



TR-15-EN SPEAKER

WEATHERPROOF HORN SPEAKER WITH SAFETY STANDARD EN 54-24

The speaker has a robust and durable design and, with its high safety standard EN 54-24, is ideal for voice alarms.

An integrated high-pass filter protects the speaker from harmful frequencies.



- For use in outdoor areas
- Approved according to EN 54-24
- Degree of protection IP66
- Robust industrial technology
- Stable and durable design

MECHANICAL DATA

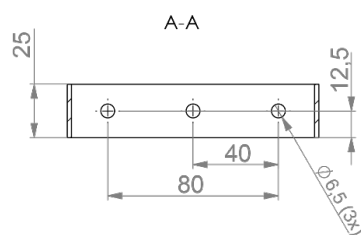
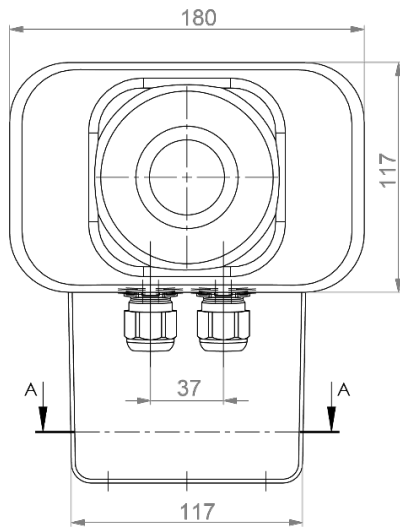
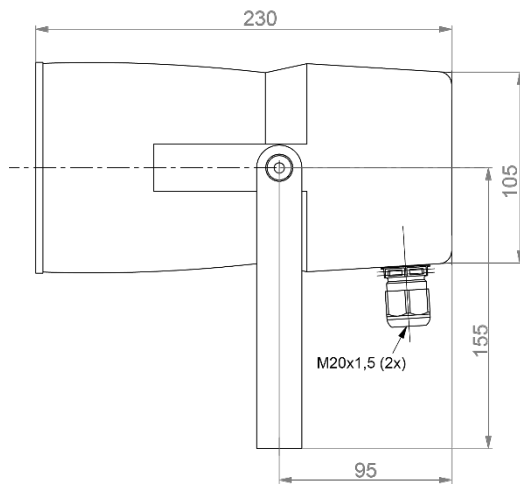
Housing	ABS plastic, UL94V0 certified
Width x Height x Length	180 mm x 120 mm x 230 mm (7.09" x 4.72" x 9.06")
Cable entry	2 x 20 mm (0.79")
Cable gland	2 x M20
Connection	WAGO® push terminals (cable cross-section up to 2.5 mm²)
Weight	2.0 kg (4.41 lbs)
Color	Gray (RAL 7035)
Mounting	Stainless steel bracket

ELECTRICAL DATA

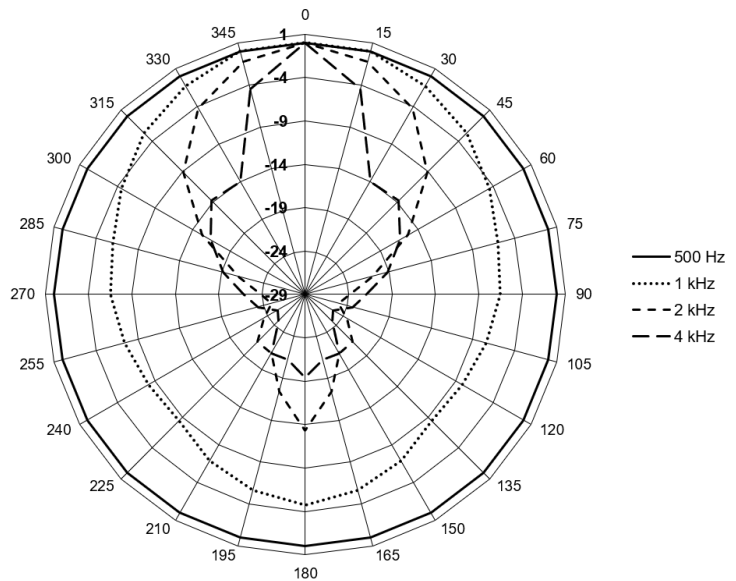
Rated power	15 W
Transformer	100 V: 15 W / 7.5 W / 3.75 W
Sound pressure level 1 W, 1 m	110 dB (+/-3 dB)
Sound pressure level 15 W, 1 m	120 dB (+/-3 dB)
Frequency range	350 Hz to 10,000 Hz
Coverage angle -6 dB	1 kHz: 180° (h/v) 4 kHz: 79° (h) 119° (v)



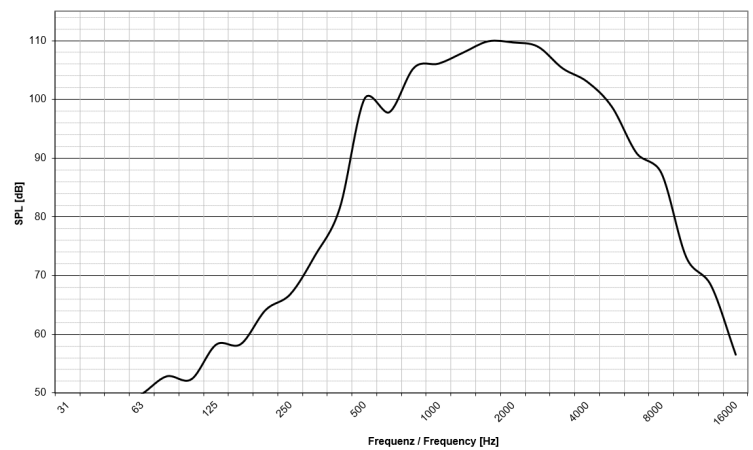
DIMENSIONS



POLAR DIAGRAM



FREQUENCY DIAGRAM



MEASUREMENT CONDITIONS

Sound pressure level (SPL)	1 W / 1 m
Pink noise	1/3 octave filter
Zero level in frequency response	50 dB
Range	65 dB

SOUND PRESSURE LEVEL RELATED TO DISTANCE

P_{max} 15 W	Level (dB) at	(-6 dB)	(-20 dB)	(-28 dB)	(-36 dB)
	1 m (3.28 ft)	2 m (6.56 ft)	10 m (32.81 ft)	25 m (82.02 ft)	65 m (213.25 ft)
	120	114	100	92	84

ENVIRONMENTAL REQUIREMENTS AND STANDARDS

Ambient temperature during operation	-40 °C to +80°C (-40 °F to +176 °F)
Relative humidity (non-condensing)	Max. 95 %
Degree of protection	IP66
Approval	EN 54-24: 2008
Certificate	1293 CPD 0332

ORDER DATA

Type number	001-215-039
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