

PUBLIC ADDRESS / SPEAKERS / SURFACE

SONORA-5T-BK

100 V LINE TRANSFORMER AND LOW IMPEDANCE SURFACE SPEAKER



- ✓ Crisp, distortion-free sound
- ✓ Excellent finish and elegant design
- ✓ IP-66 protection and salt fog
- ✓ Quick and easy installation



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

ESPECIALLY RECOMMENDED IN:



Hospitality



Education



Hotels



All sectors

DESCRIPTION

5 1/4" surface speaker. 40/20/10/5 W RMS@100 V. 40 W RMS@8Ohm. IP-66 protection and salt fog. Adjustable fixing mount. Steel safety cable.

TECHNICAL CHARACTERISTICS

FEATURES	Low impedance loudspeaker with 100 V line transformer. Prepared for outdoor use, waterproof and rustproof materials.
POWER	80 W max., 40 W RMS
SPEAKERS	1 x 5 1/4" polypropylene woofer 1 x 1" tweeter
RESPONSE	80-20,000 Hz
IMPEDANCE	40 W RMS@100 V / (250 Ohm) 20 W RMS@100 V/70 V (500 Ohm/245 Ohm) 10 W RMS@100 V/70 V (1.000 Ohm/490 Ohm) 5 W RMS@100 V/70 V (2.000 Ohm/980 Ohm) 2'5 W RMS@70 V (1.960 Ohm) Low Z: 8 Ohm
SENSITIVITY	88.3 dB @ 1 W/1 m
MAXIMUM SOUND PRESSURE	102.2 dB @ max. W/1 m
COVERAGE ANGLE	135° H x 135° V @1kHz (-6 dB)
PROTECTIONS	IP-66 according to EN 60529 IEC 60068-2-11 Environmental tests (Salt spray)
MATERIAL	ABS (UV resistance) Aluminium mesh grille, with powder-coated finish Weather-resistant mount A2 stainless steel screws
SWITCH	W selector in high Z and low Z
CONNECTORS	Euroblock in and out for cable 0.25 - 2.5 mm² cross section Rubber cable glands for round cables with a diameter of 4-7 mm
TEMPERATURE RANGE	-10°C ~ 60°C



+ Info:

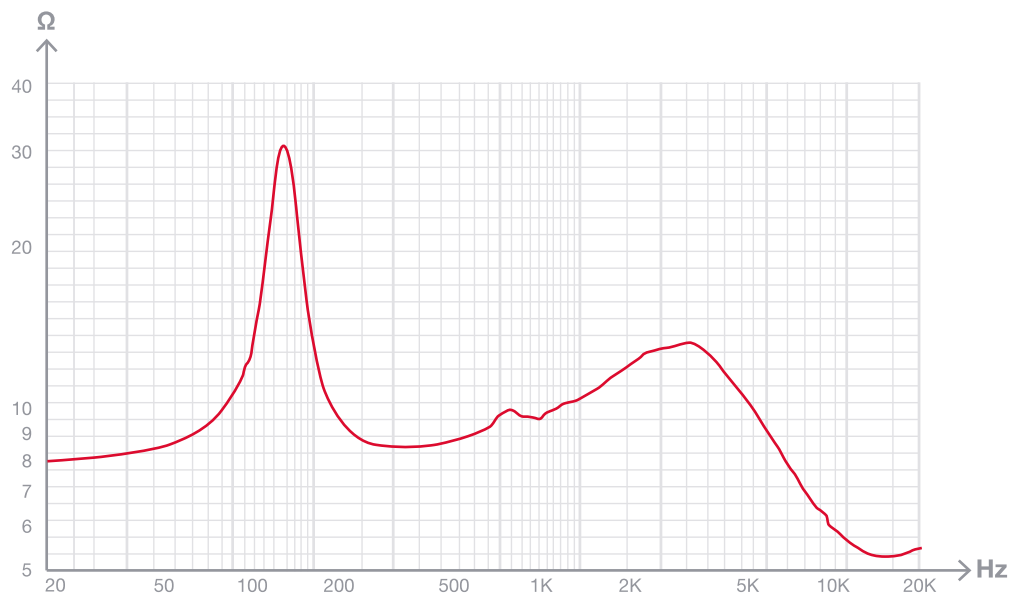
<https://fonestar.com/SONORA-5T-BK>

COLOUR	Black (RAL 9005)
DIMENSIONS	Loudspeaker: 162 x 263 x 147 mm depth Mount wall plate: 68 x 110 mm Loudspeaker with mount: 216 mm depth
WEIGHT	2.2 kg
ACCESSORIES	Adjustable mounting bracket $\pm 60^\circ$ in all directions. Steel safety cable

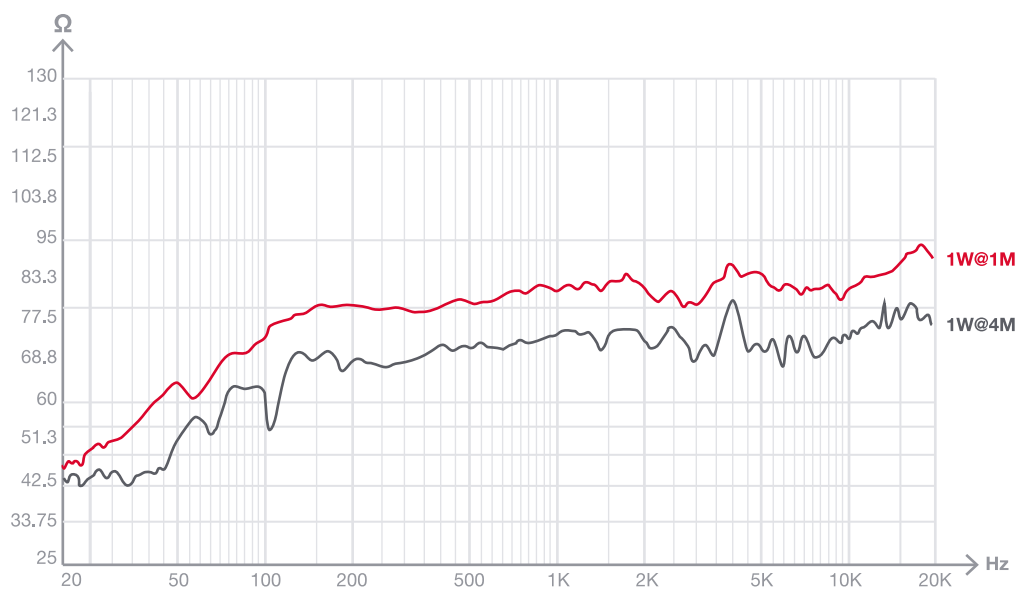


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Impedance vs Frequency



SPL vs Frequency



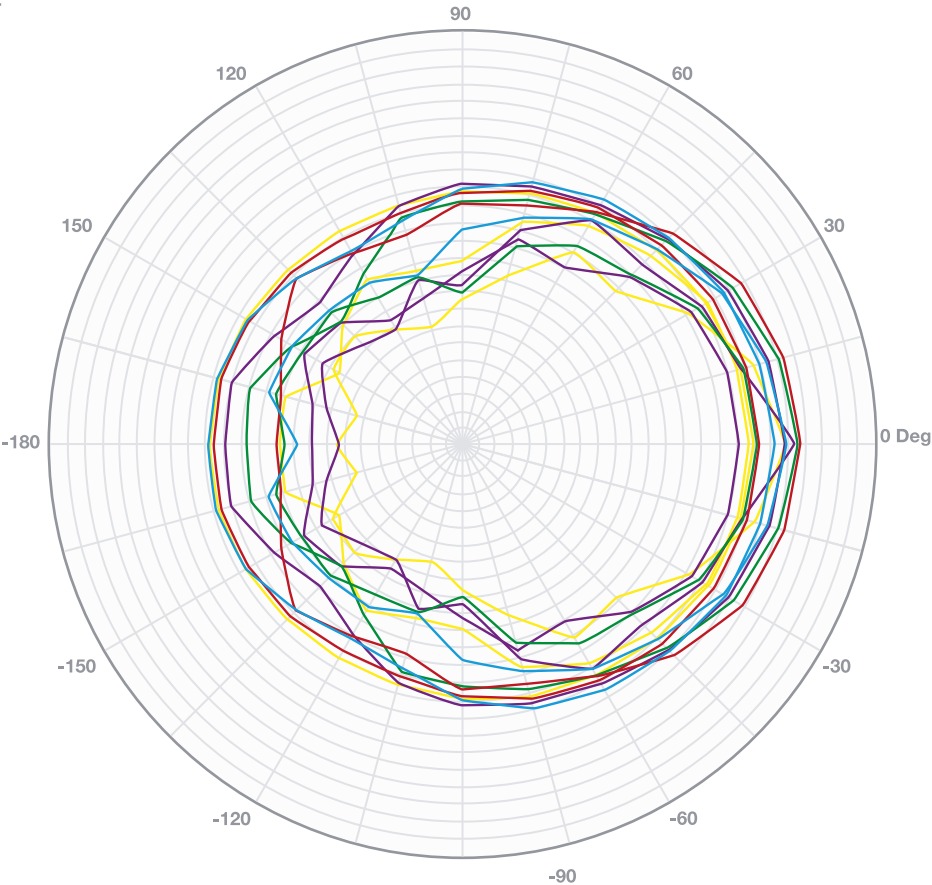
+ Info
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SPL vs Angle

dB SPL

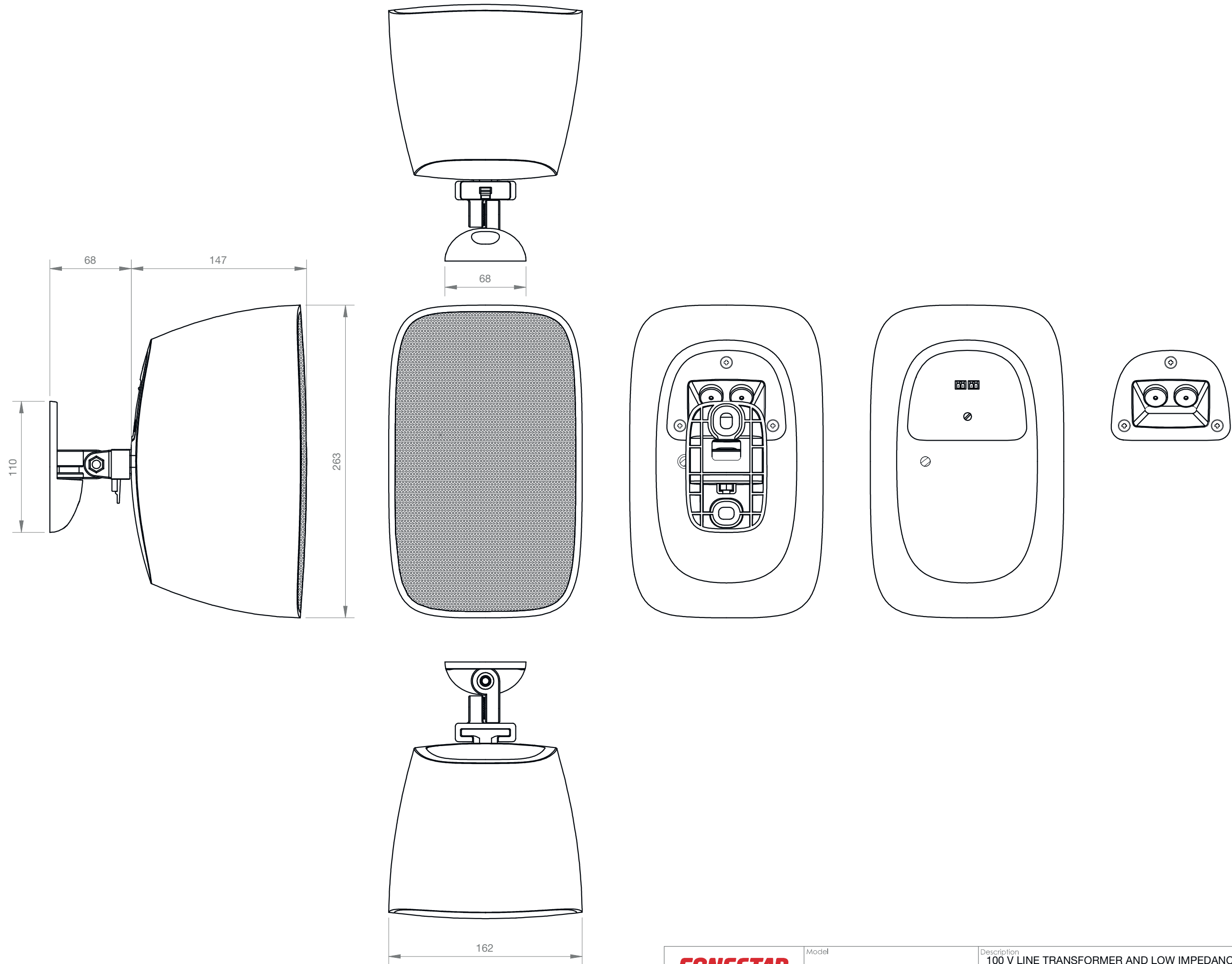
100
95
90
85
80
75
70
65
60
55
50
45
40
45
50
55
60
65
70
75
80
85
90
95
100



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



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FONESTAR	Model	Description	Units	Scale
	SONORA-5T-BK+SONORA-5T-WH	100 V LINE TRANSFORMER AND LOW IMPEDANCE SURFACE SPEAKER	mm	1:3