

AL 10

Outdoor Loudspeaker



Main features

- Strong industrial technology
- Sturdy and robust design
- Ingress protection IP 54
- Ideal for speech and background music

The compact weatherproof loudspeakers of the AL10 series are used together with the INDUSTRONIC communication and public address system. They are ideal for transmission of speech and background music.

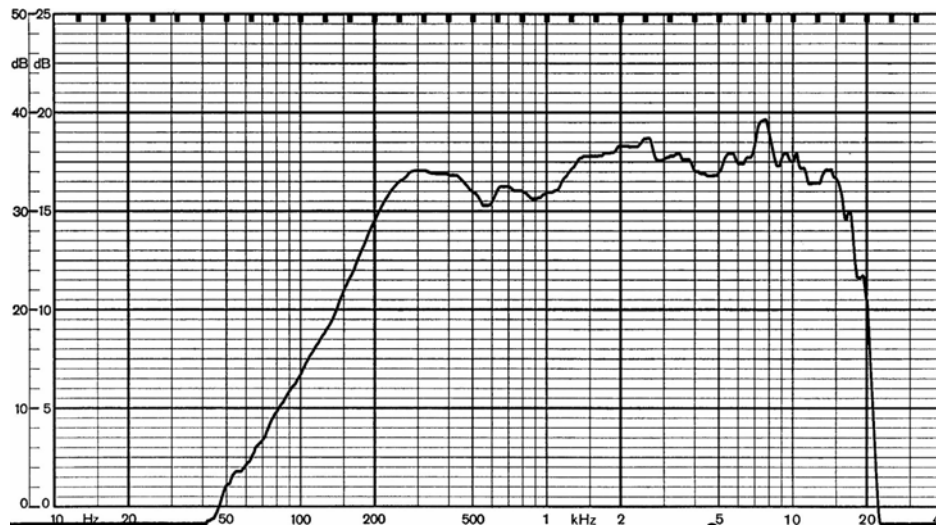
Mechanical data

• Housing	Plastic
• Dimensions (Width x Height x Depth)	100 mm x 300 mm x 96 mm (4" x 11 3/4" x 3 3/4")
• Ingress protection	IP 54
• Weight	2.0 kg (4 lb)
• Color	White
• Mounting	Bracket mounted
• Connection	Cabletail app. 0,5 m (20")

Electrical data

• Rated power	12 W
• Transformer tapings	100 V : 12 W / 6 W / 3 W / 1.5 W
• Sound pressure level 1 W, 1 m	94 dB
• Sound pressure level 12 W, 1 m	105 dB
• Effective frequency range	220 Hz to 16000 Hz
• Dispersion angle (-6 dB)	1 kHz: 220° 4 kHz: 60° 8 kHz: 60°
• Operating temperature	-20 °C to + 60 °C (-4 °F to 140 F)

Frequency diagram



Measurement conditions

Sound pressure level (SPL): 1 W / 1 m

Pink noise: 1/3 octave filter

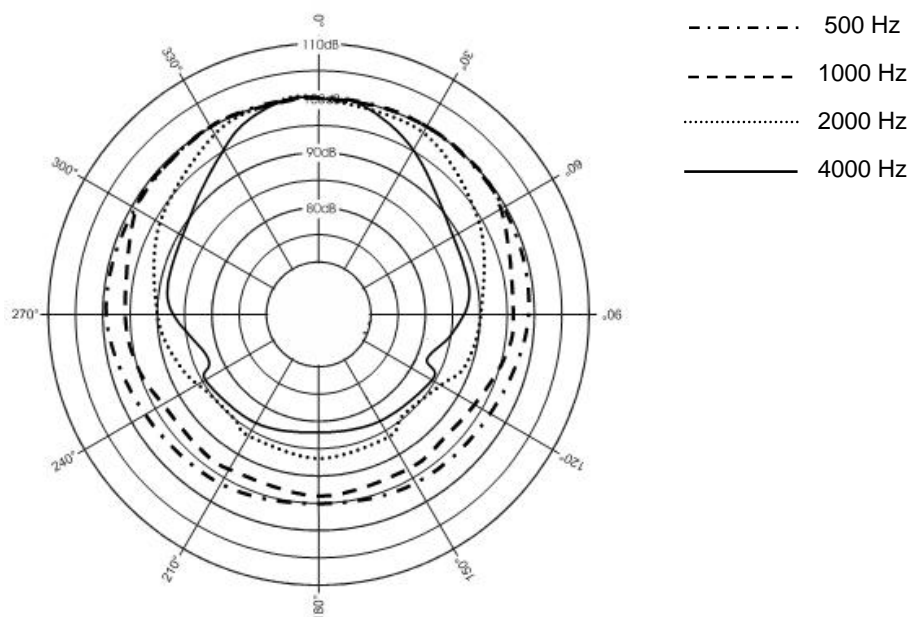
Zero level: 60 dB

Range: 50 dB

Output level related to distance

P max: 12 W	Level (dB)	(-6 dB)	(-12 dB)	(-16 dB)	(-18 dB)	(-22 dB)	(-24 dB)	(-26 dB)	(-28 dB)
	at								
1 m	2 m	4 m	6 m	8 m	12 m	16 m	20 m	25 m	
105	99	93	89	87	83	81	79	77	

Polar diagram



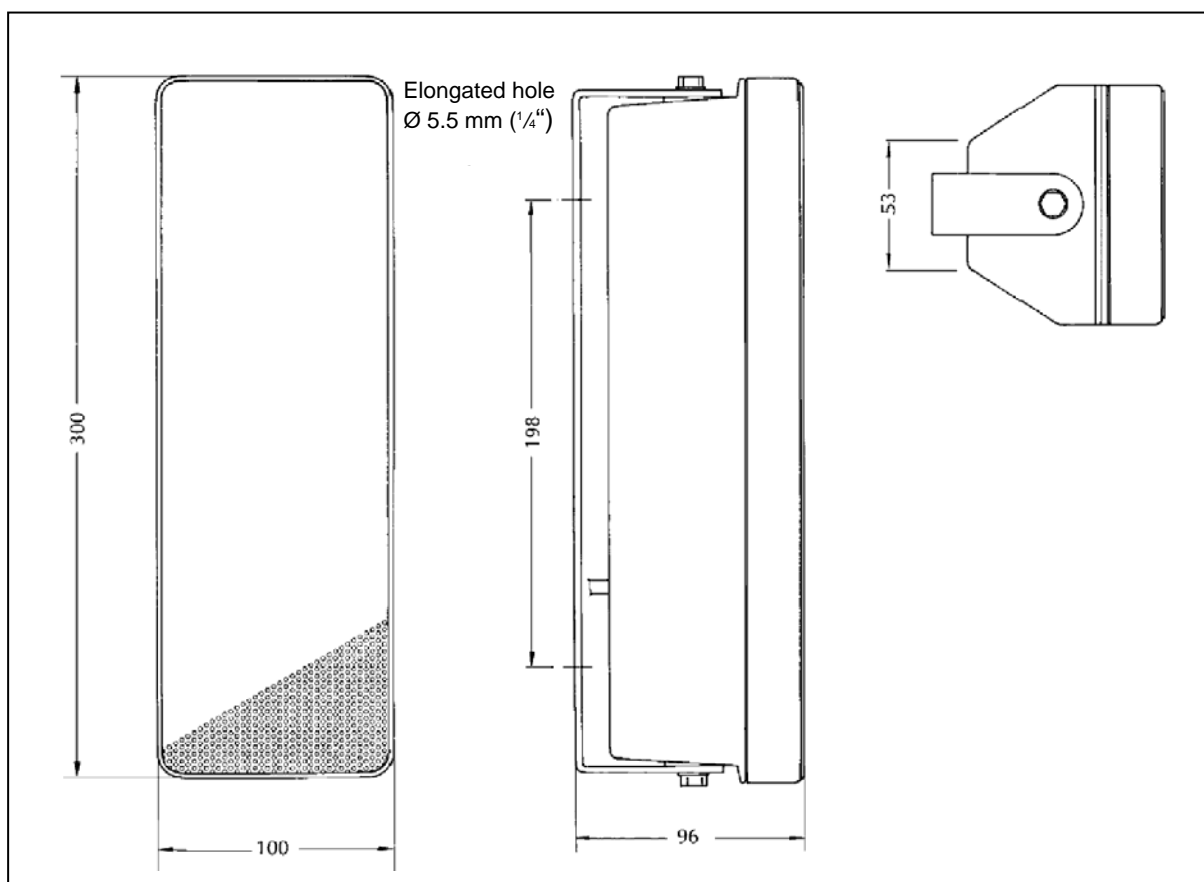


Figure 1: Dimensional drawing AL 10

INDUSTRONIC®
 Industrie-Electronic GmbH & Co. KG
 Carl-Jacob-Kolb-Weg 1
 97877 Wertheim / Germany

Tel.: +49 9342 871-0
 Fax: +49 9342 871-565

info@industronic.de
 www.industronic.com