

# HM25-G

## Metal compression driver horn



Usually the words 'industrial' and 'clear-sound' are not compatible with each other, although Apart proves it can! The HM25-G is a very powerful full metal horn loudspeaker with compression driver. Even the inner horn part is made in aluminium, what makes the HM25-G unique!

The HM25-G is equipped with a high quality 100 volt transformer with three power taps, including a thermal overload cut-off switch. The Apart technology avoids any overload of your amplifier by controlling the impedance with the unique IMC protection device inside. This circuit controls the speaker's impedance even beyond its nominal frequency range and protects your 100 volt amplifiers from overload.

The double cable glands allow easy wiring and connection of the HM25-G. The housing is totally weatherproof and its supplied aluminium bracket is also corrosion protected... ideal for long distance speech and alarm sounds in evacuation systems indoor or outdoor.

Exceptional sensitivity makes the HM25-G suitable for the toughest circumstances including high speed railway tunnels and stations, a warehouse full of loud machinery or a school full of crowded students...The HM25-G is so powerful that you can be sure everyone heard your message loud and clear.

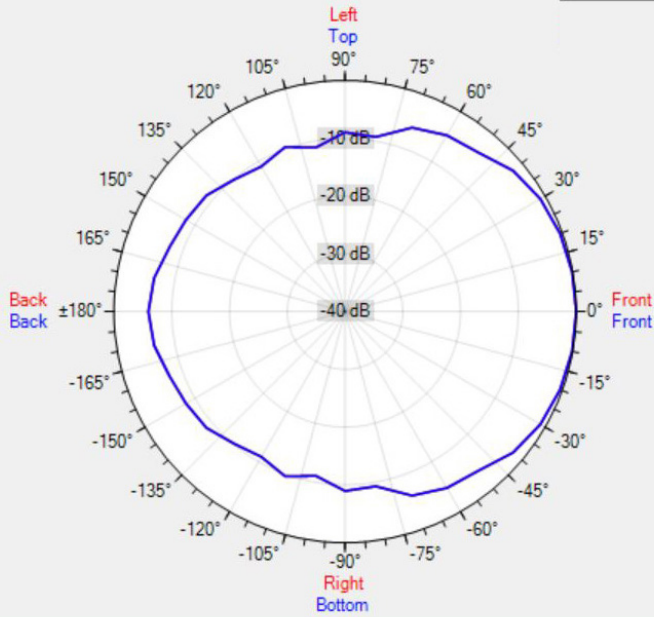
### TECHNICAL SPECIFICATIONS

outside diam. in mm	206	depth in mm	266
loudspeaker system	compression driver	mounting system	U-bracket
colour	grey	100V transformer power taps in watts	25 - 20 - 10
SPL 1W/1m in dB	103	max SPL 1m in dB	117
frequency response in Hz	300 - 15 k	main construction material	aluminium
IP rating	66	applicable low impedance	no
applicable in 100V	yes	Vertical dispersion angle 1000 Hz	180°
closest RAL colour (subject to deviations)	RAL9006	Net weight product (kg)	1.90

## POLAR PLOTS

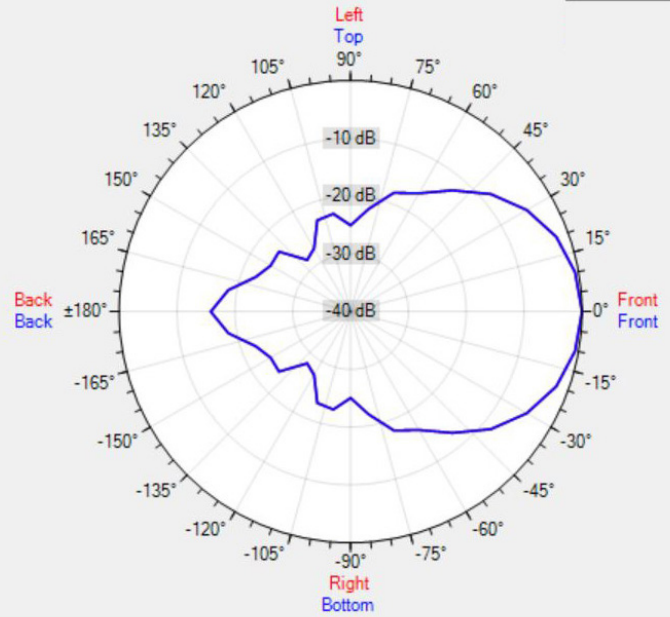
Data Shown: HM25 (Apart Audio)  
 Display Parameters: Frequency: 1000Hz (1/24th Octave)

Horizontal  
 Vertical



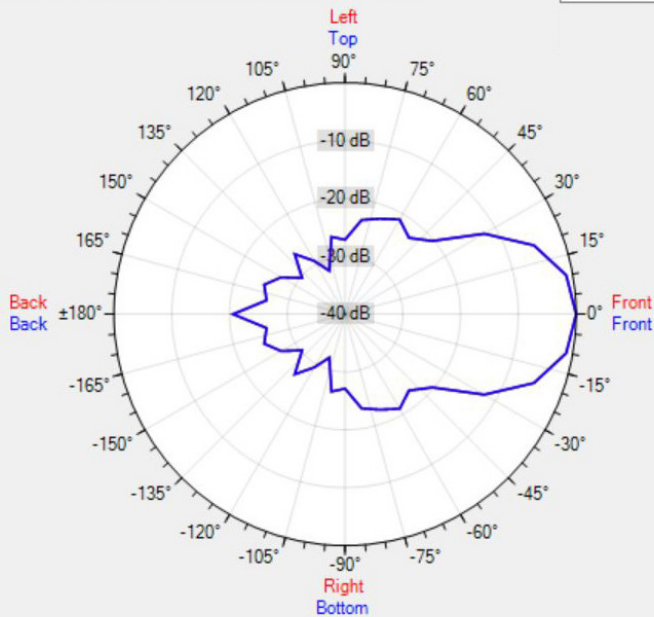
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 Display Parameters: Frequency: 2000Hz (1/24th Octave)

Horizontal  
 Vertical



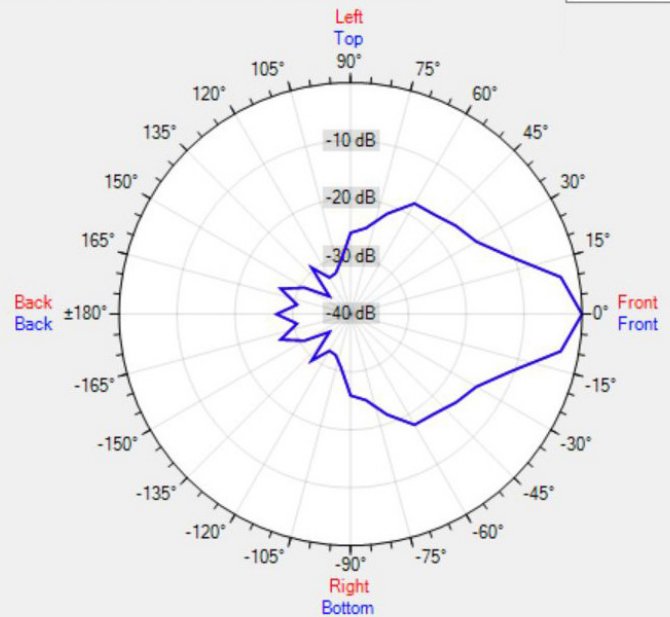
Data Shown: HM25 (Apart Audio)  
 Display Parameters: Frequency: 4000Hz (1/24th Octave)

Horizontal  
 Vertical



Data Shown: HM25 (Apart Audio)  
 Display Parameters: Frequency: 8000Hz (1/24th Octave)

Horizontal  
 Vertical



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