

# CMX20T

8" two-way loudspeaker, white



CMX20T two-way built-in loudspeaker produces a warm and deep sound ideal for speech and music. The CMX20T loudspeaker has an 8" enforced polypropylene woofer and 1" tweeter. Due to this enforced woofer, the loudspeaker has a very low distortion! It makes the CMX20T very suitable for the distribution of microphone calls and background music at a higher volume level.

The housing is made of high quality ABS. The woofer is made out of enforced polypropylene with a rubber edge, what makes it moisture-proof. The aluminium grille makes CMX20T humidity proof and suitable for use in bathrooms and kitchens.

In 16 ohms use, you can connect up to 4 loudspeakers in parallel on each channel of a standard 4 ohms amplifier. For 100 volt use, the CMX20T is equipped with a high-quality 20 watts 100 volt transformer with several power tapings (20 – 10 – 5 – 2.

5 watts).

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

This loudspeaker is now updated with a new Quick Fix connector and transformer tapping sticker for an even faster and easier installation.

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

The complete redesign of the CM Series is done according to the corporate Apart identity. Apart blue speaker clamps and product sticker, an Apart marked transformer and loudspeaker basket.

The CMX20T loudspeakers can be painted in any colour.

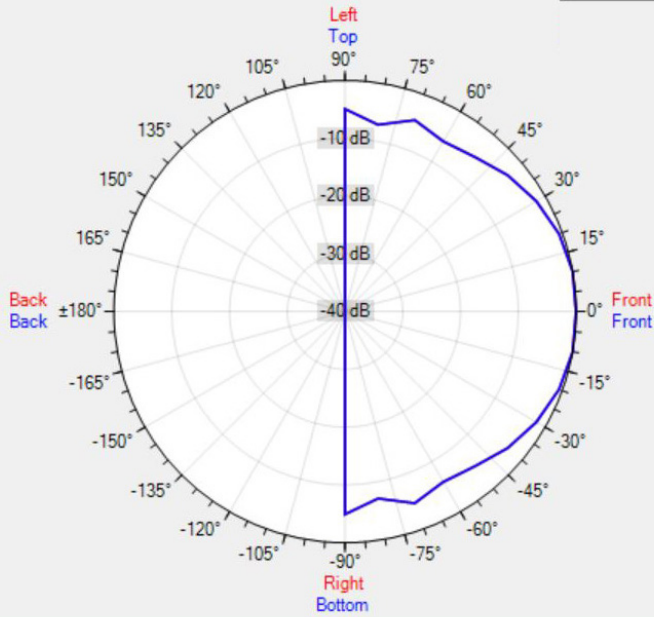
## TECHNICAL SPECIFICATIONS

|  |                            |                                      |                   |
|--|----------------------------|--------------------------------------|-------------------|
| outside diameter in mm                     | 244                        | depth in mm                          | 87                |
| cutout in mm                               | 223                        | installation grip range in mm        | 4 - 25            |
| loudspeaker system                         | 2-way                      | woofer size in inch                  | 8                 |
| woofer cone material                       | polypropylene              | tweeter size in inch                 | 1                 |
| mounting system                            | 3 screws                   | colour                               | white / black     |
| 100V transformer power taps in watts       | 20 - 10 - 5                | 70V transformer power taps in watts  | 20 - 10 - 5 - 2.5 |
| impedance in ohms                          | 16                         | low impedance dynamic power in watts | 100               |
| low impedance RMS power in watts           | 50                         | SPL 1W/1m in dB                      | 88                |
| max SPL 1m in dB                           | 108                        | frequency response in Hz             | 50 - 20K          |
| main construction material                 | ABS plastic                | grille main material                 | aluminium         |
| IP rating                                  |                            | applicable low impedance             | yes               |
| applicable in 100V                         | yes                        | Vertical dispersion angle 1000 Hz    | 180°              |
| closest RAL colour (subject to deviations) | RAL9010 (W) / RAL9011 (BL) | Net weight product in kg             | 1.40              |

## POLAR PLOTS

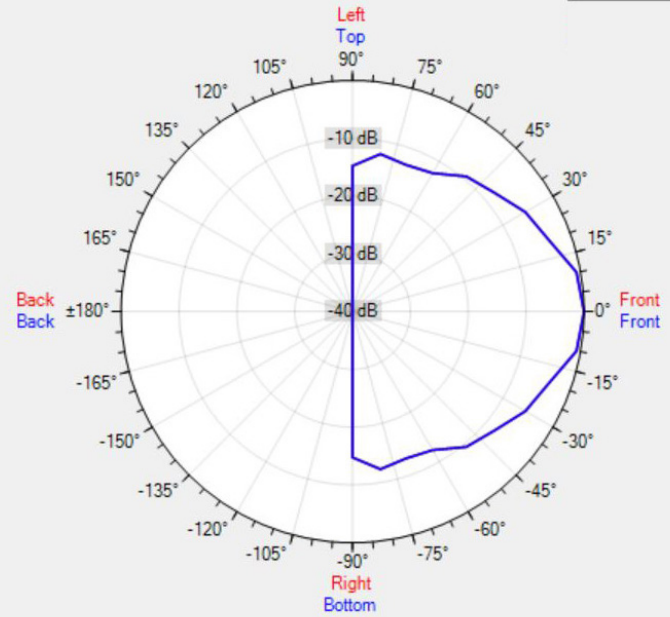
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 Display Parameters: Frequency: 1000Hz (1/24th Octave)

Horizontal  
 Vertical



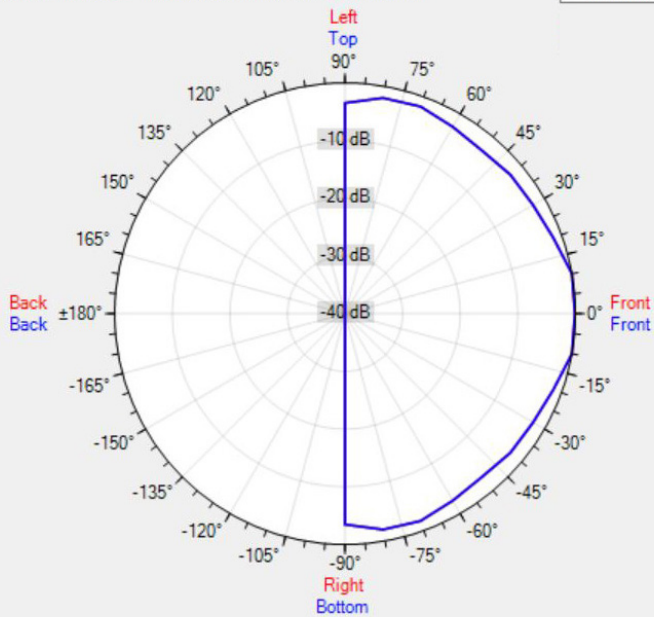
Data Shown: CMX20T (Apart Audio)  
 Display Parameters: Frequency: 2000Hz (1/24th Octave)

Horizontal  
 Vertical



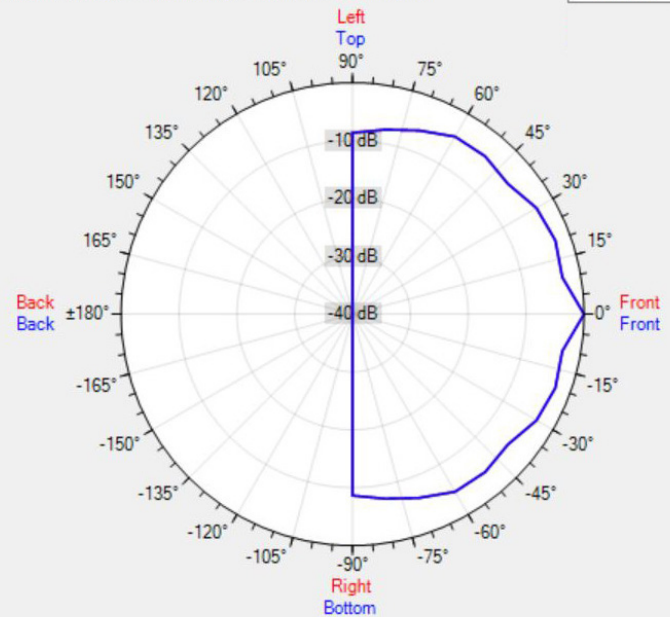
Data Shown: CMX20T (Apart Audio)  
 Display Parameters: Frequency: 4000Hz (1/24th Octave)

Horizontal  
 Vertical



Data Shown: CMX20T (Apart Audio)  
 Display Parameters: Frequency: 8000Hz (1/24th Octave)

Horizontal  
 Vertical



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