

PA SYSTEM / SPEAKERS / SURFACE

SONORA-4TB-EN

SURFACE LOUDSPEAKER WITH 100 V LINE TRANSFORMER AND LOW IMPEDANCE IN COMPLIANCE WITH EN 54



- ✓ Excellent sound quality
- ✓ Excellent finish and elegant design
- ✓ EN 54-24 certificate
- ✓ Prepared for outdoor use, protection against water and anti-corrosion materials.



ESPECIALLY RECOMMENDED IN:



Hospitality



Education



Hotels



All sectors

DESCRIPTION

EN 54 certified loudspeaker for voice alarm systems

The SONORA-4TB-EN is a versatile and robust loudspeaker, ideal for use in public address and voice alarm systems, complying with the EN 54-24 standard, making it a reliable solution for evacuation and fire safety installations. Its design ensures high performance in outdoor environments, with IP-66 protection that guarantees resistance to water, dust, and adverse conditions. Additionally, the SONORA-4TB-EN features a corrosion-resistant aluminium grille and components designed to withstand marine environments, making it perfect for projects in coastal areas or locations with high exposure to the elements.

Robust design and high-quality sound

Adjustable power: With a 100 V line transformer and low impedance, this loudspeaker offers multiple power settings (30 W, 15 W, 7.5 W, 3.75 W), adapting to the specific needs of each installation.

High durability: Made from UV-protected ABS material, powder-coated aluminium grille, and stainless steel screws, the SONORA-4TB-EN is fully prepared to withstand extreme weather conditions. Its IP-66 certification ensures protection against water and dust.

Clear and powerful sound: Equipped with a 4-inch woofer and a 1-inch tweeter, this loudspeaker provides precise and clear sound in emergency or evacuation situations.

Why choose the SONORA-4TB-EN?

The SONORA-4TB-EN is the ideal solution for installers looking for a certified loudspeaker for voice alarm systems that complies with the EN 54-24 standard and offers excellent outdoor durability. Its wide coverage angle (up to 225° vertical and 215° horizontal at 500 Hz) ensures that alerts and evacuation messages are clearly heard over large areas. Additionally, it includes an adjustable mount and steel safety cable for secure and flexible installation.

TECHNICAL CHARACTERISTICS

FEATURES	Loudspeaker for voice alarm systems EN 54 Low-impedance loudspeaker with 100 V line transformer. Prepared for outdoor use, waterproof and rustproof materials.
INTENDED USE	Loudspeaker for voice alarm systems



+ Info:
<https://fonestar.com/SONORA-4TB-EN>

STANDARDS	Certified EN 54-24 Fire detection and fire alarm systems - Part 24: components of voice alarm systems - Speakers EN 54-24: 2008
POWER	60 W max., 30 W RMS
LOUDSPEAKERS	1 x 4" woofer 1 x 1" tweeter
RESPONSE	120-20,000 Hz
IMPEDANCE	30 W RMS@100 V (333 Ohm) 15 W RMS@100 V (667 Ohm) 7.5 W RMS@100 V (1,333 Ohm) 3.75 W RMS@100 V (2,667 Ohm) Low Z: 8 Ohm
SENSITIVITY	83 dB @ 1 W/1 m 72 dB @ 1 W/4 m
MAXIMUM SOUND PRESSURE	96 dB @ max. W/1 m 85 dB @ max. W/4 m
COVERAGE ANGLE	H/V: 215°/225° @500Hz, 145°/130°@1kHz, 115°/120°@2kHz, 80°/110°@4kHz (-6 dB)
PROTECTION	Type B IP-66 in compliance with EN 60529 IEC 60068-2-11 Environmental tests (Saline mist)
MATERIAL	ABS 5VB (UV resistance) Aluminium mesh grille, with powder-coated finish Weather-resistant mount Stainless steel screws
SWITCH	W selector in high Z and low Z
CONNECTORS	Euroblock for cable 0.25 - 2.5 mm² cross section
TEMPERATURE RANGE	-10°C ~ 60°C
COLOUR	White (RAL 9003)
DIMENSIONS	125 x 202 x 120 mm depth
WEIGHT	1.6 kg
ACCESSORIES	Adjustable mounting bracket ± 60° in all directions. Steel safety cable



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