

# KL 25/2 UE

## Weatherproof Horn Speaker



### Features and Functions

- Weatherproof horn speaker for outdoor installation
- Robust industrial technology
- Sturdy design
- Degree of protection IP67

The compact weatherproof horn speakers of the KL 25/2 UE series are used together with the INDUSTRONIC communication and public address system. They are ideal for harsh and challenging environments as well as extreme temperatures. The M20 cable gland protects the speaker against the ingress of dust and water.

### Mechanical Data

• Housing	Special plastic
• Dimensions	272 mm x 197 mm x 342 mm (10.7" x 7.8" x 13.5")
• Cable entries	2 x M20
• Cable gland	1 x M20
• Connection	Screw terminals
• Degree of protection	IP67
• Weight	2.2 kg (4.9 lbs)
• Color	Light gray (RAL 7035)
• Mounting	Stainless steel bracket

### Electrical Data

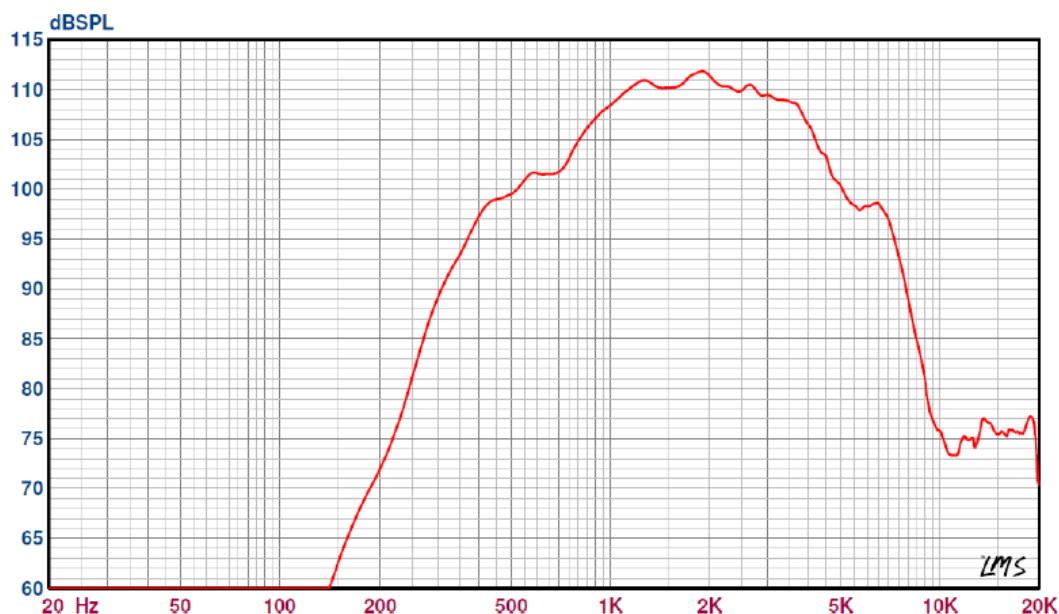
• Rated power	25 W
• Transformer	100 V: 25 W / 14.5 W / 9.5 W / 8 W / 4 W / 2.4 W
• Sound pressure level 1 W, 1 m (3.3 ft)	112 dB +/-3 dB
• Sound pressure level 25 W, 1 m (3.3 ft)	124 dB +/-3 dB
• Effective frequency range	300 Hz to 8,000 Hz
• Dispersion angle -6 dB	1 kHz: 140°, 4 kHz: 40°

**Environmental Requirements**

- Ambient temperature during operation -50 °C to +90 °C (-58 °F to +194 °F)
- Humidity Max. 95 %

**Order Data**
**Type Number**

001-225-039

**Frequency Diagram**

**Measurement Conditions:**

Sound Pressure Level (SPL): 1 W / 1 m

Pink noise: 1/3 octave filter

**Output Level related to Distance**

P <sub>max</sub> :	Level (dB)	(-6 dB)	(-14 dB)	(-20 dB)	(-23 dB)	(-26 dB)	(-28 dB)	(-29 dB)	(-36 dB)	
	at									
25 W	1 m (3.3 ft)	2 m (6.6 ft)	5 m (16.4 ft)	10 m (33 ft)	15 m (49 ft)	20 m (66 ft)	25 m (82 ft)	30 m (98 ft)	65 m (213 ft)	
		124	118	110	104	101	98	96	95	88

## Polar Diagram

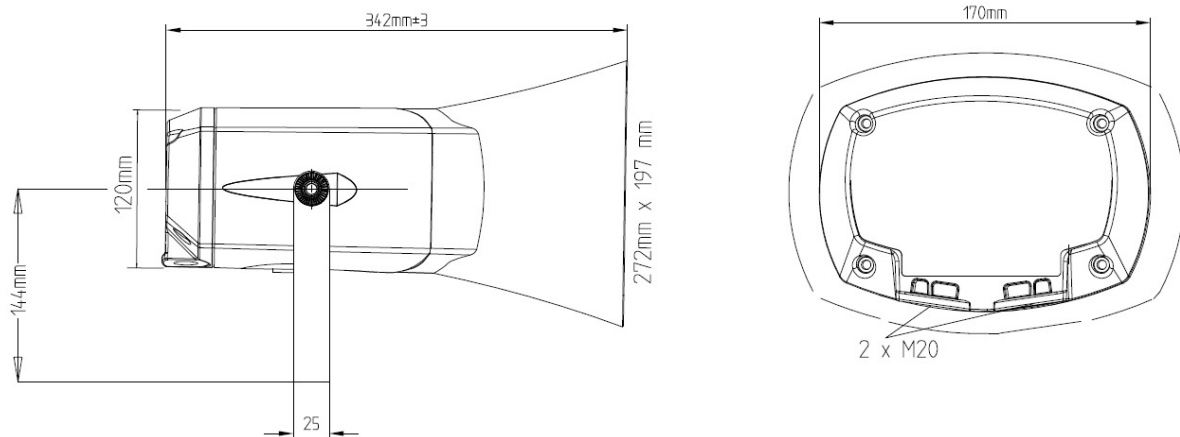
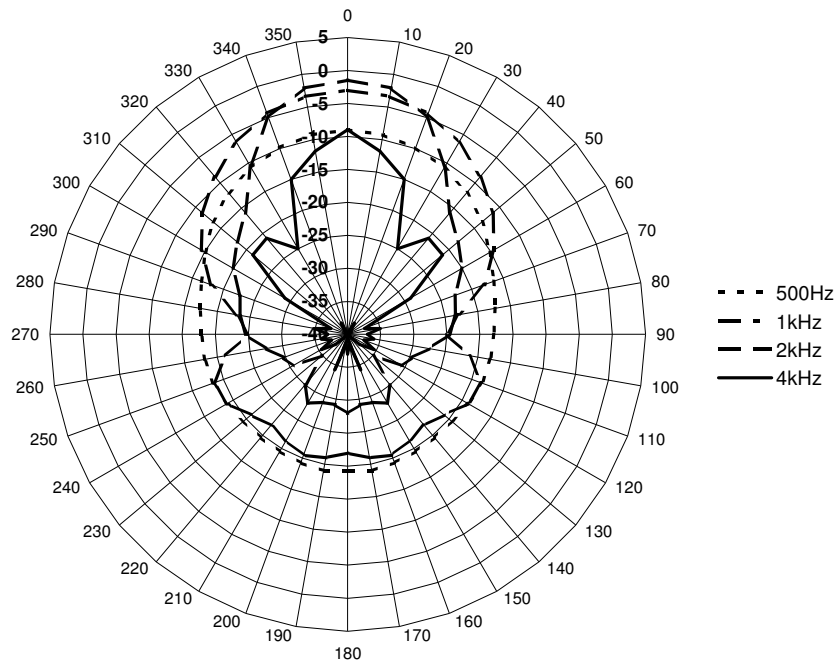


Figure 1: Dimensional drawing KL 25/2 UE

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