

## EN-CM6T6

EN54-24 certified 6" ceiling speaker



The EN-CM6T6 is a 6.5" built-in ceiling speaker made of powder coated steel (RAL 9010 equivalent), equipped with a high efficiency full range speaker and a multi tap 100 volt transformer, all certified according EN 54-24. The unit is equipped with a ceramic speaker line connector block, thermal fuse and a metal fire dome.

The installation of this speaker is easy thanks to the spring loaded clamps and the included PG16 cable gland.

The speaker with its excellent intelligibility is a perfect budget oriented solution for background music, paging and evacuation systems messages.

This 100 volt loudspeaker is equipped with a high quality 1.5 – 3 – 6 watts 100 volt transformer.

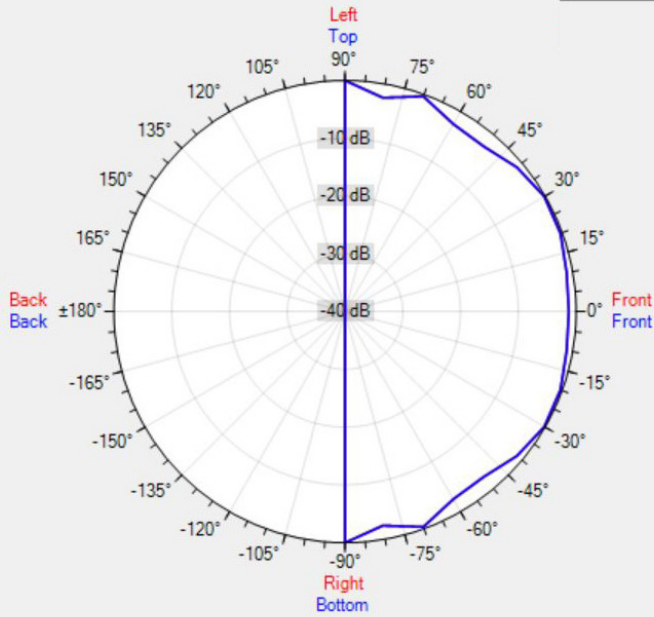
### TECHNICAL SPECIFICATIONS

cutout in mm	199	outside diam. in mm	220
depth in mm	137	innerdimension in mm	196
ceiling thickness range in mm	1 - 60	loudspeaker system	full range
woofer size in inch	6.5	woofer cone material	coated paper
mounting system	3 clamps	colour	white
100V transformer power taps in watts	6 - 3 - 1.5	low impedance dynamic power in watts	6
SPL 1W/1m in dB	93,9	max SPL 1m in dB	101,7
frequency response in Hz	140 - 24 k	main construction material	steel
IP rating	50	operating temperatures	-20°C to +80°C
applicable low impedance	no	applicable in 100V	yes
certificate ref	1438/CPR/0351	Vertical dispersion angle 1000 Hz	180°
closest RAL colour (subject to deviations)	RAL9010	Net weight product (kg)	1.42

## POLAR PLOTS

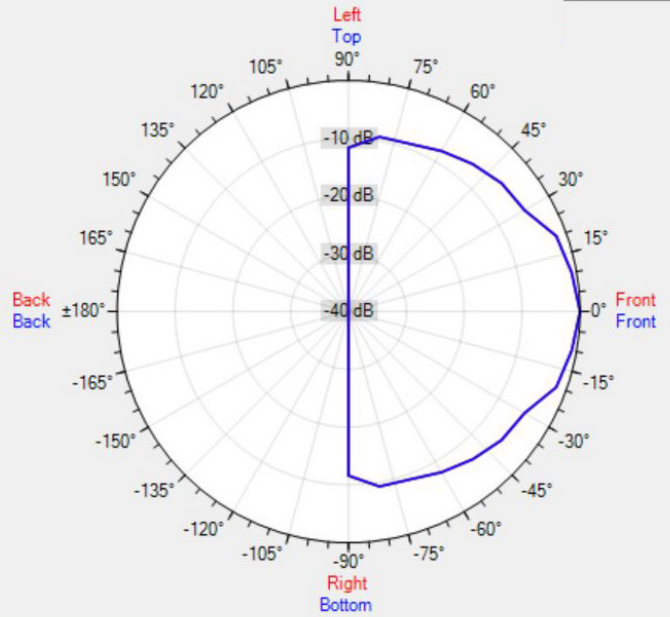
Data Shown: EN-CM6T6 (APart Audio)  
Display Parameters: Frequency: 1000Hz (1/24th Octave)

Horizontal  
Vertical



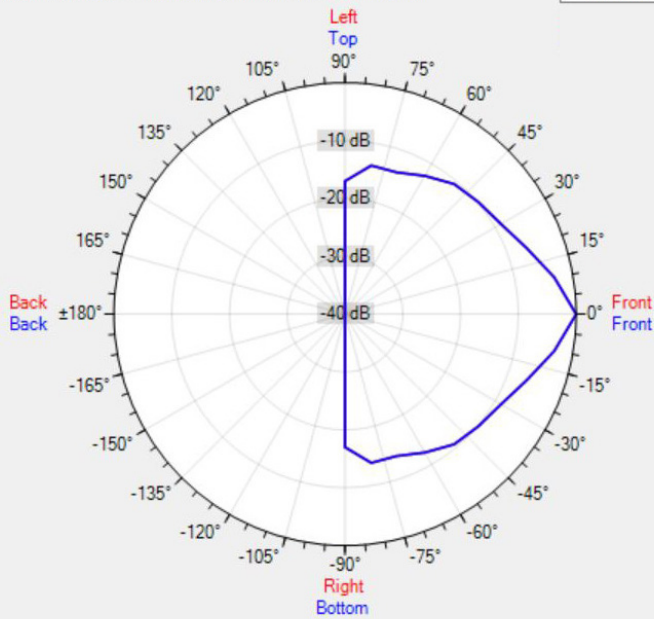
Data Shown: EN-CM6T6 (APart Audio)  
Display Parameters: Frequency: 2000Hz (1/24th Octave)

Horizontal  
Vertical



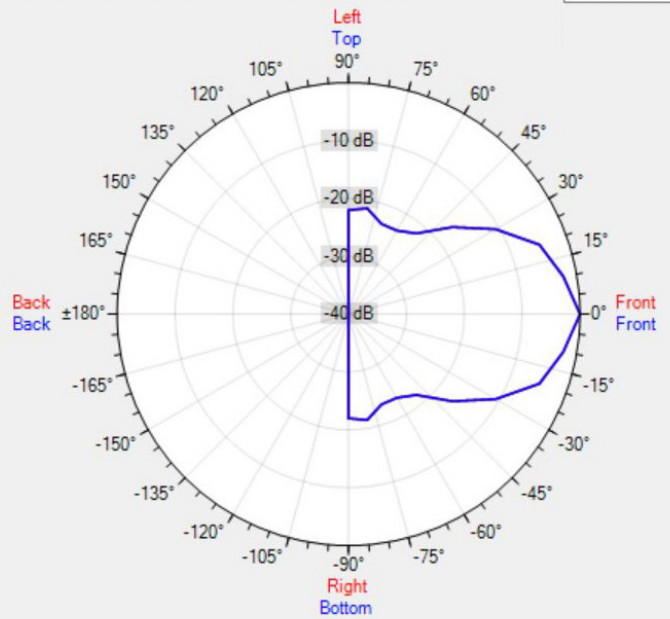
Data Shown: EN-CM6T6 (APart Audio)  
Display Parameters: Frequency: 4000Hz (1/24th Octave)

Horizontal  
Vertical



Data Shown: EN-CM6T6 (APart Audio)  
Display Parameters: Frequency: 8000Hz (1/24th Octave)

Horizontal  
Vertical



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