PUBLIC ADDRESS / SPEAKERS / SURFACE

SONORA-6TN

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-6TN

ESPECIALLY RECOMMENDED IN:


Hospitality


Education


Hotels


All sectors

DESCRIPTION

6" surface speaker. 60/30/15/7.5 W RMS@100 V. 60 W RMS@8Ohm. IP-66 protection and salt fog. Adjustable fixing mount. Steel safety cable.

TECHNICAL CHARACTERISTICS

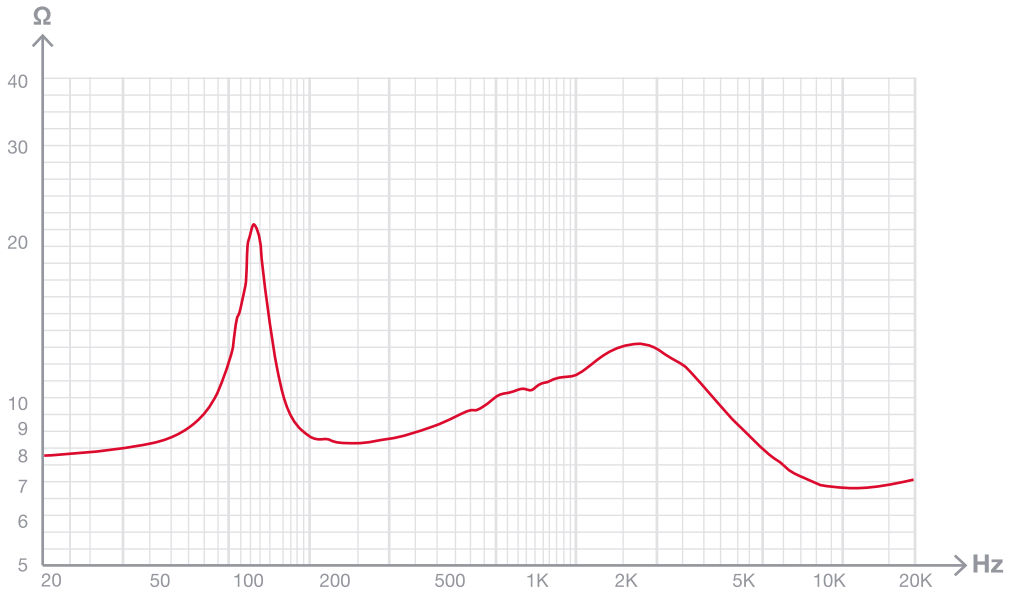
FEATURES	Low impedance loudspeaker with 100 V line transformer. Suitable for outdoor use, waterproof and rustproof materials.
POWER	100 W max., 60 W RMS
SPEAKERS	1 x 6" polypropylene woofer 1 x 1" tweeter
RESPONSE	75-20,000 Hz
IMPEDANCE	60 W RMS@100 V (165 Ohm) 30 W RMS@100 V/70 V (330 Ohm/163 Ohm) 15 W RMS@100 V/70 V (660 Ohm/326 Ohm) 7'5 W RMS@100 V (1.320 Ohm/653 Ohm) 3'75 W RMS@70 V (1.306 Ohm) Low Z: 8 Ohm
SENSITIVITY	88.4 dB @ 1 W/1 m
MAXIMUM SOUND PRESSURE	103.8 dB @ max. W/1 m
COVERAGE ANGLE	150° H x 120° V @1kHz (-6 dB)
PROTECTIONS	IP-66 in compliance with EN 60529 IEC 60068-2-11 Enviromental Test (Salt 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 input and output for cable cross-section 0.25 - 2.5 mm².
TMEPERATURE RANGE	-10°C ~ 60°C
COLOUR	Black (RAL 9005)


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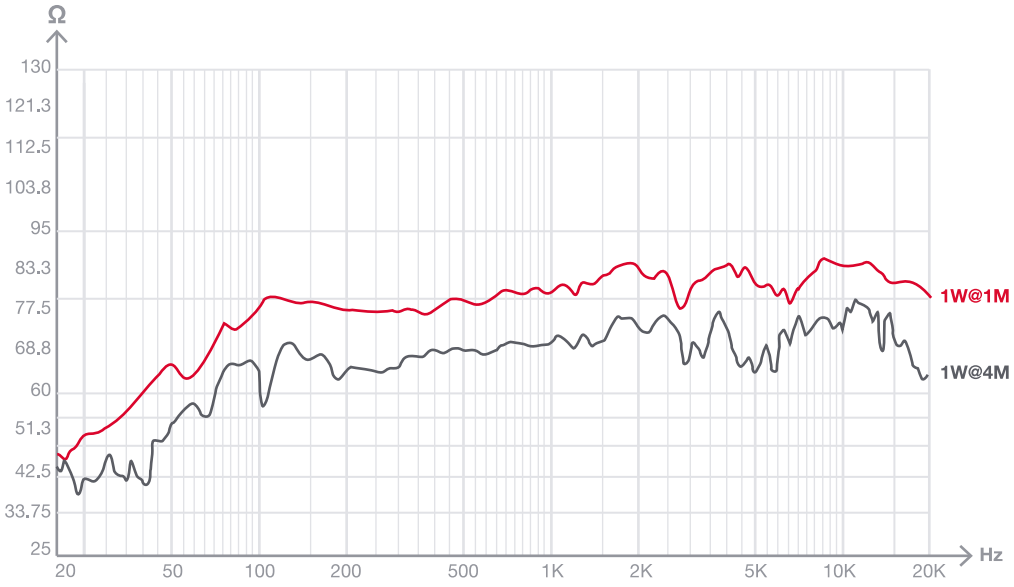
DIMENSIONS	Loudspeaker: 199 x 322 x 181 mm depth Mount wall plate: 102 x 165 mm Loudspeaker with mount: 284 mm depth
WEIGHT	3 kg
ACCESSORIES	Adjustable mounting bracket ± 60º in all directions. Steel safety cable

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Impedance vs Frequency

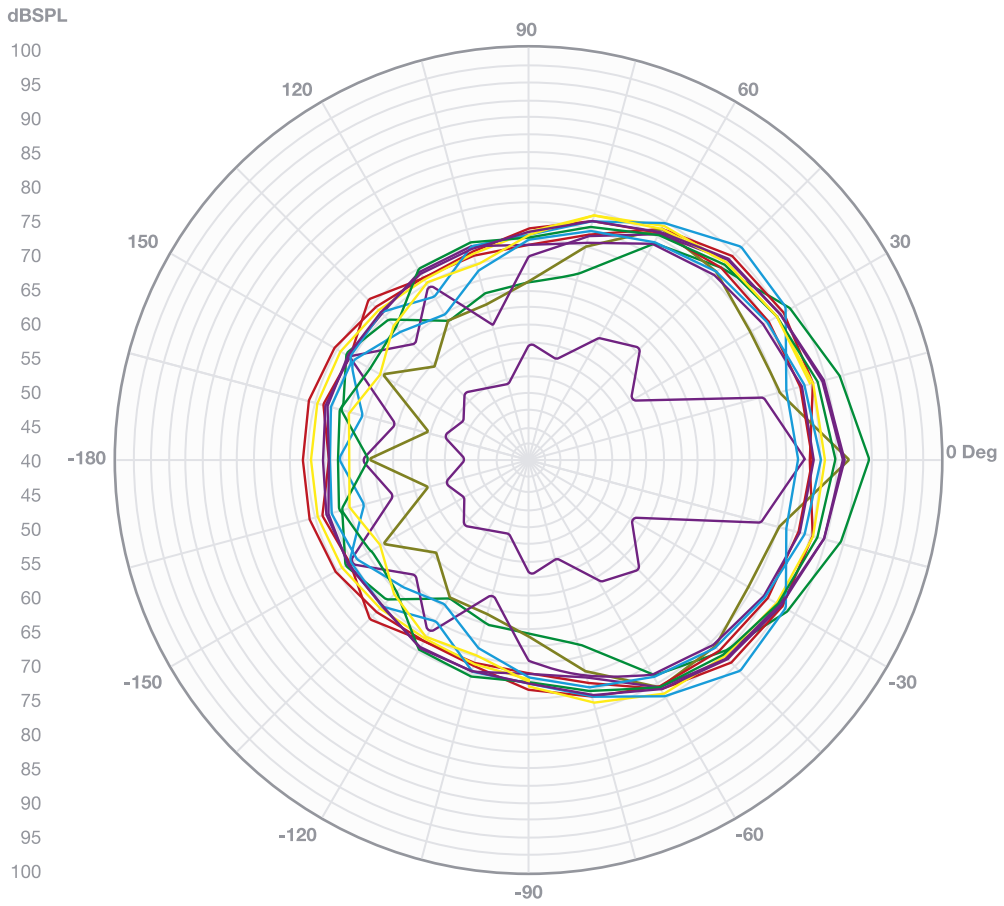


SPL vs Frequency



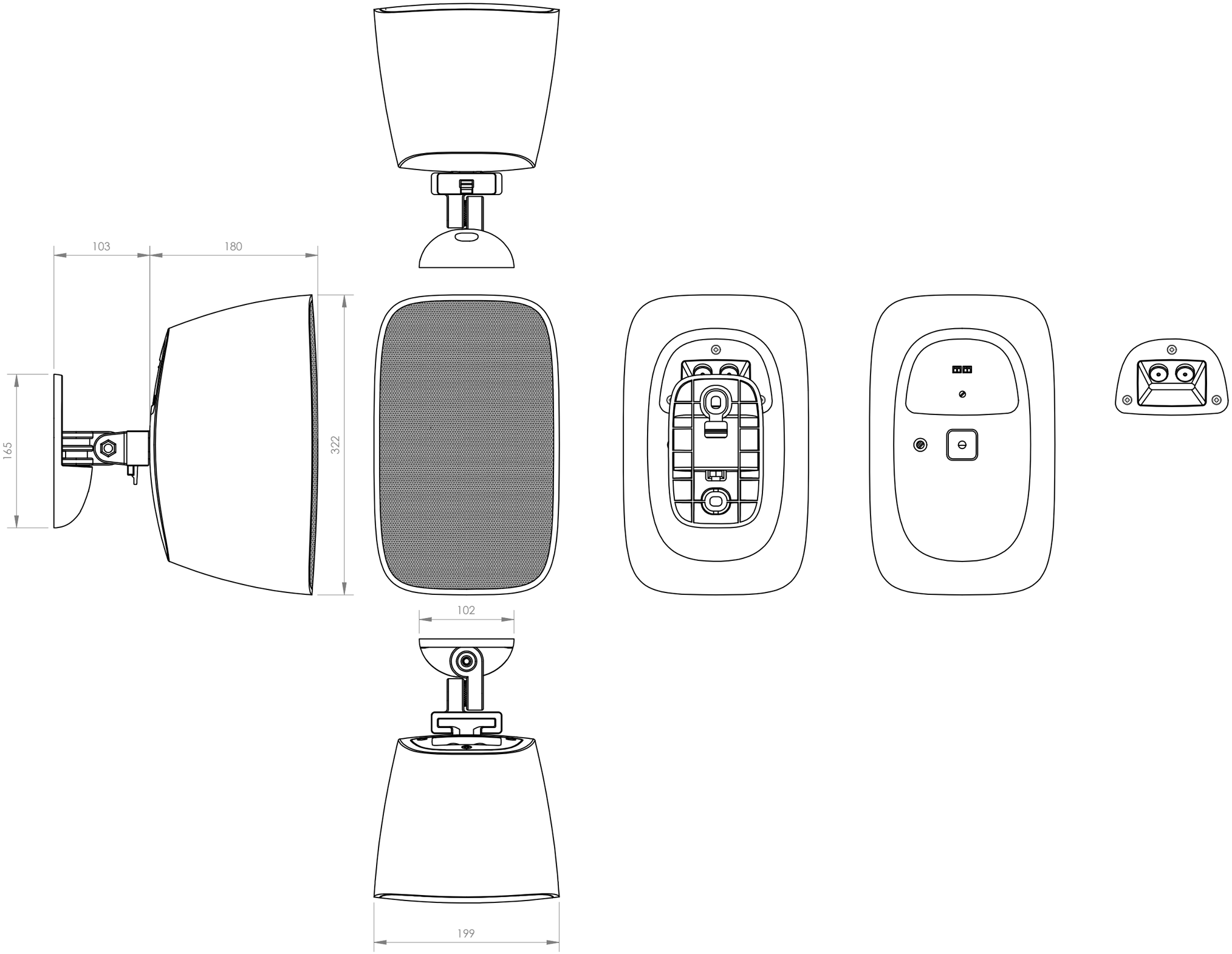
+ Info
https://fonestar.com/SONORA-6B

SPL vs Angle



Curve	Freq.	BW	Q	DI
	441.94	150	2.4	3.8
	625.00	150	2.4	3.8
	883.88	120	3.0	4.8
	1.25K	120	3.0	4.8
	1.77K	90	4.0	6.0
	2.50K	120	3.0	4.8
	3.54K	120	3.0	4.8
	5.00K	150	2.4	3.8
	7.07K	90	4.0	6.0
	10.00K	60	6.0	7.8
	14.14K	1	360.0	25.6
	20.00K	30	12.0	10.8
	28.28K	30	12.0	10.8
	40.00K	30	12.0	10.8

+ Info
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FONESTAR	Model	Description	Units	Scale
	SONORA-6TB+SONORA-6TN	100 V LINE TRANSFORMER AND LOW IMPEDANCE SURFACE SPEAKER	mm	1:4