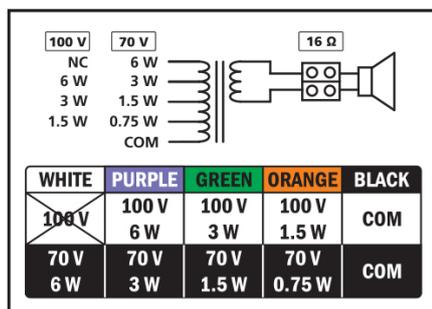
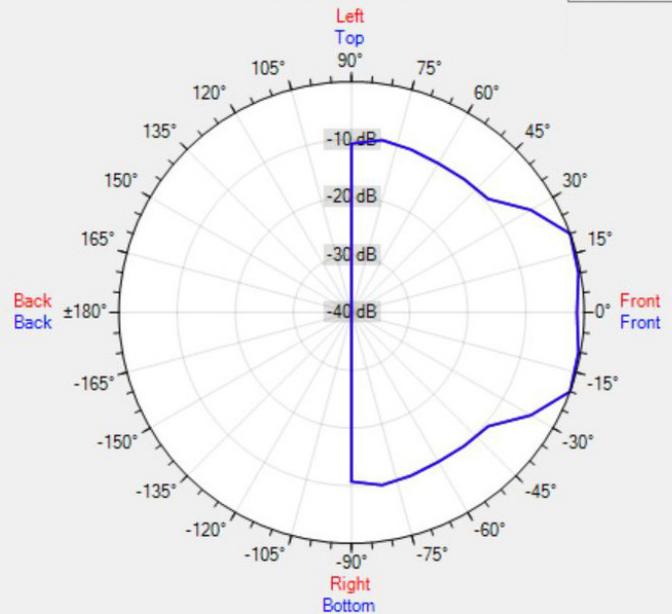
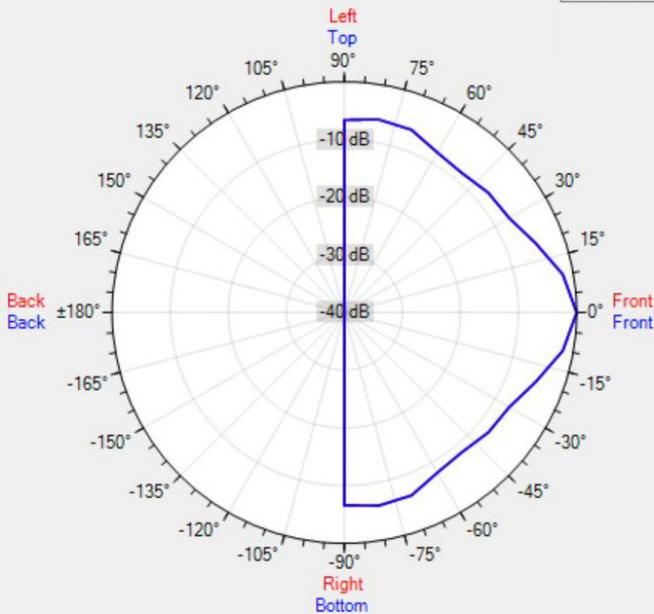


Data Shown: CM6T (Apart Audio)  
Display Parameters: Frequency: 4000Hz (1/24th Octave)

Horizontal  
Vertical

Data Shown: CM6T (Apart Audio)  
Display Parameters: Frequency: 8000Hz (1/24th Octave)

Horizontal  
Vertical



## ACCESSORIES



### **CMBB**

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