



HS-8 T SPEAKER

ROBUST HORN SPEAKER 8 W

The Speaker is especially designed for use in environments with high temperature. The completely closed housing protects the speaker against the ingress of dirt and dust from behind.



- Robust industrial technology
- Sturdy and robust design
- Completely closed housing
- Degree of protection IP67

MECHANICAL DATA

Housing	Aluminum
Diameter x length	124 mm x 141 mm (4.88" x 5.55")
Thread	1 x 20 mm (0.79")
Cable gland	1 x M20
Weight	1.8 kg (3.97 lbs)
Color	Light gray (RAL 7035)
Mounting	Stainless steel bracket

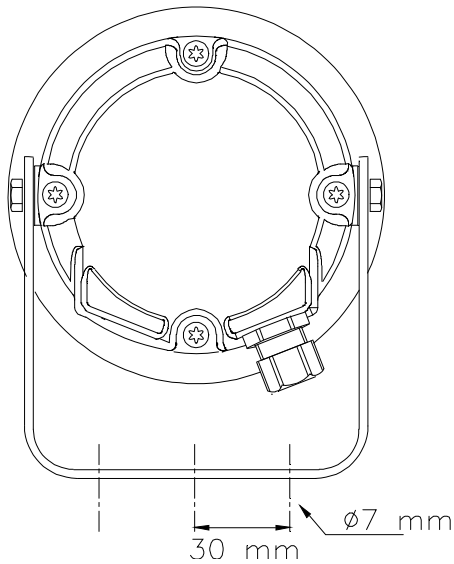
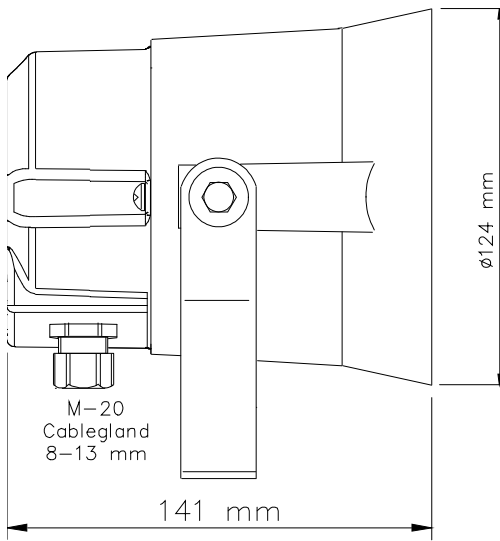
ELECTRICAL DATA

Rated power	8 W
Transformer tapings	100 V: 8 W / 4 W / 2 W
Sound pressure level 1 W, 1 m (3.28 ft)	103 dB (+/-3 dB)
Sound pressure level 8 W, 1 m (3.28 ft)	111 dB (+/-3 dB)
Effective frequency range	500 Hz to 7,000 Hz
Dispersion angle -6 dB	1 kHz : 160°, 4 kHz: 45°

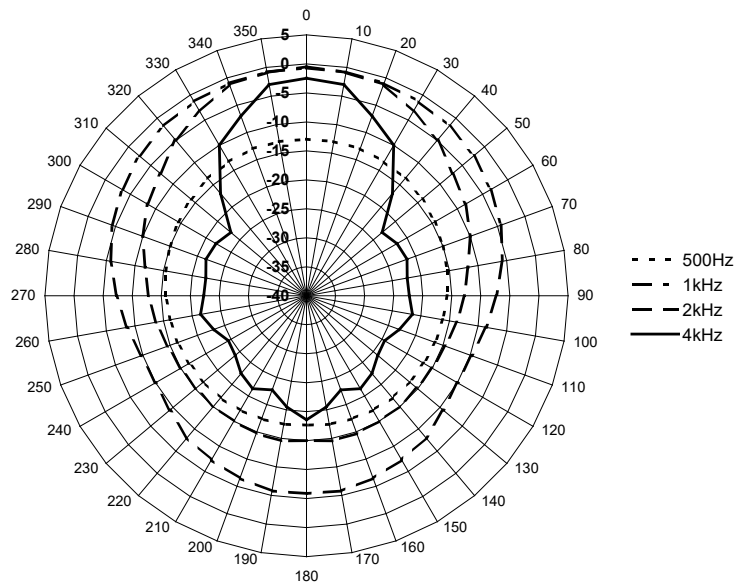
ENVIRONMENTAL REQUIREMENTS AND STANDARDS

Ambient temperature during operation	-50 °C to +110 °C (-58 °F to 230 °F)
Relative humidity (non-condensing)	Max. 95 %
Degree of protection	IP67

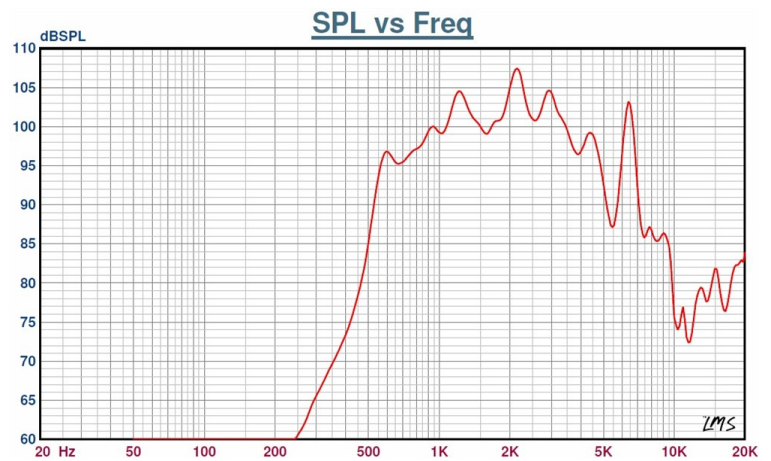
DIMENSIONS



POLAR DIAGRAMM



FREQUENCY DIAGRAMM



MEASUREMENT CONDITIONS

Sound pressure level (SPL)	1 W / 1 m (3.28 ft)
Pink noise	1/3 octave filter
Zero level in frequency response	60 dB
Range	50 dB

SOUND PRESSURE LEVEL RELATED TO DISTANCE

P_{max} 8 W	Level (dB) at	(-6 dB)	(-16 dB)	(-24 dB)	(-28 dB)	
	1 m (3.28 ft)	2 m (6.56 ft)	6 m (19.69 ft)	16 m (52.49 ft)	25 m (82.02 ft)	
		111	105	95	87	83

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ORDER DATA

Type Number	001-208-008
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