



KL 20/2 UE SPEAKER

WEATHER-PROOF HORN SPEAKER WITH DEGREE OF PROTECTION OF IP67

The speaker is ideal for harsh and challenging environments and extreme temperatures. The M20 cable gland protects against the ingress of dust and water.

The MED type is certified for maritime use.



- Robust industrial technology
- Sturdy and robust design
- Degree of protection IP67
- Wide frequency range
- Sound pressure level of up to 122 dB
- Stainless steel bracket
- Also available as MED type

MECHANICAL DATA

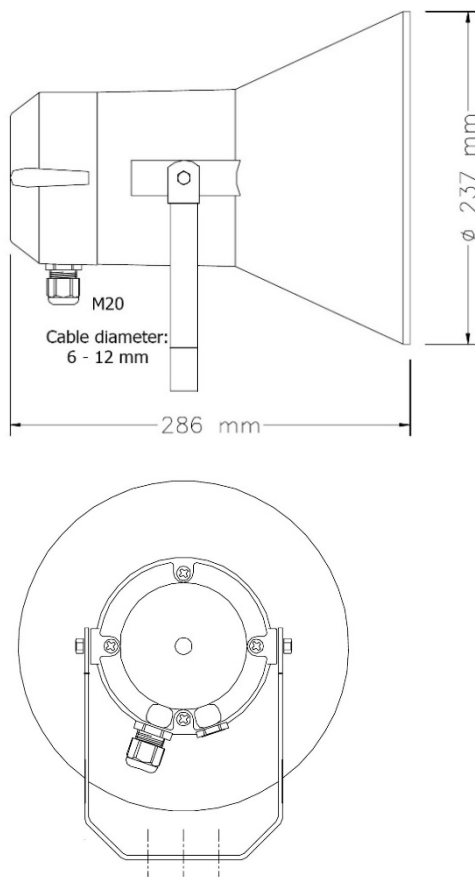
Housing	Special plastic polyamide
Diameter x depth	237 mm x 286 mm (9.33" x 11.26")
Threads	2 x M20 x 1.5
Cable gland	1 x M20 x 1.5
Connection	Screw terminals (Cable cross-section up to 2.5 mm ²)
Weight	Approx. 2.1 kg (4.63 lbs)
Color	Gray (RAL 7035)
Mounting	Stainless steel bracket

ELECTRICAL DATA

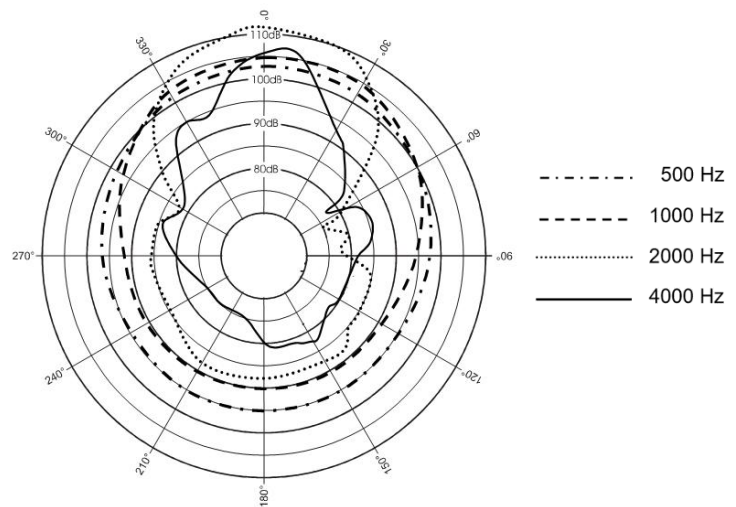
Rated power	20 W
Transformer tapings	100 V : 20 W / 15 W / 7.5 W / 3.5 W / 2 W
Sound pressure level 1 W, 1 m (3.28 ft)	110 dB (+/- 3dB)
Sound pressure level 20 W, 1 m (3.28 ft)	122 dB (+/- 3dB)
Effective frequency range	310 Hz to 8000 Hz
Dispersion angle (-6 dB)	1 kHz: 110°, 4 kHz: 32°



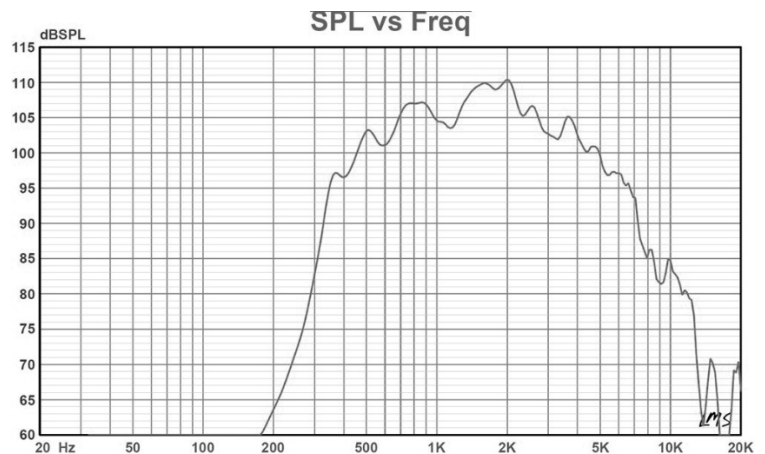
DIMENSIONS



POLAR DIAGRAM



FREQUENCY DIAGRAM



MEASUREMENT CONDITIONS

Sound pressure level (SPL)	1 W / 1 m (3.28 ft)
Pink noise	1/3 octave filter
Zero level in frequency range	60 dB
Range	55 dB

SOUND PRESSURE LEVEL RELATED TO DISTANCE

P_{max} 20 W	Level (dB) at	(-6dB)	(-23dB)	(-28dB)	(-36dB)
	1 m (3.28 ft)	2 m (6.56 ft)	15 m (49.21 ft)	25 m (82.02 ft)	65 m (213.25 ft)
	122	116	99	94	86

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

ORDER DATA

Type	Type number
KL 20/2 UE	001-220-007
KL 20/2 UE-MED	001-220-007/MED

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