

## H20-G

### Compact compression driver horn



The H20-G is a powerful weatherproof industrial horn loudspeaker with compression driver. It offers a high sound pressure, which makes this loudspeaker ideally suited for speech and the reproduction of alarm signals in a noisy environment. The H20-G is ideal for long-distance and outdoor use.

The stainless steel brackets and rust free bolts and screws make this horn suited for indoor and outdoor use. The bracket also makes it possible to rotate the speaker over a range of more than 180 degrees.

Because this horn speaker is constructed in high impact ABS, it is able to withstand even the harshest of elements.

The H20-G loudspeaker is equipped with a high quality 100 volt transformer with several power taps, and can also be used in 8 ohms systems. Our technology avoids any overload of your amplifier by controlling the impedance with the unique IMC protection device inside.

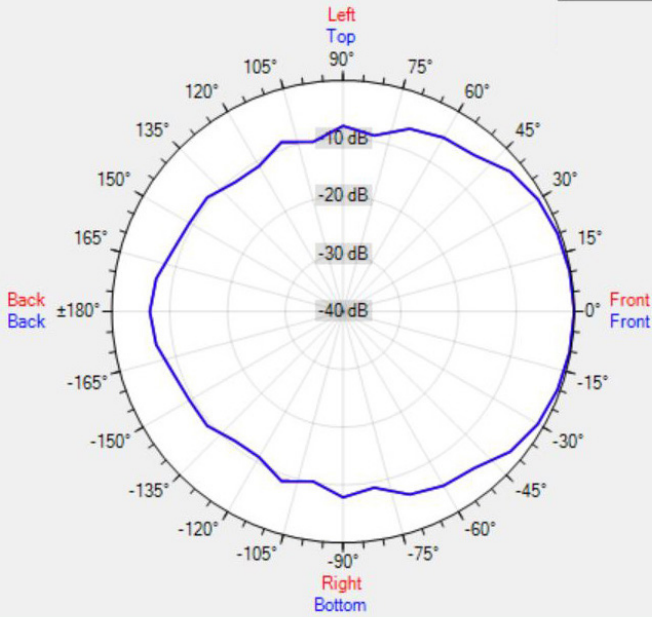
### TECHNICAL SPECIFICATIONS

|                                   |                    |  |                   |
|-----------------------------------|--------------------|--|-------------------|
| outside diam. in mm               | 200                | depth in mm                                | 230               |
| loudspeaker system                | compression driver | mounting system                            | U-bracket         |
| colour                            | grey               | 100V transformer power taps in watts       | 20 - 10 - 5 - 2.5 |
| impedance in ohms                 | 8                  | low impedance dynamic power in watts       | 30                |
| low impedance RMS power in watts  | 20                 | SPL 1W/1m in dB                            | 105               |
| max SPL 1m in dB                  | 116                | frequency response in Hz                   | 280 - 9.5 k       |
| main construction material        | ABS plastic        | IP rating                                  | 66                |
| applicable low impedance          | yes                | applicable in 100V                         | yes               |
| Vertical dispersion angle 1000 Hz | 180°               | closest RAL colour (subject to deviations) | RAL9006           |
| Net weight product (kg)           | 1.36               |  |                   |

## POLAR PLOTS

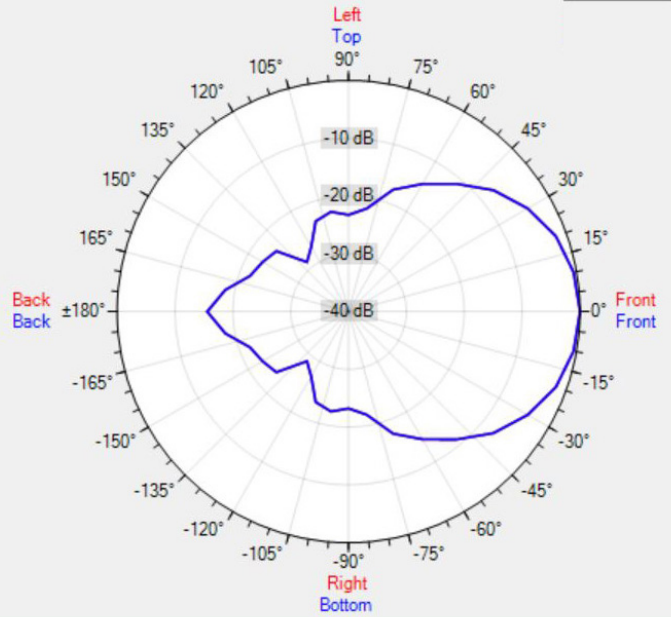
Data Shown: H20 (Apart Audio)  
Display Parameters: Frequency: 1000Hz (1/24th Octave)

Horizontal  
Vertical



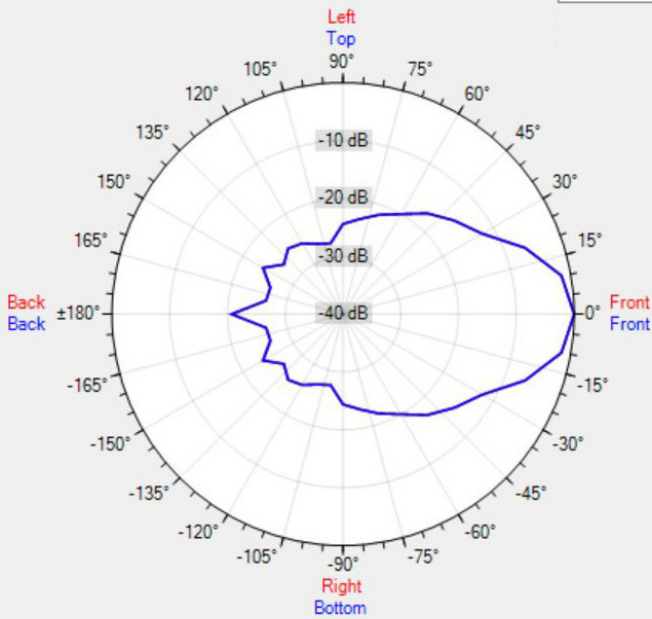
Data Shown: H20 (Apart Audio)  
Display Parameters: Frequency: 2000Hz (1/24th Octave)

Horizontal  
Vertical



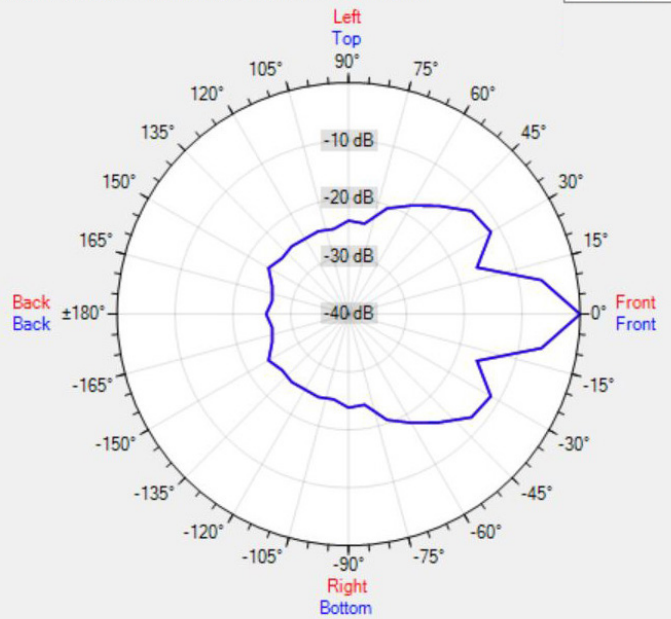
Data Shown: H20 (Apart Audio)  
Display Parameters: Frequency: 4000Hz (1/24th Octave)

Horizontal  
Vertical



Data Shown: H20 (Apart Audio)  
Display Parameters: Frequency: 8000Hz (1/24th Octave)

Horizontal  
Vertical



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