

PUBLIC ADDRESS / SPEAKERS / HANGING SPHERES

# EF-322-EN

HANGING SPEAKER WITH 100 V LINE TRANSFORMER AND LOW IMPEDANCE CERTIFIED EN 54



- ✓ Current design that allows to integrate it as a decorative element
- ✓ Crisp and clean sound. Uniform horizontal coverage
- ✓ For background music and fire systems with voice evacuation.
- ✓ Built and certified in compliance with EN 54-24



+ Info:  
<https://fonestar.com/EF-322-EN>

ESPECIALLY RECOMMENDED IN:



Factories



Sports facilities



All sectors

## DESCRIPTION

Hanging loudspeaker EN 54A loudspeaker concept with a modern design that allows it to be integrated as a decorative element of your installation, making it go unnoticed. Thanks to the hanging installation from a ceiling or structure, it provides uniform horizontal coverage, suitable for solving reverberation and echo problems in rooms with high volume. Crisp and clean sound, perfect for background music, public address, fire alarm and voice evacuation systems. Built and certified according to EN 54-24. For use in fire alarm and voice evacuation systems, public address systems and background music in 100 V and low impedance line installations in public places, industrial buildings, commercial areas, hospitals, etc.

## TECHNICAL CHARACTERISTICS

FEATURES	Hanging loudspeaker for voice alarm systems EN 54 100 V line transformer and low impedance. 5 m installation cable. Modern design.
INTENDED USE	Loudspeaker for voice alarm systems
STANDARD	EN 54-24 certified Fire detection and fire alarm systems - Part 24: components of voice alarm systems - Loudspeakers EN 54-24: 2008
POWER	20 W RMS
LOUDSPEAKER	5" full-range, paper diaphragm
RESPONSE	130-20,000 Hz (-10 dB)
IMPEDANCE	20 W RMS @ 100 V/70 V (500 Ohm/250 Ohm) 10 W RMS @ 100 V/70 V (1.000 Ohm/500 Ohm) 5 W RMS @ 100 V/70 V (2.000 Ohm/1.000 Ohm) Low Z: 6 Ohm
SENSITIVITY	89 dB @ 1 W/1 m, 100 Hz - 10 kHz, Pink Noise, based on EN 54-24 77 dB @ 1 W/4m, 100 Hz - 10 kHz, Pink Noise, based on EN 54-24
MAXIMUM SOUND PRESSURE	102 dB @ max. W/1m, 100 Hz - 10 kHz, Pink Noise, based on EN 54-24 89 dB @ max. W/4m, 100 Hz - 10 kHz, Pink Noise, based on EN 54-24
COVERAGE ANGLE	H/V (-6 dB): 360°@500Hz, 190°@1kHz, 100°@2kHz, 65°@4kHz
PROTECTION	Type A (based EN 54-24: IP-21)



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MATERIAL	Shell: ABS+PC Steel grille with anti-oxidation surface treatment and painted. Junction box for 6.5 mm outer diameter round cable.
CONNECTIONS	Connection box for 6.5 mm outer diameter cable. Connection terminals for cable cross-section 0.25 - 0.75 mm <sup>2</sup> .
TEMPERATURE RANGE	-10°C to +55°C
COLOUR	White
DIMENSIONS	154 mm Ø x 222 mm height 5 m installation cable
WEIGHT	2 kg

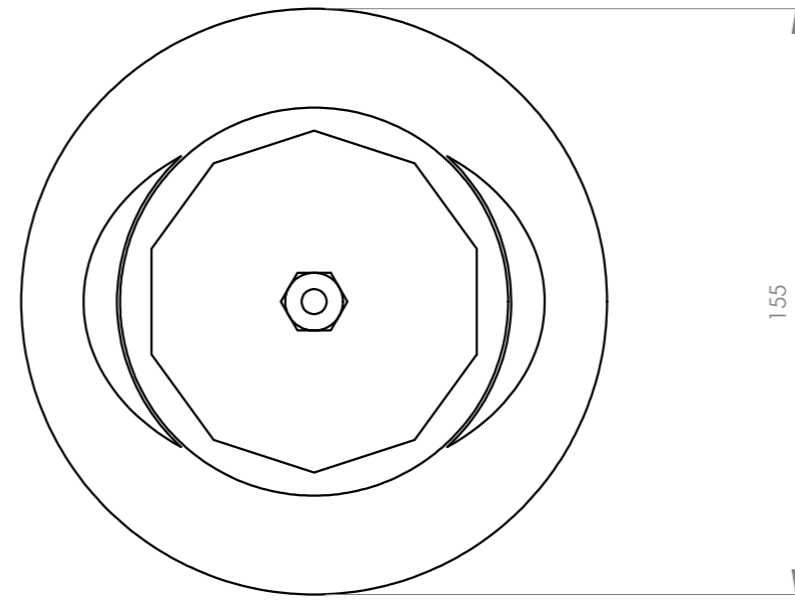
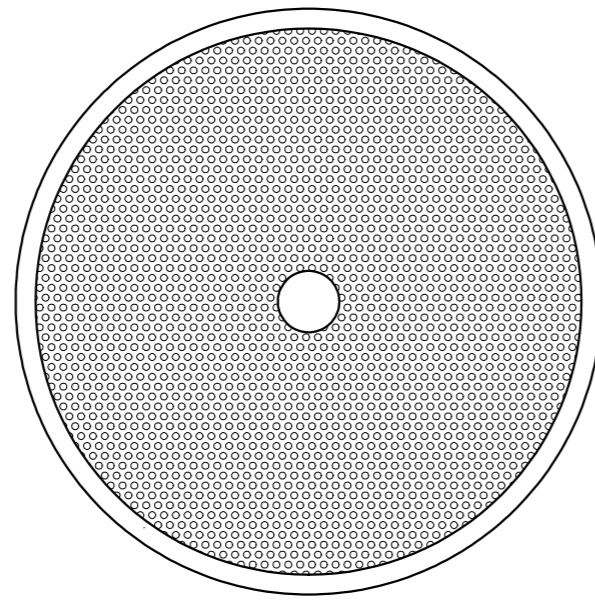


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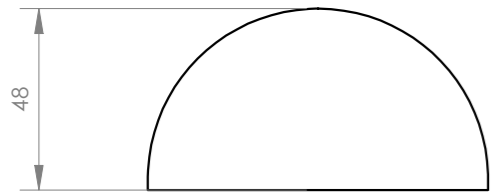
•  SPL vs Frequency



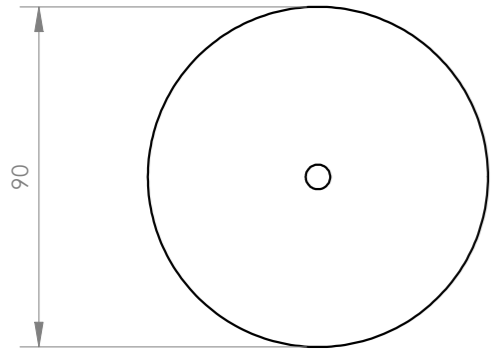
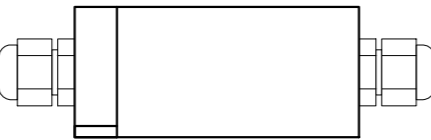
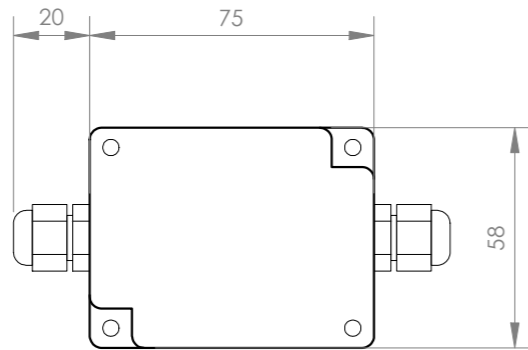
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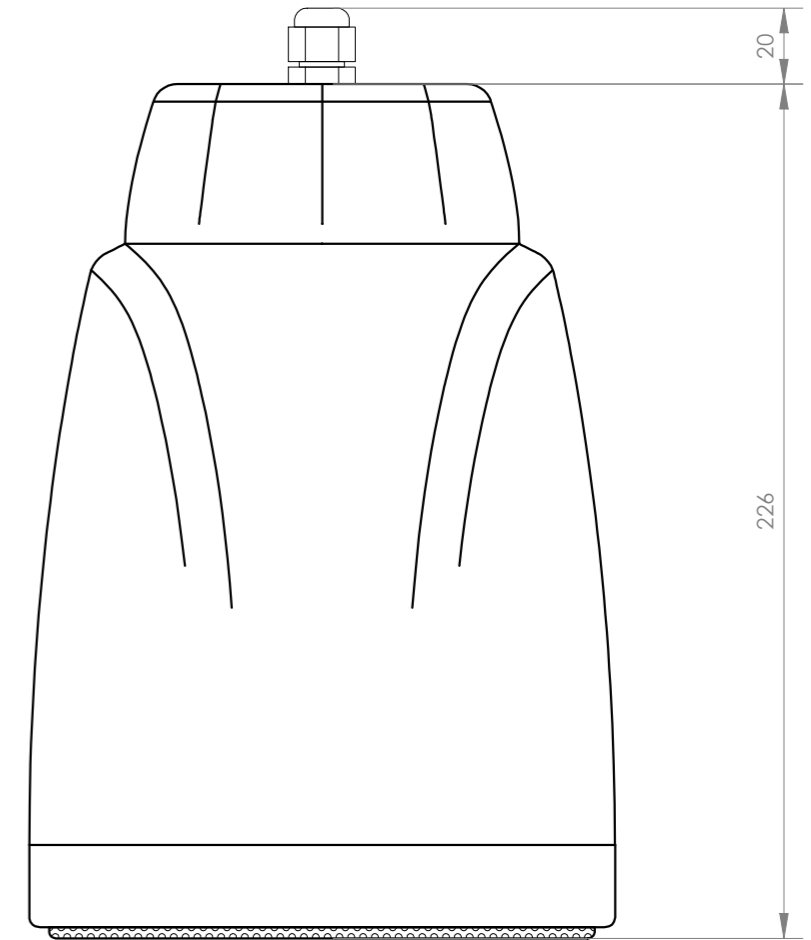
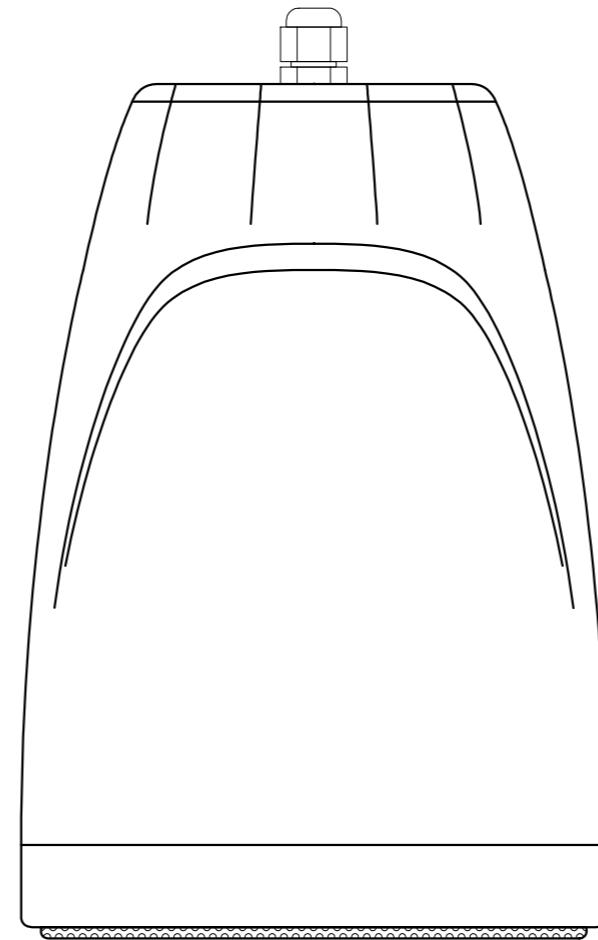
155



48



90



20

226

<b>FONESTAR</b>	Model	Description	Units	Scale
	EF-322-EN	HANGING SPEAKER WITH 100 V LINE TRANSFORMER AND LOW IMPEDANCE CERTIFIED EN 54	mm	1:2