



NT - 15 HS Horn Speaker



NT-15HS

- **Material: Aluminum**
- **Frequency Response: 60Hz-18KHz**
- **Drive: 15" + alt**
- **Line Voltage: 100V/ 8 ohm**
- **Sensitivity: 108 +/- 3dB (1m 1W)**
- **Power: 500 W**
- **Size (mm): 585x805x585**
- **Net weight: 46.5 KG**

Horn speakers use an acoustic horn to amplify and direct sound waves, achieving high efficiency and controlled audio output.

Primary aspects

These speakers are suitable for large venues such as stadiums, playgrounds, and public squares, delivering impressive audio performance with a maximum sound pressure of 132 dB. They can project sound over a distance of up to 500 meters, ensuring clear audio coverage across vast areas.

Secondary aspects

The speakers feature a robust enclosure made of glass steel, providing durability and protection in various environments. Additionally, they offer precise audio calibration with 20x40 point measurement, ensuring optimal sound distribution throughout the space.

Horn Speakers

can produce much higher sound pressure levels (SPL) with the same input power as traditional cone speakers, making them ideal for concerts and public address systems. The horn matches the driver's high acoustic impedance to the lower impedance of the air, ensuring efficient energy transfer and minimizing reflections. Modern designs have reduced distortions typically associated with horn speakers, resulting in a cleaner and more precise sound. Some speakers now incorporate advanced materials like carbon fiber, enhancing durability and improving the overall audio performance. Additionally, horn speakers often feature adjustable dispersion patterns, allowing for tailored sound coverage depending on the environment. Often used in multi-way systems to cover a wide frequency range, horn speakers are favored for their clarity, efficiency, and versatility. Their ability to project sound over long distances without losing fidelity makes them especially valuable in large venues, ensuring consistent audio quality.