

PUBLIC ADDRESS / SPEAKERS / SURFACE

SONORA-5AN

ACTIVE SURFACE SPEAKER



- ✓ Crisp, distortion-free sound
- ✓ Excellent finish and elegant design
- ✓ Class D amplifier with passive speaker output
- ✓ Automatic standby function
- ✓ Quick and easy installation

ESPECIALLY RECOMMENDED IN:



Hospitality



Education



Hotels



All sectors



+ Info:

<https://fonestar.com/SONORA-5AN>

DESCRIPTION

Active loudspeaker Based on our extensive experience in the sound sector, FONESTAR has created SONORA. SONORA is a series of speakers specially designed for PA, musical and background sound applications. Its excellent finish and elegant design allow perfect integration in any space. A highly efficient and reliable class D active speaker with low maintenance protection circuitry, which provides high sound quality with defined, distortion-free sound. In addition, it features tone and volume controls, mono/stereo selector and automatic standby. Thanks to its 8 Ohm passive speaker output, you can enjoy stereo sound, adding the SONORA-5B. SONORA-5N. They include all the necessary accessories for easy and quick installation: adjustable fixing mount, stainless steel screws and steel safety cable. For public address, music and ambient sound applications in public places such as restaurants, cafés, supermarkets, shopping centres, etc.

TECHNICAL CHARACTERISTICS

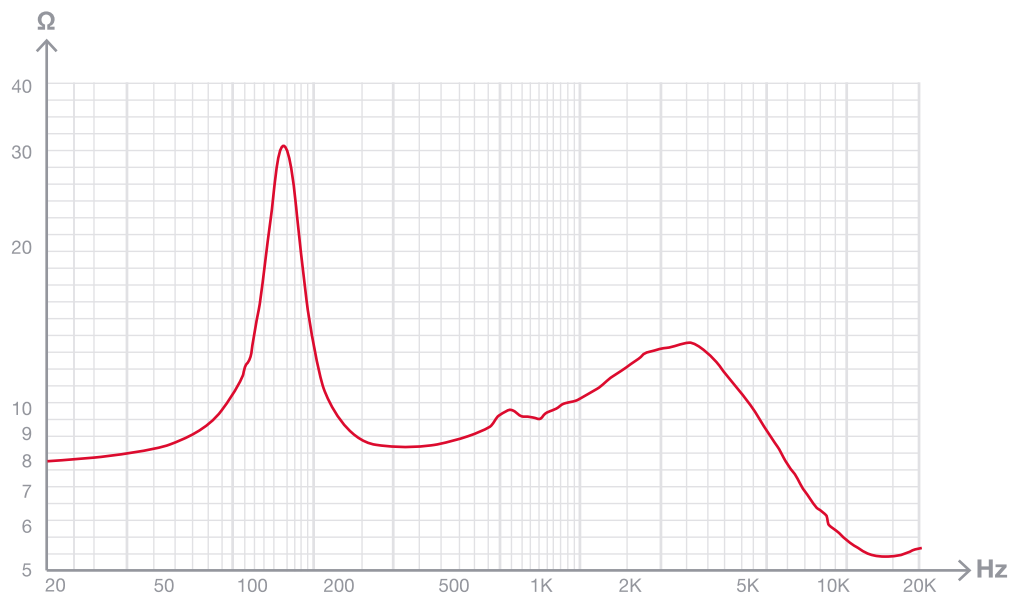
FEATURES	Active loudspeaker. Class D amplifier with passive speaker output. High sound quality, clear and distortion-free sound. Tone and volume controls. Mono/stereo selector. Automatic standby function.
AMPLIFIER	25 + 25 W RMS
LOUDSPEAKERS	1 x 5 ¼" polypropylene woofer 1 x 1" tweeter
RESPONSE	80-20.000 Hz
INPUTS	1 stereo auxiliary, 3.5 mm jack (unbalanced) or euroblock (balanced), 750 mV RMS 1 RJ-45 (future applications)
OUTPUTS	1 passive loudspeaker, 8 Ohm, euroblock
CONTROLS	Volume Tone: bass and treble Mono/stereo selector
MATERIAL	ABS luminium mesh Stainless steel screws
TEMPERATURE RANGE	-10°C ~ 60°C
COLOUR	Black (RAL 9004)
POWER SUPPLY	230 V CA, 60 W 115 V CA upon request
MEASUREMENTS	Loudspeaker: 162 x 263 x 147 mm depth Mount wall plate: 68 x 110 mm Loudspeaker with mount: 216 mm depth
WEIGHT	2.7 kg
ACCESSORIES	Adjustable mounting bracket ± 60° in all directions. Steel safety cable



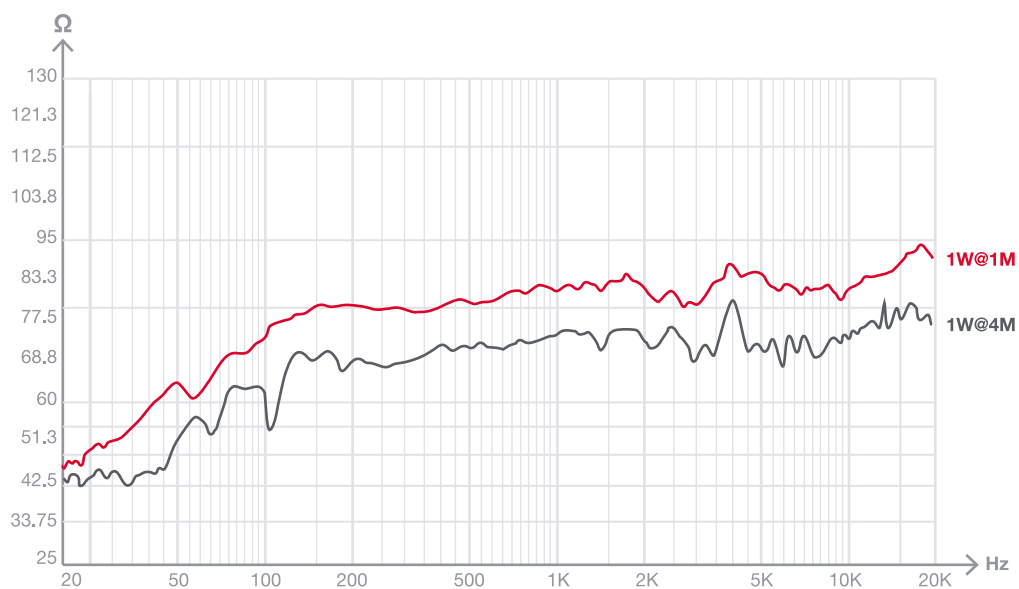
+ Info:

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Impedance vs Frequency



SPL vs Frequency



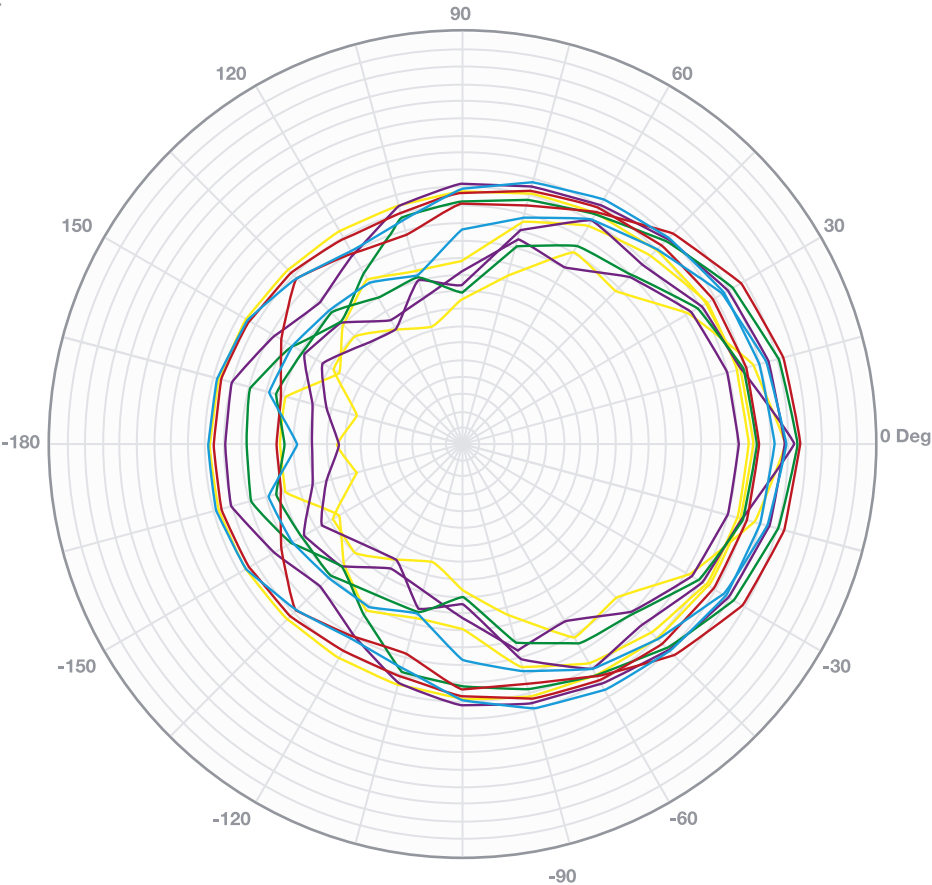
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SPL vs Angle

dB SPL

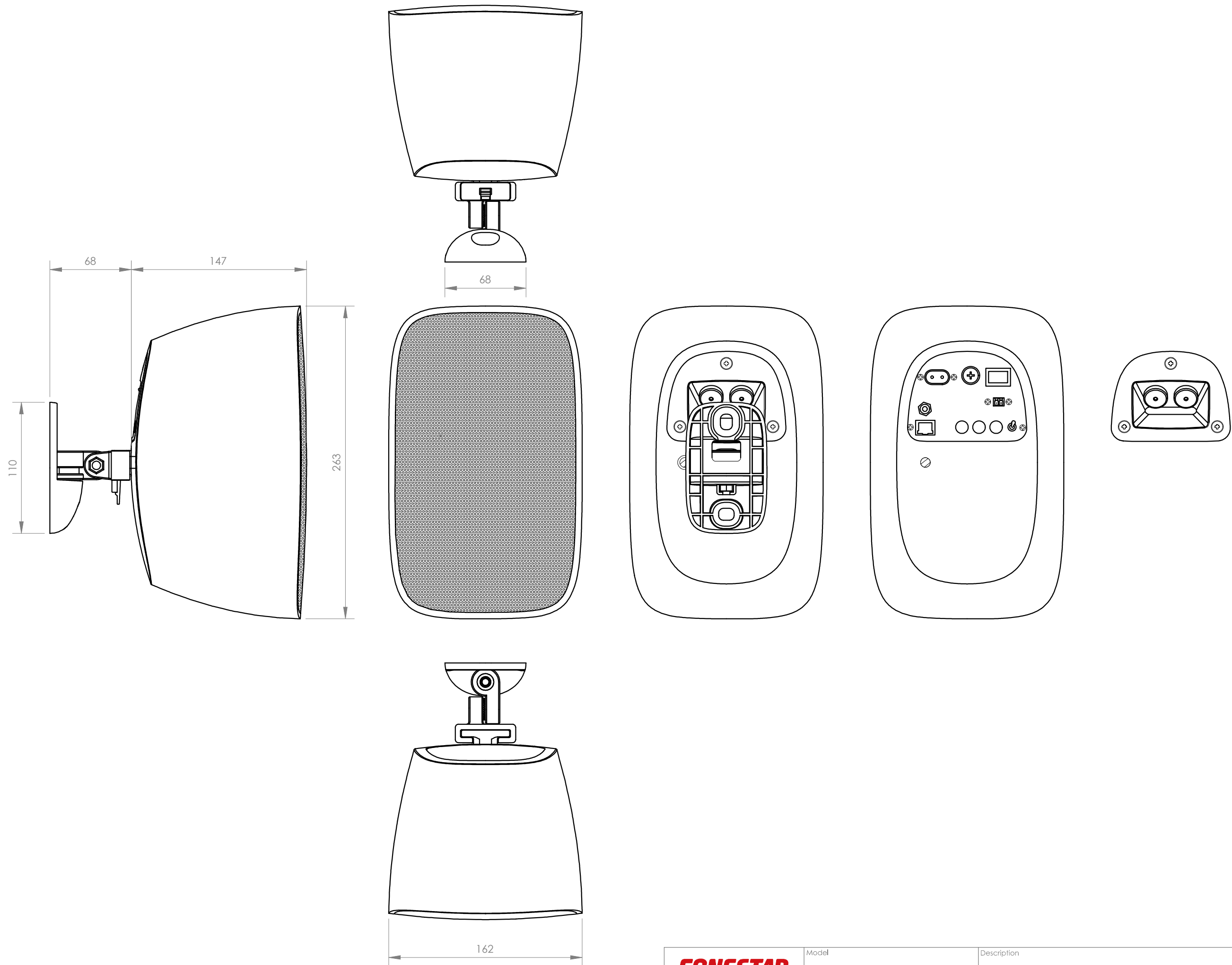
100
95
90
85
80
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
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-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75
-80
-85
-90
-95
-100



Curve	Freq.	BW	Q	DI
441.94	360	1	0.0	
625.00	120	3.0	4.8	
883.88	150	2.4	3.8	
1.25K	120	3.0	4.8	
1.77K	90	4.0	6.0	
2.50K	60	6.0	7.8	
3.54K	60	6.0	7.8	
5.00K	90	4.0	6.0	
7.07K	90	4.0	6.0	
10.00K	60	6.0	7.8	
14.14K	60	6.0	7.8	
20.00K	60	6.0	7.8	
28.28K	60	6.0	7.8	
40.00K	60	6.0	7.8	



+ Info
<https://fonestar.com/SONORA-5B>



FONESTAR	Model	Description	Units	Scale
	SONORA-5AB+SONORA-5AN	ACTIVE SURFACE SPEAKER	mm	1:3