

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



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

ESPECIALLY RECOMMENDED IN:



Hospitality



Education



Hotels



All sectors

DESCRIPTION

5 ¼" active surface speaker. 25 + 25 W RMS. Adjustable fixing mount. Steel safety cable.

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 aluminium 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



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ACCESSORIES

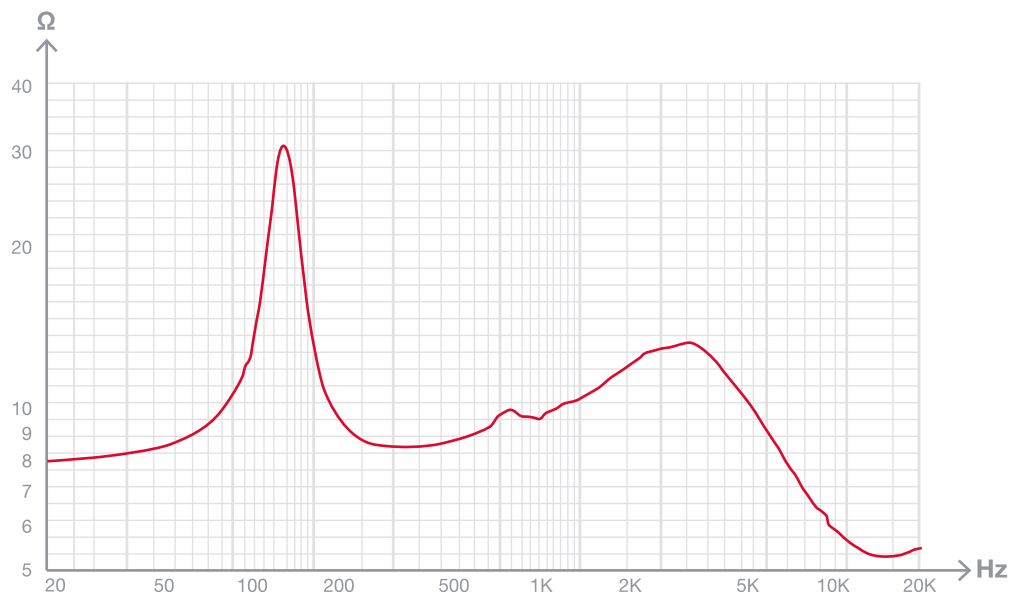
Adjustable mounting bracket $\pm 60^\circ$ in all directions.
Steel safety cable



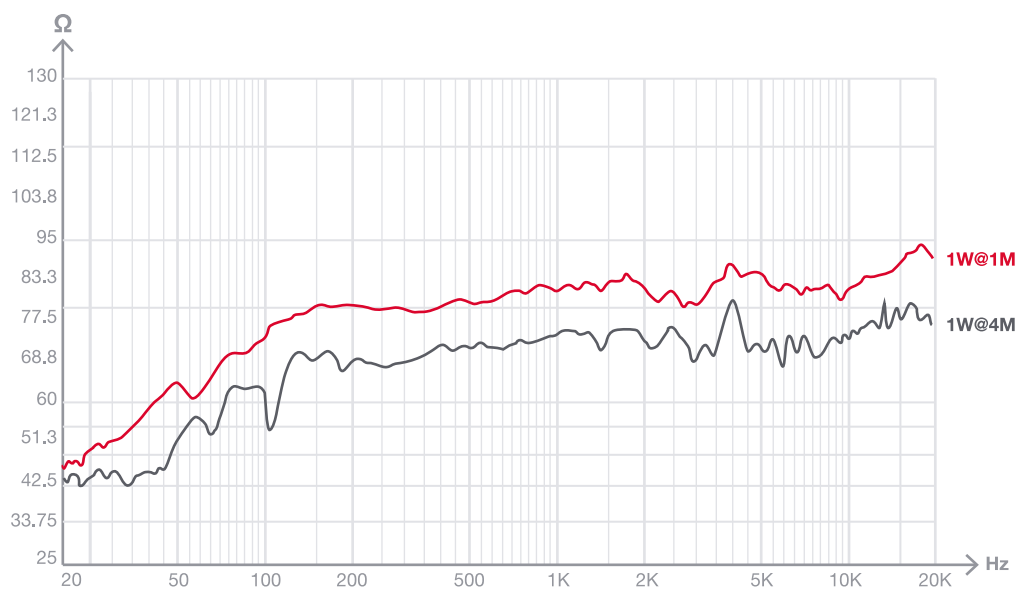
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Impedance vs Frequency



SPL vs Frequency



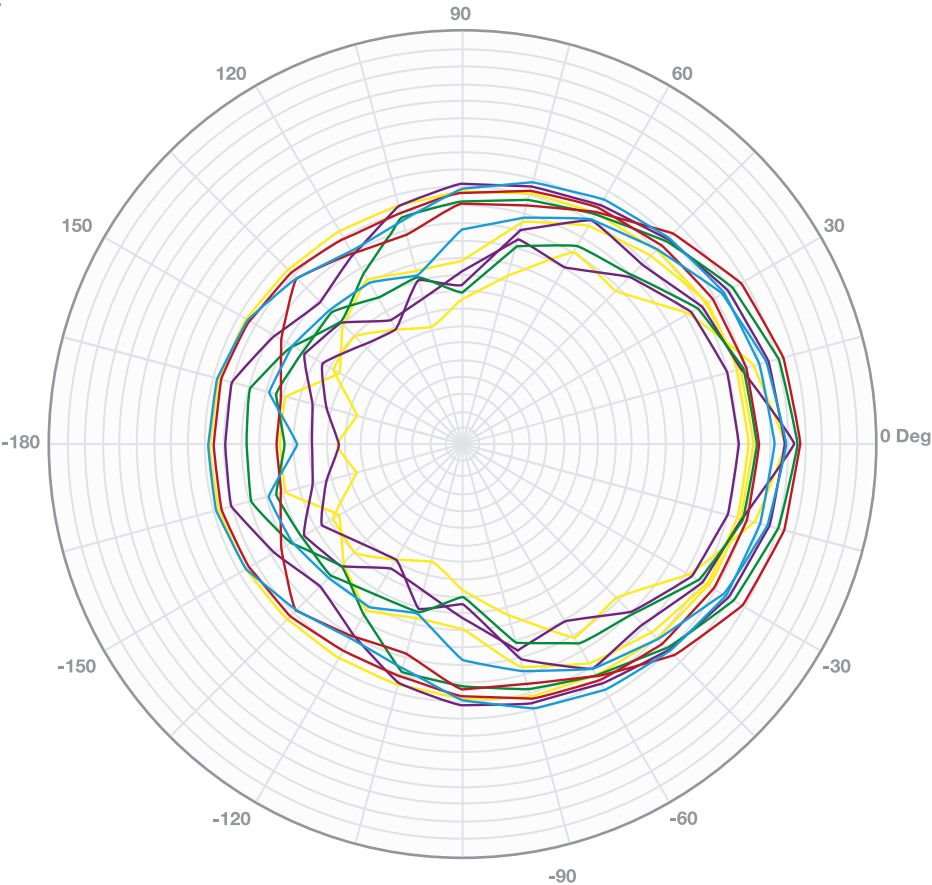
+ Info
<https://fonestar.com/SONORA-5B>



SPL vs Angle

dB SPL

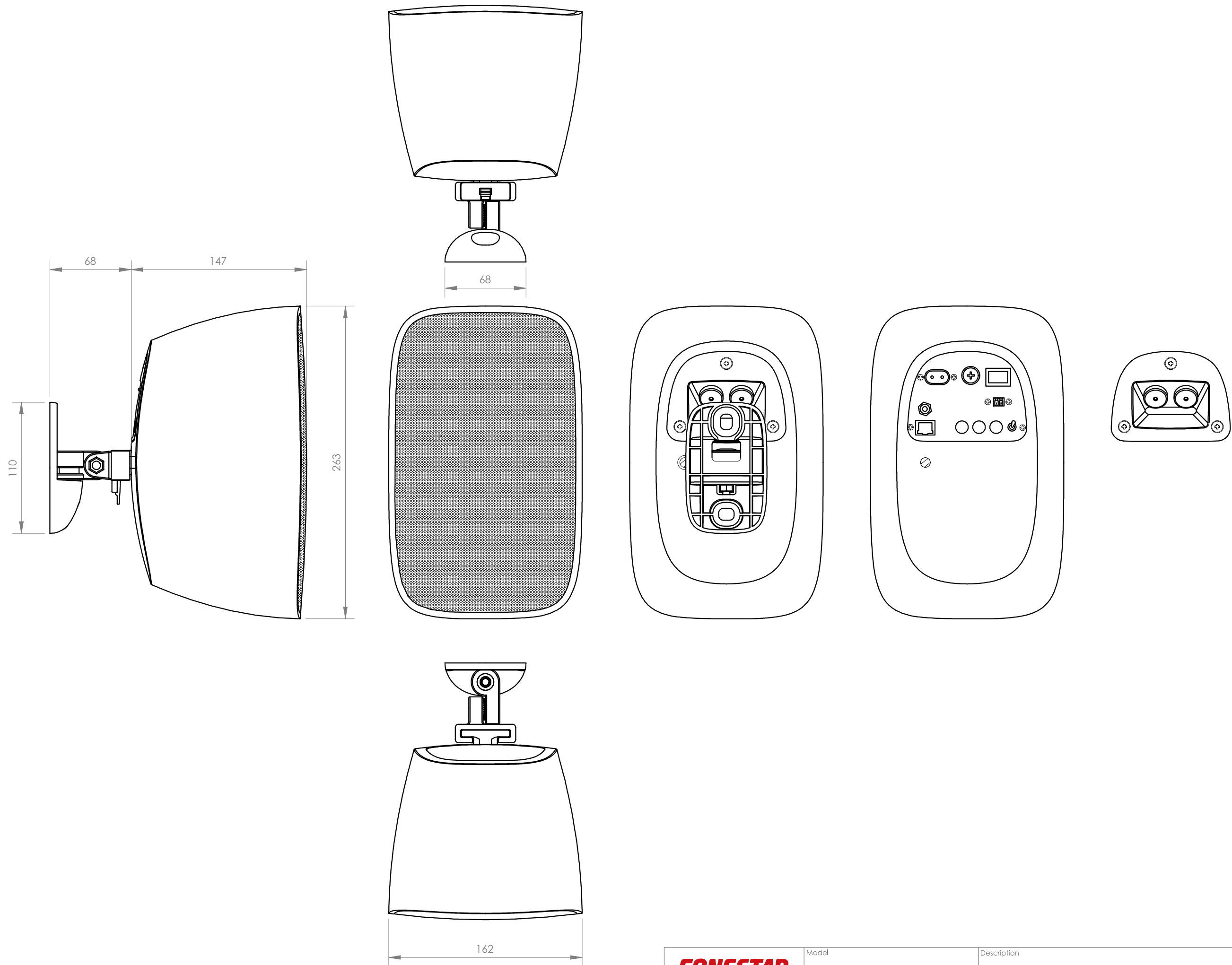
100
95
90
85
80
75
70
65
60
55
50
45
40
45
50
55
60
65
70
75
80
85
90
95
100



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