

PUBLIC ADDRESS / SPEAKERS / SURFACE

SONORA-8TN

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-8TN>

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 and marine environments use as they have a powder-coated aluminium grille and are waterproof (IP-66). Besides, SONORA delivers high sound quality with clear, distortion-free sound, with a wide frequency response. 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

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|------------------------|--|
| FEATURES | Low impedance loudspeaker with 100 V line transformer. Suitable for outdoor use, waterproof and rustproof materials. |
| POWER | 150 W max., 100 W RMS |
| SPEAKERS | 8" polypropylene woofer 1 x 1" tweeter |
| RESPONSE | 60-20,000 Hz |
| IMPEDANCE | 80 W RMS@100 V (125 Ohm) 40 W RMS@100 V (250 Ohm) 20 W RMS@100 V (500 Ohm) 10 W RMS@100 V (1,000 Ohm) Low Z: 8 Ohm |
| SENSITIVITY | 89 dB @ 1 W/1 m |
| MAXIMUM SOUND PRESSURE | 108 dB @ max. W/1 m |
| COVERAGE ANGLE | H/V: 210°/210° @500Hz, 120°/120°@1kHz, 110°/110°@2kHz, 110°/110°@4kHz (-6 dB) |
| PROTECTIONS | IP-66 in compliance with EN 60529 IEC 60068-2-11 Environmental Test (Salt mist) |
| MATERIAL | ABS (UV resistance) Aluminium mesh grille, with powder-coated finish Weather-resistant mount Stainless steel screws |



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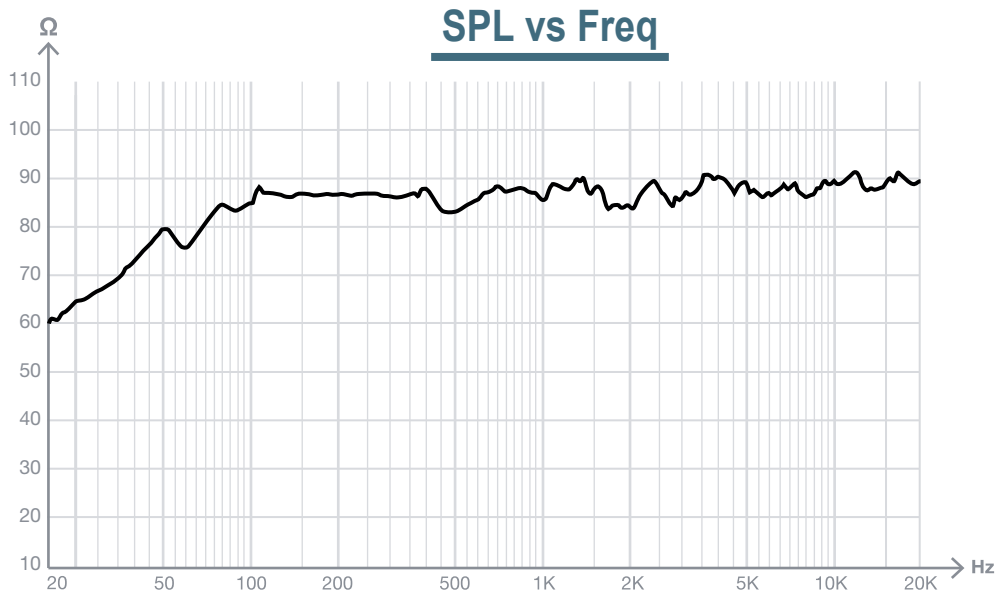
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|-------------------|---|
| SWITCH | W selector in high Z and low Z |
| CONNECTORS | Euroblock input and output for cable cross-section 0.25 - 2.5 mm ² . |
| TEMPERATURE RANGE | -10°C ~ 60°C |
| COLOUR | Black (RAL 9005) |
| DIMENSIONS | Loudspeaker: 235 x 380 x 200 mm depth Mount wall plate: 102 x 165 mm Loudspeaker with mount: 305 mm depth |
| WEIGHT | 5.3 kg |
| ACCESSORIES | Adjustable mounting bracket ± 60° in all directions. Steel safety cable |



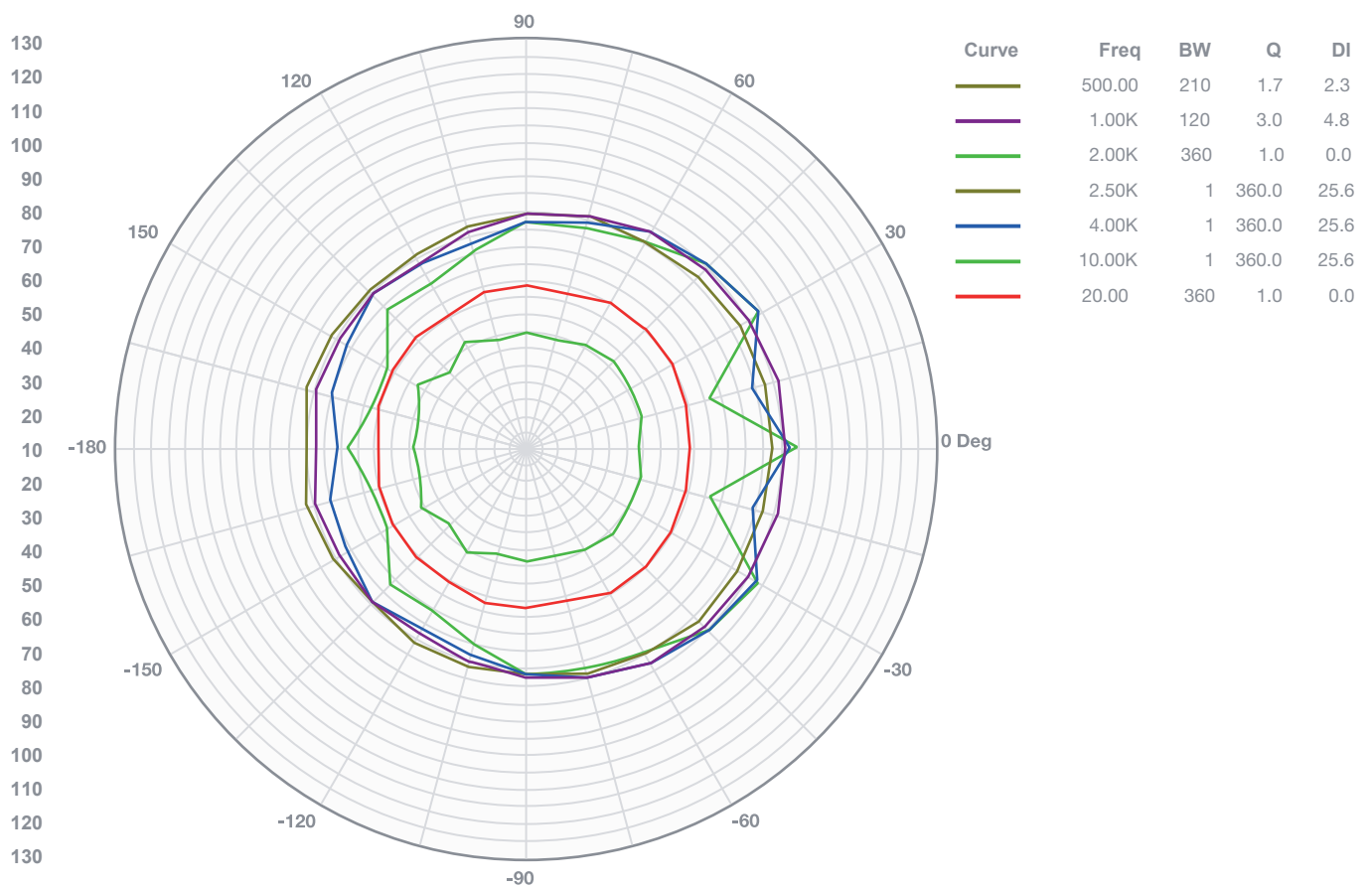
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SPL vs Frequency

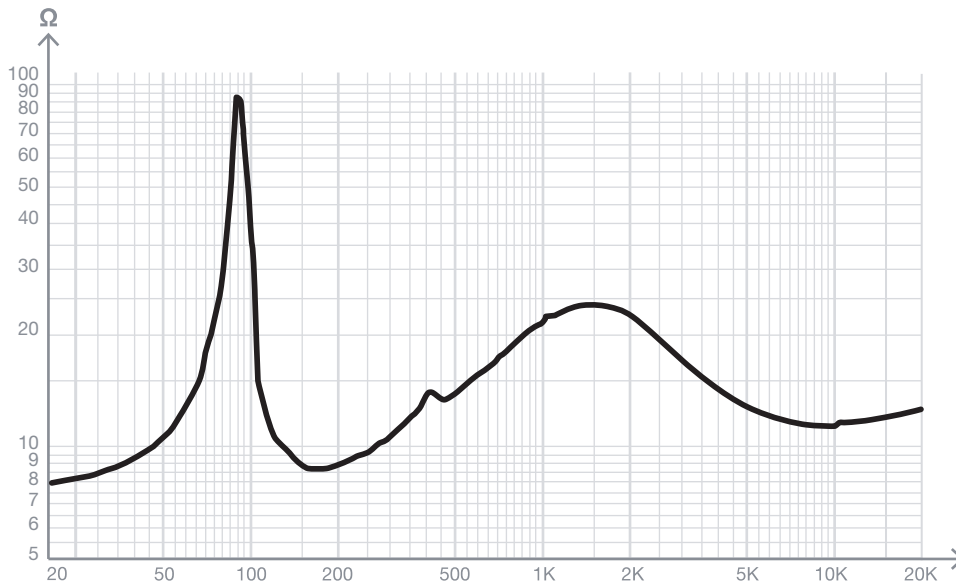


SPL vs Angle

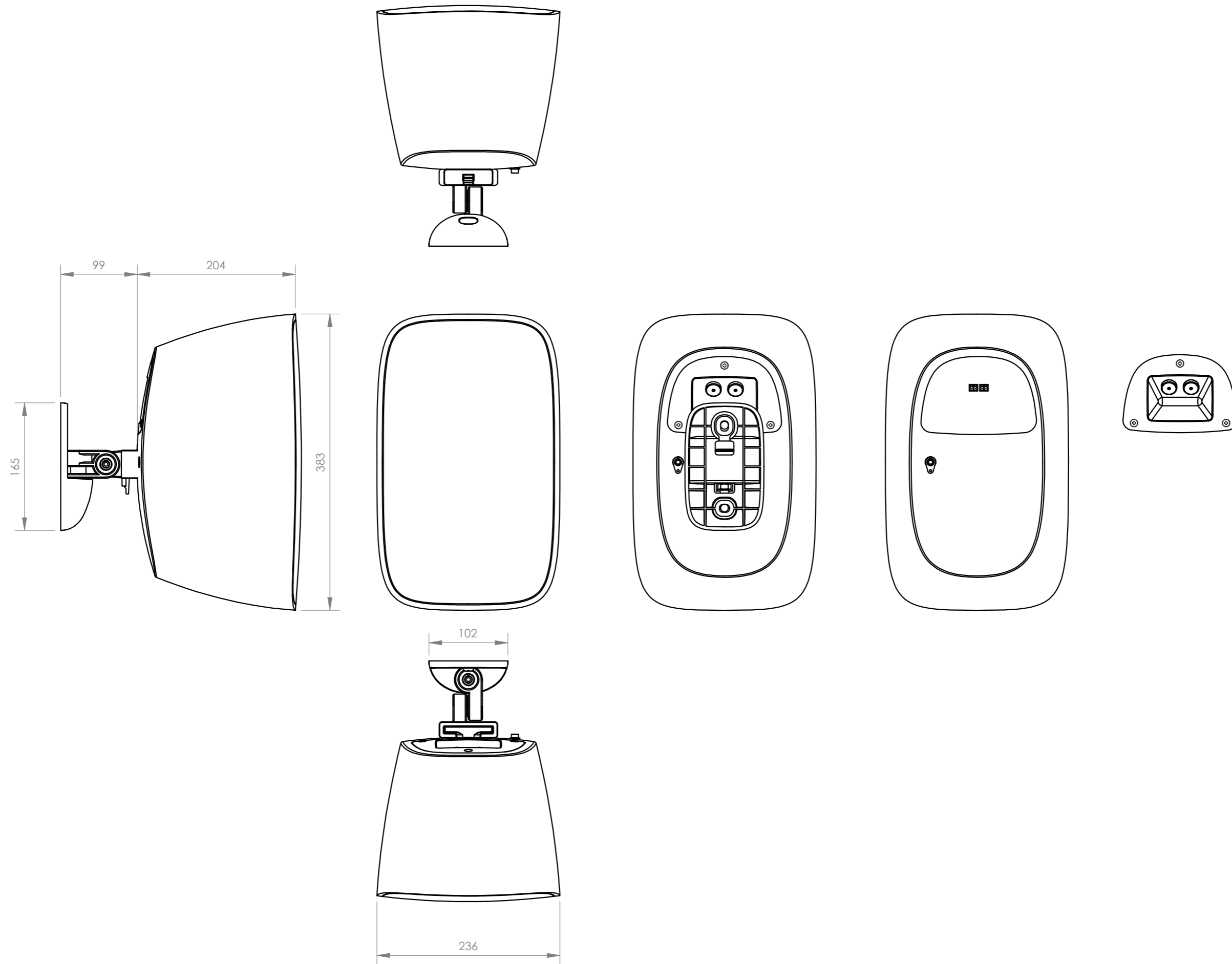


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Impedance vs Frequency



+ Info
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|-----------------|-----------------------|---|-------|-------|
| FONESTAR | Model | Description | Units | Scale |
| | SONORA-8TB+SONORA-8TN | 100 V LINE TRANSFORMER AND LOW IMPEDANCE SURFACE SPEAKER | mm | 1:5 |