

PUBLIC ADDRESS / SPEAKERS / SURFACE

SONORA-4T-BK

100 V LINE TRANSFORMER AND LOW IMPEDANCE SURFACE SPEAKER



IP66

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



+ Info:

<https://fonestar.com/SONORA-4T-BK>

ESPECIALLY RECOMMENDED IN:



Hospitality



Education



Hotels



All sectors

DESCRIPTION

4" surface speaker. 30/15/7.5/3.75 W RMS@100 V. 30 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	60 W max., 30 W RMS
LOUDSPEAKERS	1 x 4" polypropylene woofer 1 x 1" tweeter
RESPONSE	120-20,000 Hz
IMPEDANCE	30 W RMS@100 V (333 Ohm) 15 W RMS@100 V/70 V (667 Ohm/326 Ohm) 7.5 W RMS@100 V / 70 V(1.333 Ohm/ 653 Ohm) 3.75 W RMS@100 V / 70 V(2.667 Ohm/ 1.306 Ohm) 1.9 W RMS@70 V (2.579 Ohm) Low Z: 8 Ohm
SENSITIVITY	84.9 dB @ 1 W/1 m
MAXIMUM SOUND PRESSURE	97.6 dB @ max. 1 W/1 m
COVERAGE ANGLE	145° H x 130° V @1kHz (-6 dB)
PROTECTION	IP-66 in compliance with EN 60529 IEC 60068-2-11 Environmental tests (Saline mist)
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 mm ² cross section Rubber cable glands for round cables with a diameter of 4-7 mm
TEMPERATURE RANGE	-10°C ~ 60°C



+ Info:

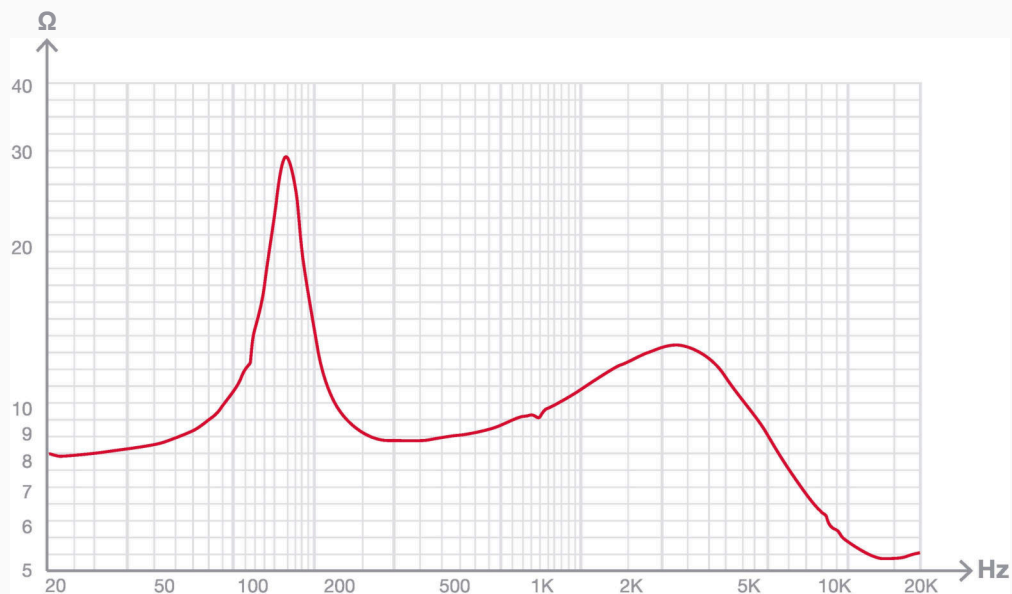
<https://fonestar.com/SONORA-4T-BK>

COLOUR	Black (RAL 9005)
DIMENSIONS	Loudspeaker: 125 x 202 x 125 mm depth Mount wall plate: 68 x 110 mm Loudspeaker with mount: 193 mm depth
WEIGHT	1.5 kg
ACCESSORIES	Adjustable mounting bracket $\pm 60^\circ$ in all directions. Steel safety cable

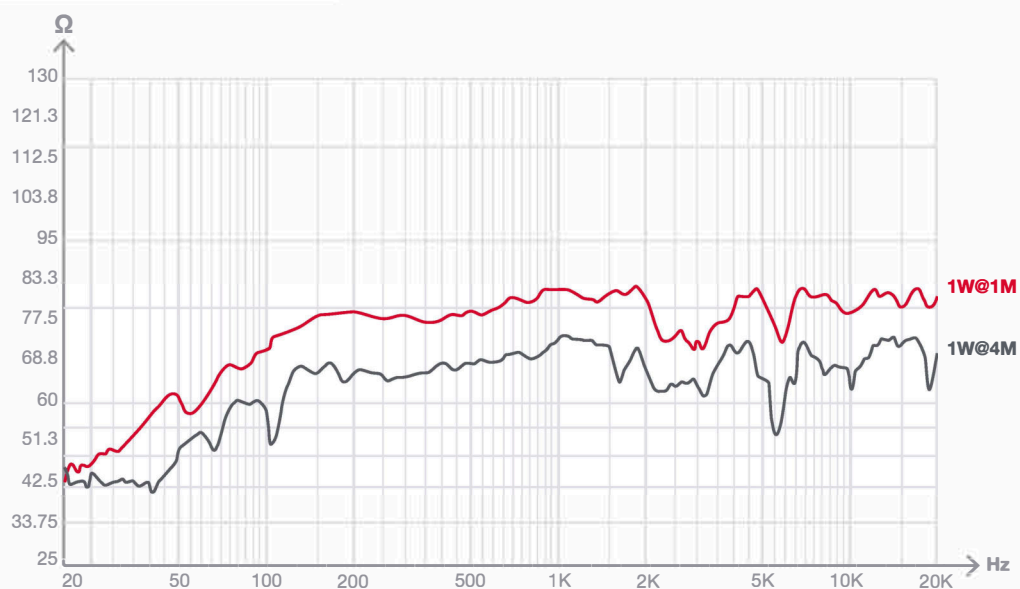


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Impedance vs Frequency



SPL vs Frequency



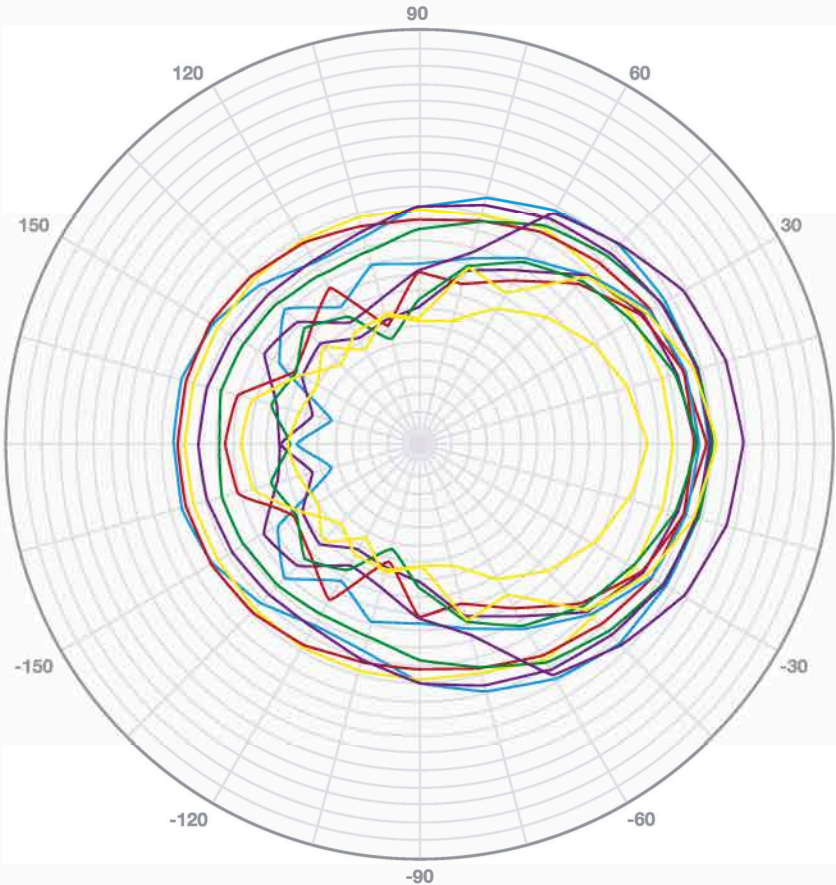
+ Info
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SPL vs Angle

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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