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

Sound reinforcement loudspeaker with 100 V line transformer and low impedance.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.They are fully prepared for outdoor use as they feature aluminium grille and protection against water (IP-66) and marine environments.Besides, SONORA delivers high sound quality with clear, distortion-free sound.They include all the necessary accessories for easy and quick installation: weatherproofed adjustable fixing mount, stainless steel screws and steel safety cable.For public address and ambient sound applications in public places such as restaurants, cafés, supermarkets, shopping centres, etc.

TECHNICAL CHARACTERISTICS

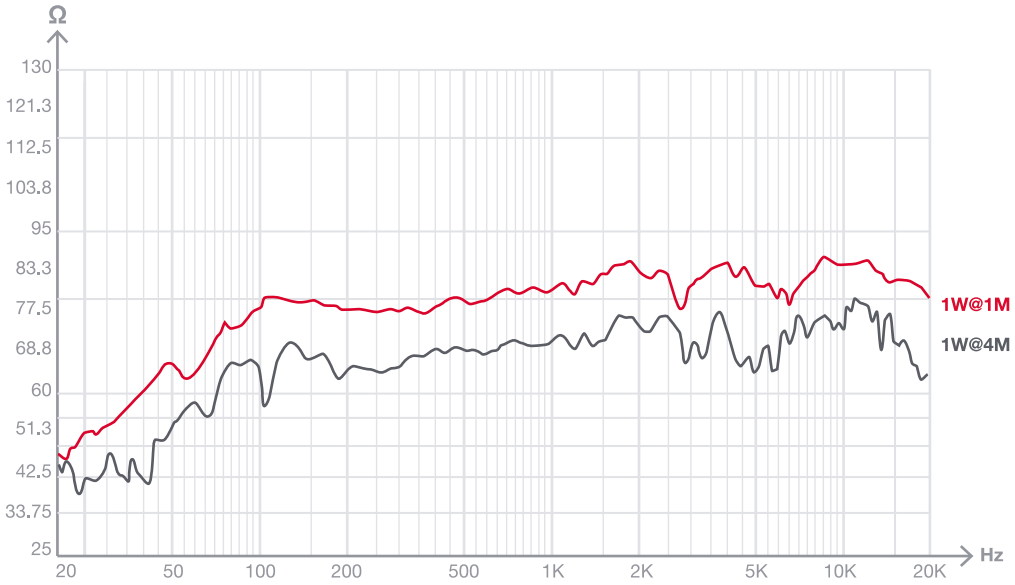
FEATURES	Low impedance loudspeaker with 100 V line transformer. Suitable for outdoor use, waterproof and rustproof materials.
POWER	100 W max., 60 W RMS
SPEAKERS	1 x 6" polypropylene woofer 1 x 1" tweeter
RESPONSE	75-20,000 Hz
IMPEDANCE	60 W RMS@100 V (165 Ohm) 30 W RMS@100 V (330 Ohm) 15 W RMS@100 V (660 Ohm) 7.5 W RMS@100 V (1,320 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	H/V: 150°/150° @500Hz, 150°/120°@1kHz, 100°/50°@2kHz, 175°/175°@4kHz (-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 Stainless steel screws
SWITCH	W selector in high Z and low Z


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

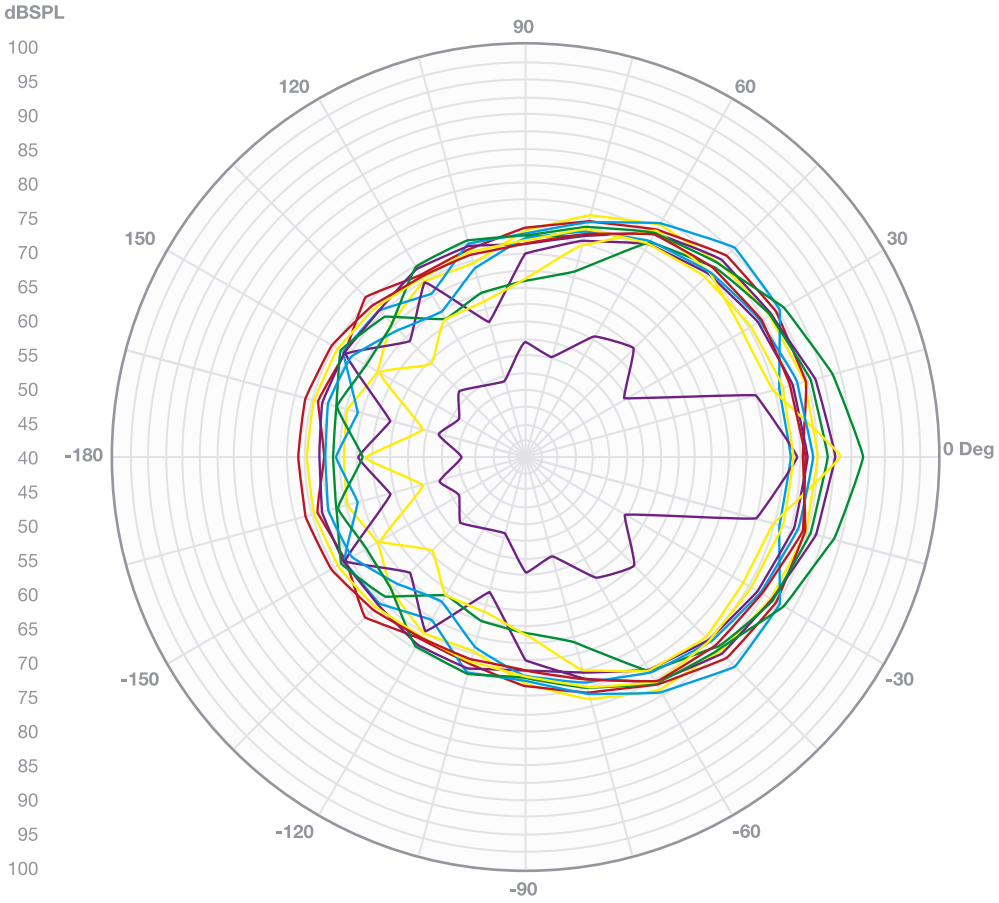
CONNECTORS	Euroblock input and output for cable cross-section 0.25 - 2.5 mm².
TMEPERATURE RANGE	-10ºC ~ 60ºC
COLOUR	Black (RAL 9005)
DIMENSIONS	Loudspeaker: 199 x 322 x 181 mm depth Mount wall plate: 102 x 165 mm Loudspeaker with mount: 284 mm depth
WEIGHT	3 kg
ACCESSORIES	Adjustable mounting bracket ± 60º in all directions. Steel safety cable

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

SPL vs Frequency

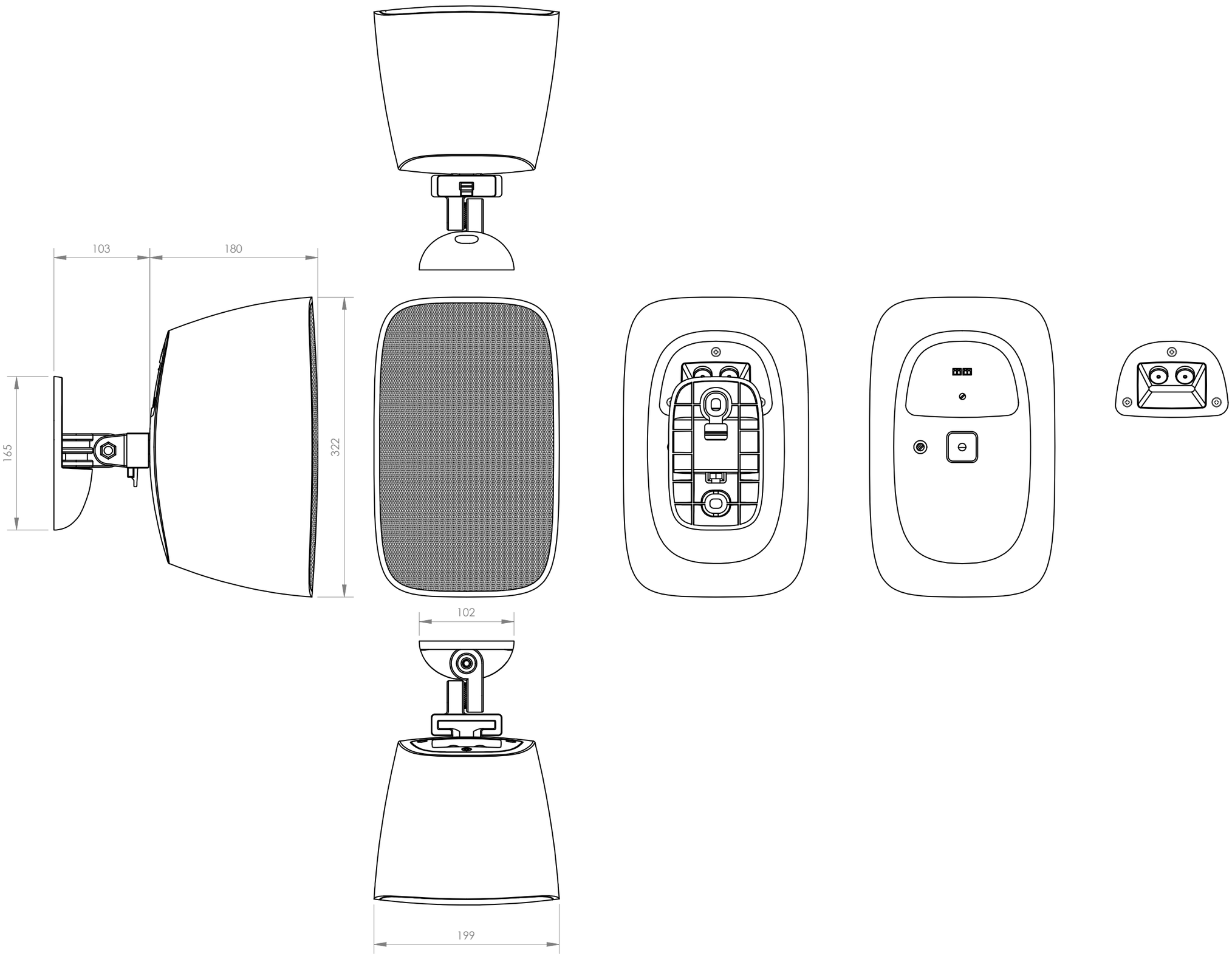


SPL vs Angle



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
https://fonestar.com/SONORA-6TN



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