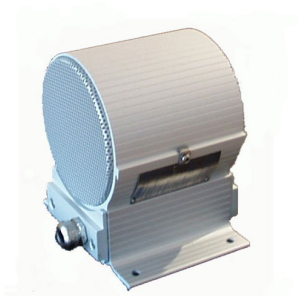


CAREEX-6 - ATEX

Wall-mounted EX Loudspeaker



Main features

- Robust industrial technology
- Sturdy and robust design
- Ingress protection of connection chamber IP67
- Loudspeaker for Ex zone 1

The wall-mounted Ex loudspeakers of the CAREEX-6 - ATEX series are used together with the INDUSTRONIC communication and public address. They are especially designed for installation in ex zones, e.g. laboratories.

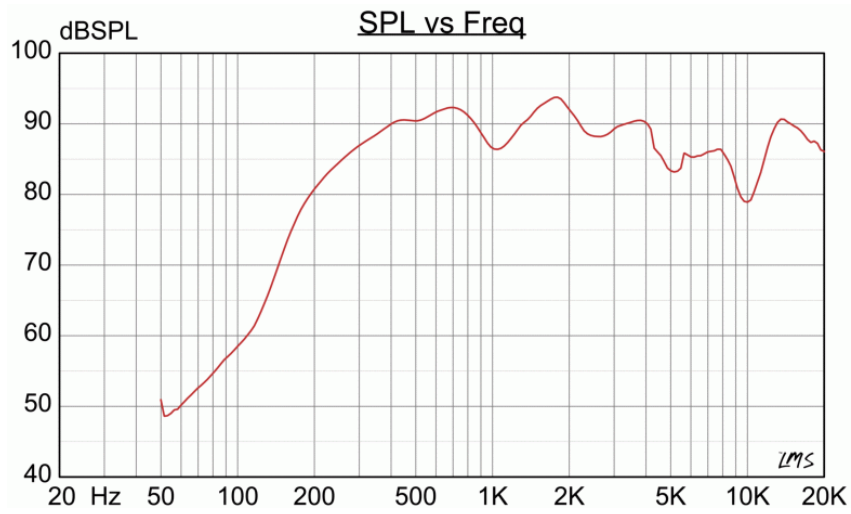
Mechanical data

• Housing	Aluminium anodized
• Dimensions (Weight x Height x Depth)	171 mm x 178 mm x 145 mm (6 3/4" x 7" x 5 3/4")
• Cable gland	M20
• Ingress protection of connection chamber	IP67
• Weight	3.6 kg (7,94 lb)
• Color	Grey
• Mounting	Foot bracket

Electrical data

• Rated power	6 W
• Transformer tapings	100 V: 6 W / 3 W / 1,5 W / 1 W / 0,5 W / 0,3 W
• Sound pressure level 1 W, 1 m	86 dB +/- 3 dB
• Sound pressure level 6 W, 1 m	93 dB +/- 3 dB
• Effective frequency range	160 Hz to 16000 Hz
• Dispersion angle (-6dB)	1 kHz: 180°, 4 kHz: 90°
• Certification	Ex II2G Ex d e IIB+H ₂ T6 Gb
• Ambient temperature during operation	-20 °C to +40 °C (-4 °F to 104 °F)

Frequency diagram



Measurement conditions

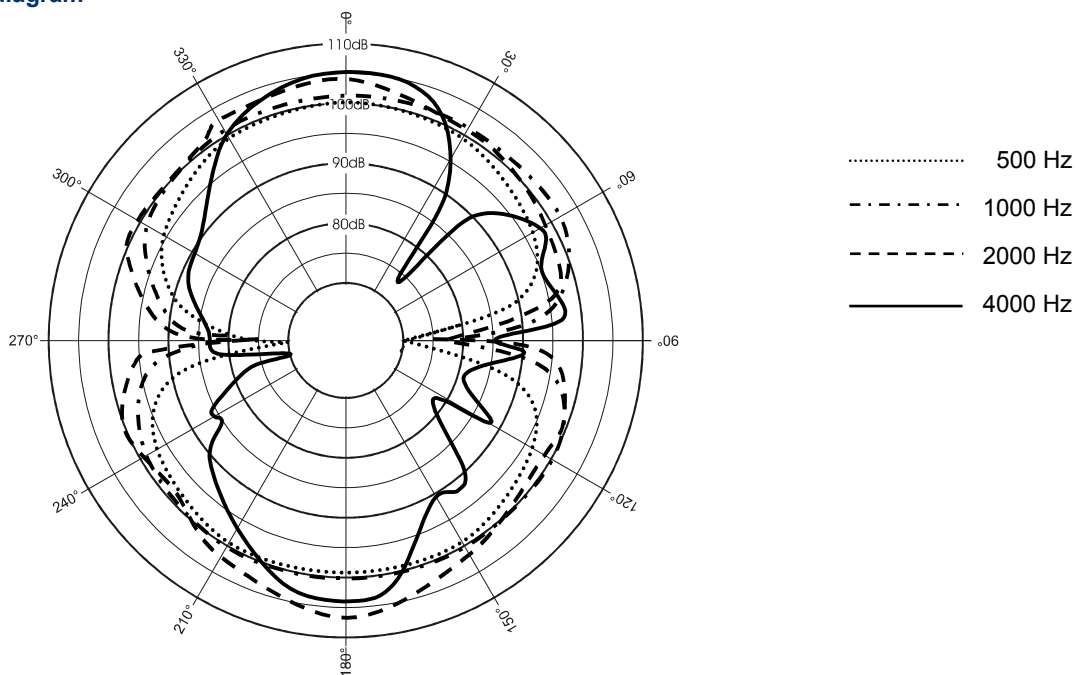
Sound pressure level (SPL): 1 W / 1 m

Pink noise: 1/3 octave filter

Output level related to distance

P _{max} : 6 W	Level (dB) at	(-6 dB)	(-12 dB)	(-16 dB)	(-18 dB)	(-20 dB)	(-22 dB)	(-24 dB)	(-26 dB)	
		1 m	2 m	4 m	6 m	8 m	10 m	12 m	15 m	20 m
		93	87	81	77	75	73	71	69	67

Polar diagram



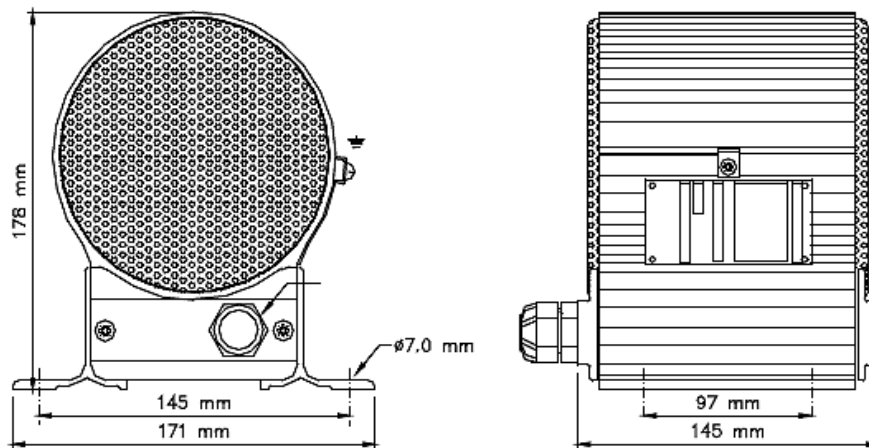


Figure 1: Dimensional drawing CAREEX-6 - ATEX

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