

WAL 165/6 PP EN54

Wall-mounted 6 Watt Loudspeaker



Main features

- Robust industrial technology
- Sturdy and robust design
- Excellent speech intelligibility
- Loudspeaker for indoor use
- Certified according to EN 54-24: 2008

The wall-mounted loudspeakers of the WAL 165/6 PP EN54 series are used together with the INDUSTRONIC communication and public address system. The speakers comply with the high safety requirements of EN 54-24: 2008 and are therefore ideal for use in voice alarm systems.

The power adjustment is carried out via different tapings on the primary side of the transformer.

Mechanical data

• Housing	MDF wood
• Cover	Perforated metal plate
• Dimensions (width x height x depth)	253 mm x 193 mm x 83 mm (10" x 7 1/2" x 3 1/4")
• Weight	Approx. 1.8 kg (approx. 4 lbs)
• Color	White
• Connection	Screw terminals
• Mounting	Wall mounting

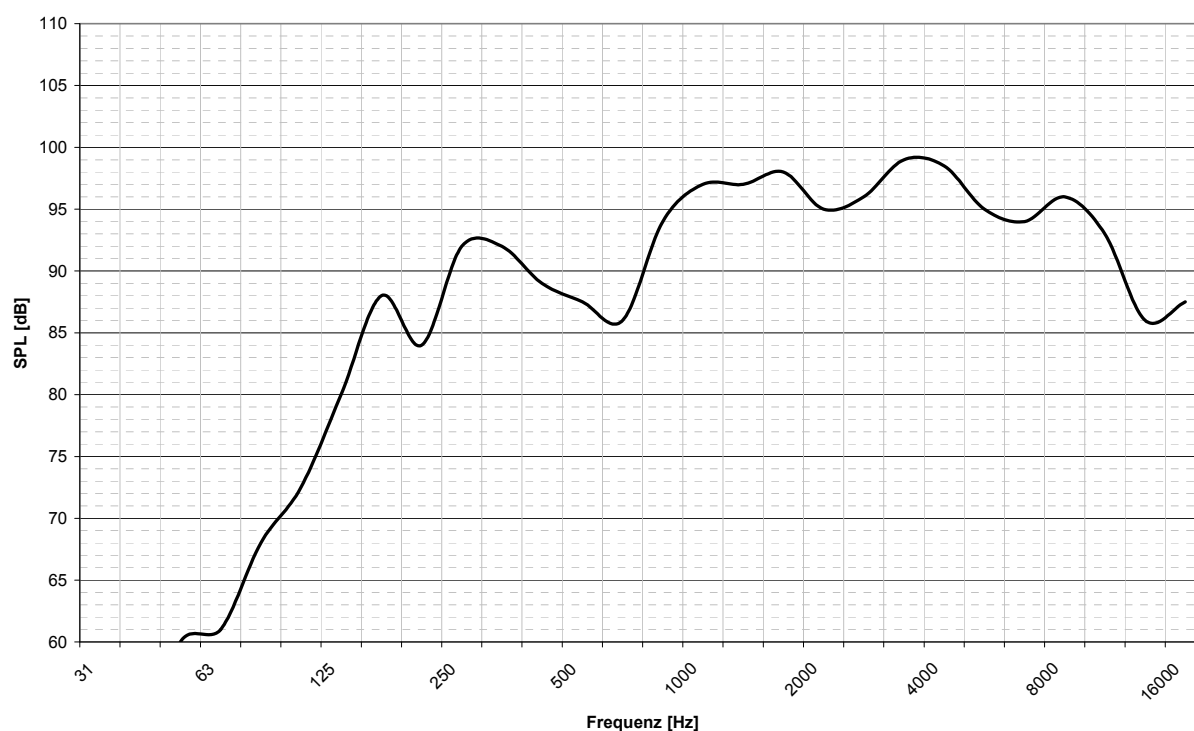
Electrical data

• Rated power	6 W
• Transformer tapings	100 V: 6 W / 3 W / 1.5 W / 0.75 W
• Sound pressure level 1 W, 1 m	98 dB +/- 3 dB
• Sound pressure level 6 W, 1 m	106 dB +/- 3 dB
• Effective frequency range	140 Hz to 19.700 Hz
• Dispersion angle -6 dB	1 kHz: 100°, 4 kHz: 85°

Environmental requirements and standards

• Ambient temperature during operation	-20 °C to +60 °C (-4 °F to 140 °F)
• Relative humidity (non-condensing)	Max. 95 %
• Certification	EN 54-24: 2008

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} :	Level (dB) at	(-6 dB)	(-12 dB)	(-16 dB)	(-18 dB)	(-22 dB)	(-24 dB)	(-26 dB)	(-28 dB)	
		1 m	2 m	4 m	6 m	8 m	12 m	16 m	20 m	25 m
6 W		106	100	94	90	88	84	82	80	78

Polar diagram

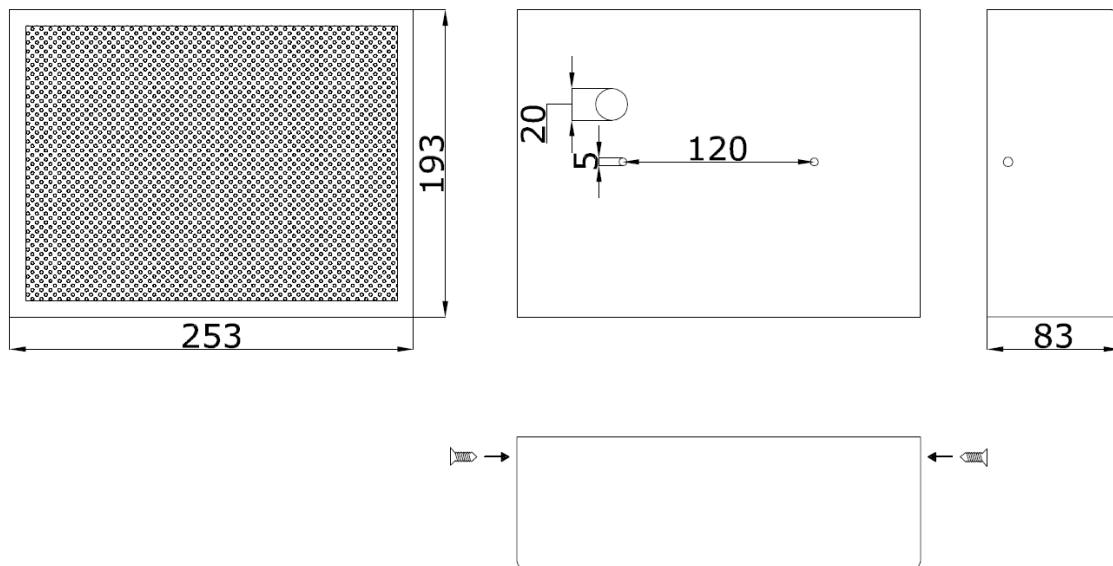
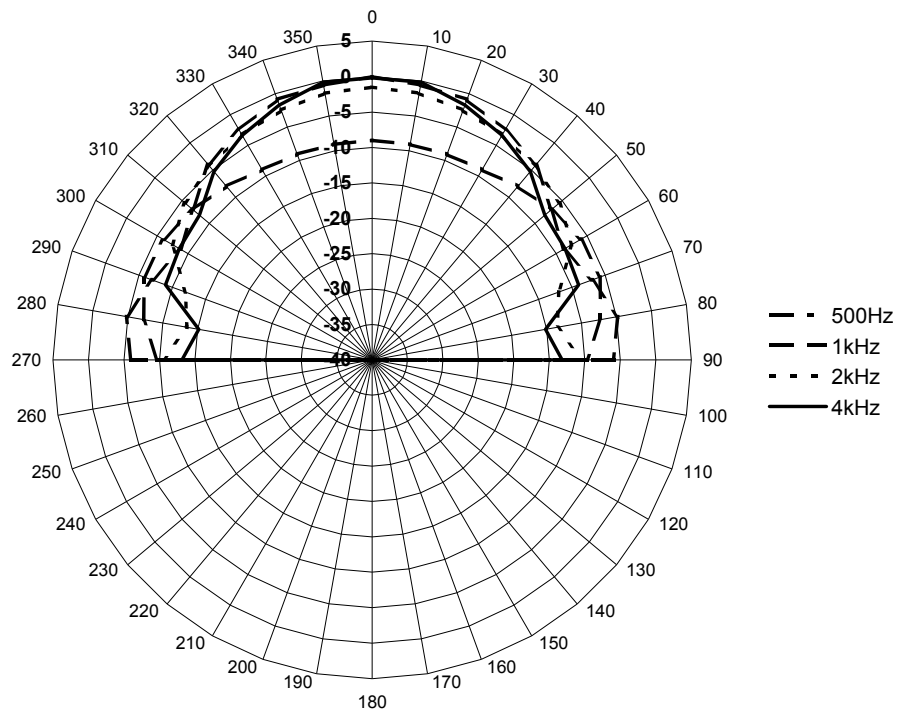


Figure 1: Dimensional drawing WAL 165/6 PP EN54

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