

PUBLIC ADDRESS / SPEAKERS / PENDANT SPEAKERS

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 5". 20/10/5 W RMS@100/70 V. 20 W RMS@6Ohm. EN 54 certified.

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)
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 ² .
TEMPERATURE RANGE	-10°C to +55°C



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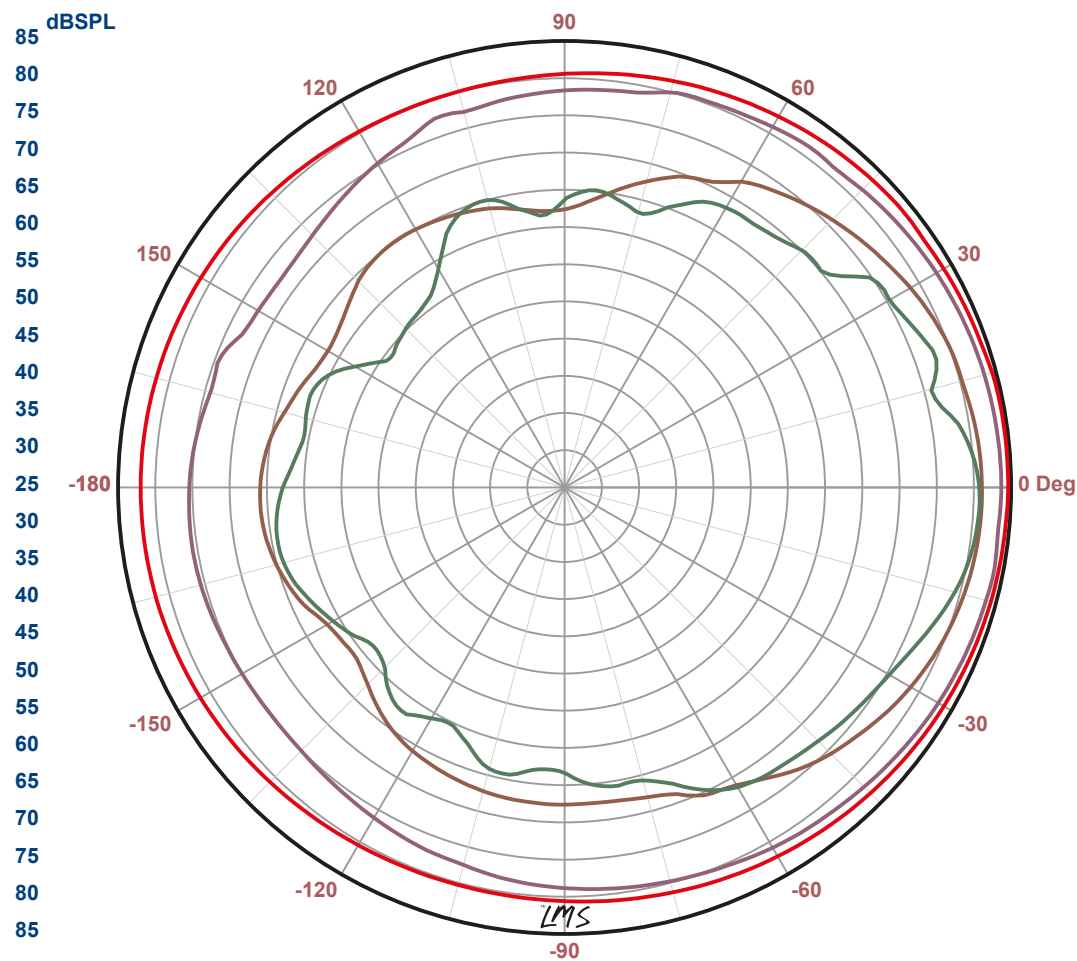
COLOUR	White (RAL 9010)
DIMENSIONS	154 mm Ø x 222 mm height 5 m installation cable
WEIGHT	2 kg



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SPL vs Angle



Curve	Freq	BW	Q	DI
—	500.00	360	1.0	0.0
—	1.00K	202	1.8	2.5
—	2.00K	95	3.8	5.8
—	4.00K	68	5.3	7.3

Map

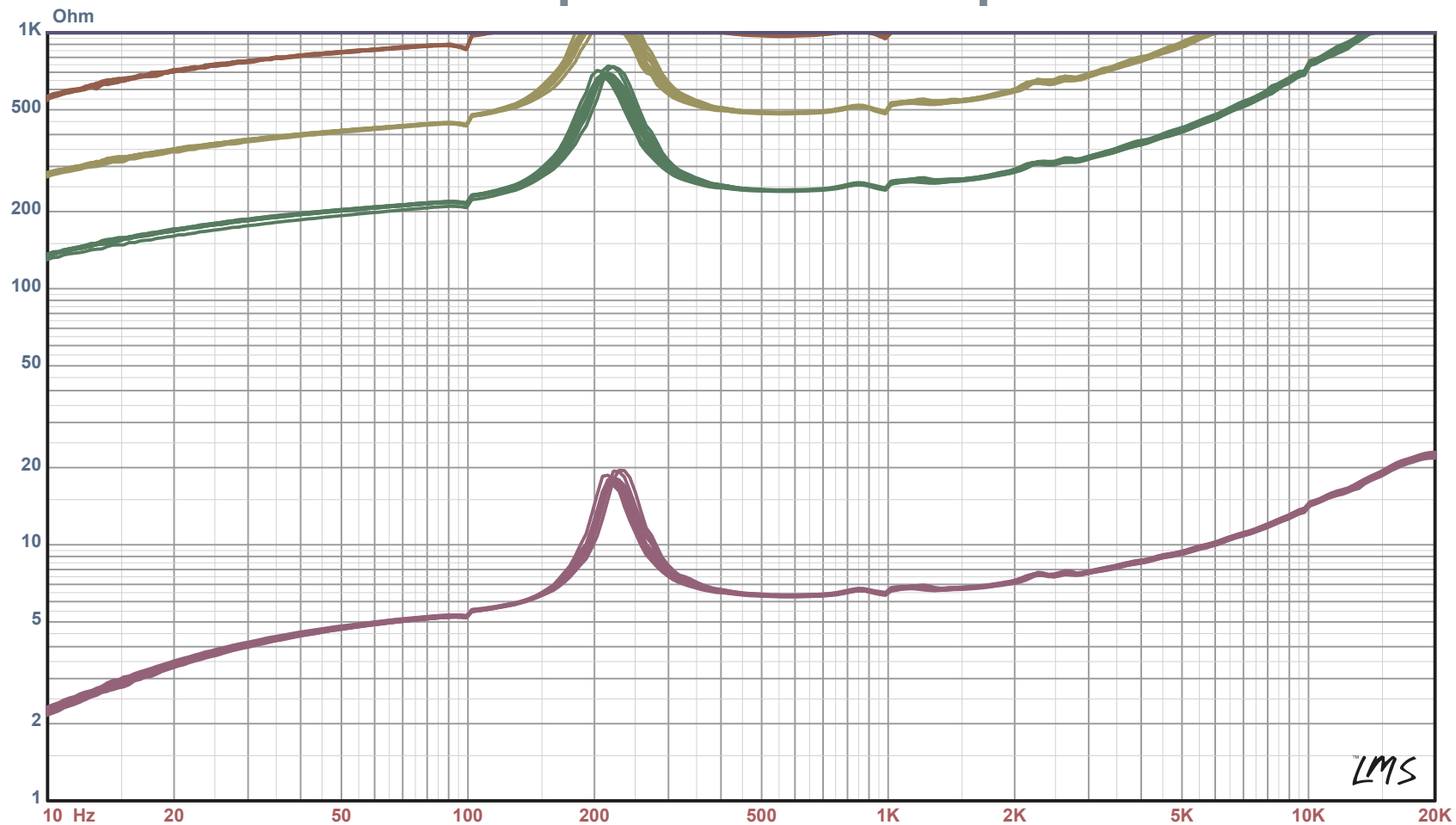
83: PolarConv F= 500.0000 -6dB 360deg
 86: PolarConv F= 1.0000K -6dB 201deg
 89: PolarConv F= 2.0000K -6dB 95deg
 92: PolarConv F= 4.0000K -6dB 95deg

Escala: -;----	A4	Proyecto:	
EF-322-EN Polar-Graph		Código:	
Autor:		Fecha: 2023-10-18	
Revisado:--		Fecha Revisión: --/--/----	

FONESTAR

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Impedance vs Freq



LMS

Map

- | | | | |
|-------------------------------------|------------------------------------|-------------------------------------|------------------------------------|
| 41: NSP-5 EN54 2018-06-07 #1 brown | 44: NSP-5 EN54 2018-06-07 #1 gray | 47: NSP-5 EN54 2018-06-07 #2 red | 50: NSP-5 EN54 2018-06-07 #2 white |
| 42: NSP-5 EN54 2018-06-07 #1 red | 45: NSP-5 EN54 2018-06-07 #1 white | 48: NSP-5 EN54 2018-06-07 #2 orange | 51: NSP-5 EN54 2018-06-07 #3 brown |
| 43: NSP-5 EN54 2018-06-07 #1 orange | 46: NSP-5 EN54 2018-06-07 #2 brown | 49: NSP-5 EN54 2018-06-07 #2 gray | 52: NSP-5 EN54 2018-06-07 #3 red |

Escala: -;-;-	A4	Proyecto:	
EF-322-EN IMP-Frequency		Código:	
Autor:		Fecha: 2023-10-18	
Revisado:--		Fecha Revisión: --/--/----	

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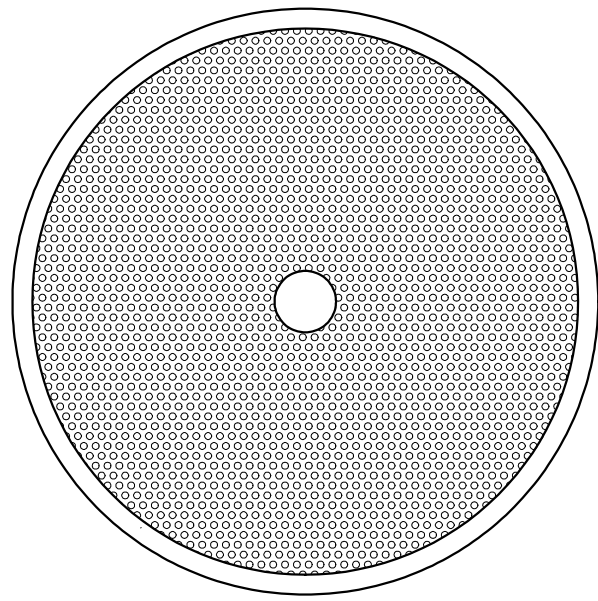
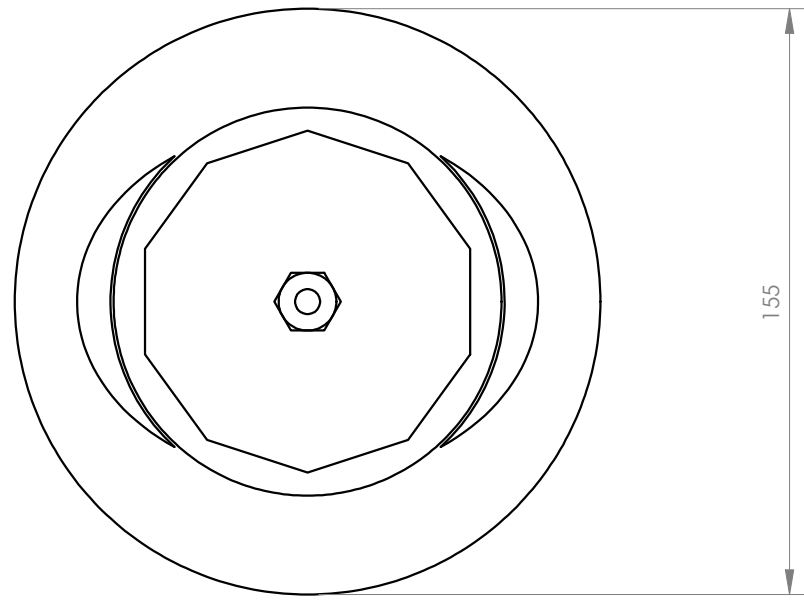
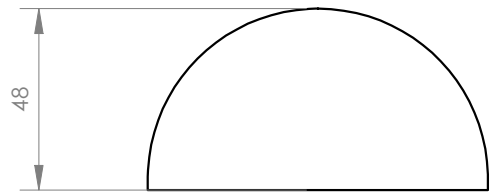
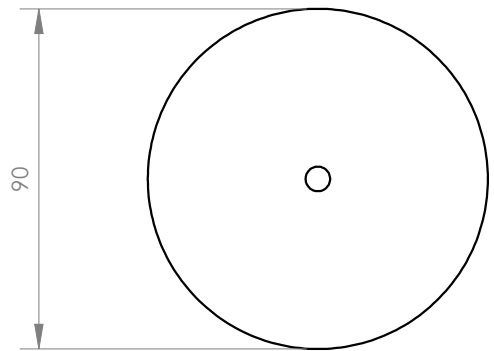
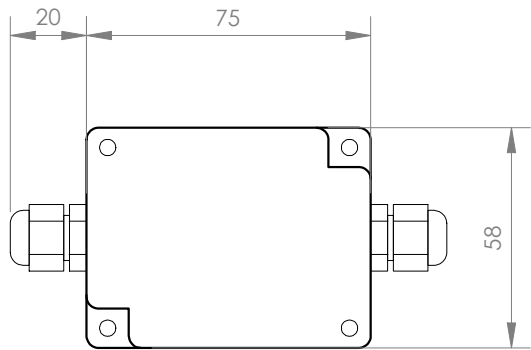
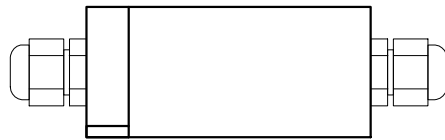
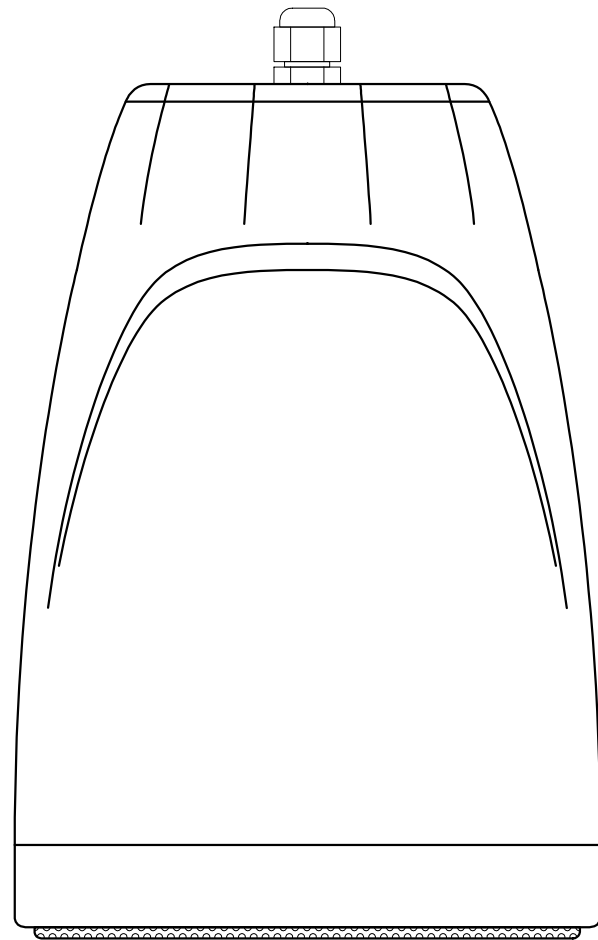
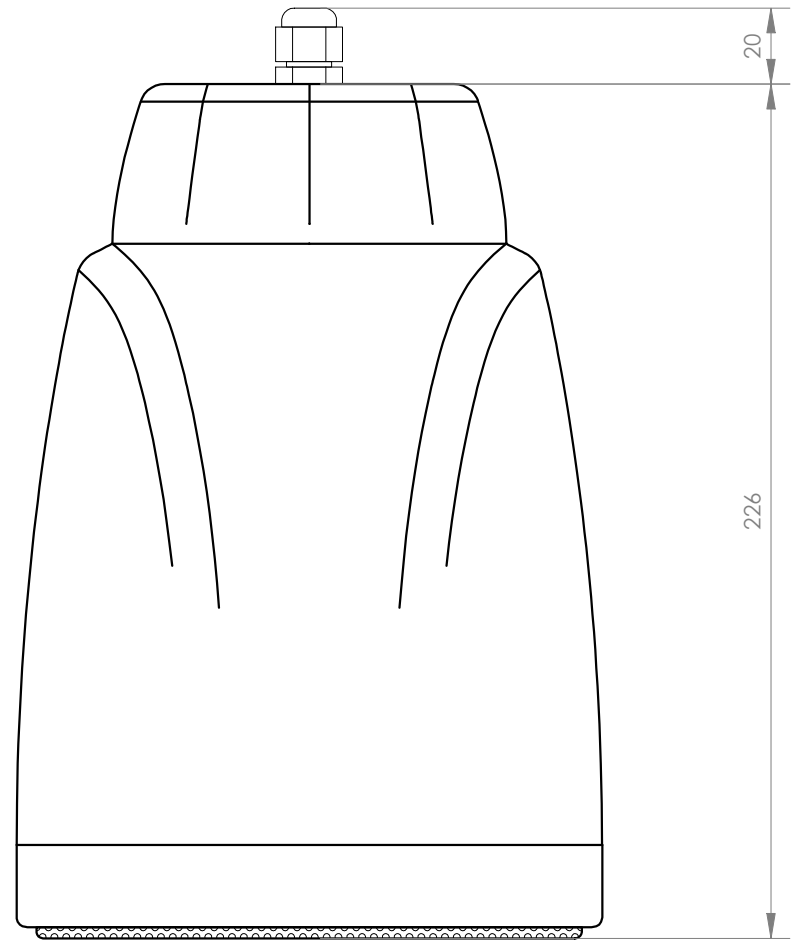


SPL vs Frequency



+ Info

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FONESTAR

Model
EF-322-EN

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

Units
mm

Scale
1:2