PA Amplifier
NT - 500PA

NOVA

PA Amplifier (NT-500PA)

The NT-500PA is high-performance digital Class D amplifiers designed for professional audio applications. Built with U.S.-imported IR digital chips and an SMT modular design, these amplifiers deliver reliable, distortion-free power in a compact 1.5U/2U chassis. Each channel features an independent power supply, ensuring uninterrupted operation even if one channel fails. Advanced protection circuits guard against overloads, short circuits, DC voltage issues, and overheating, with clear alarm indicators for quick troubleshooting. Equipped with 6.35mm and XLR inputs, a pressure-limiting function for clean audio, and LED status lights, these amplifiers are ideal for live sound, studios, and installations where efficiency and durability are critical. Their lightweight yet rugged aluminum construction makes them a practical choice for both fixed and mobile setups.

TECHNICAL DATA SPECIFICATION

Model	NT-500PA
Line Voltage:	70-100 v
Impedance:	4-16 Ω
Rated Power:	300 W
Zone:	4
Dimension (mm):	482x65x405
Weight (kg):	4.9 KG
Gross Weight (kg):	5.5 KG
Panel Color:	Silver/Black

KEY FEATURES

The NT-500PA amplifiers deliver powerful, distortion-free audio with their advanced U.S.-imported IR digital chips and SMT modular design, ensuring high efficiency and reliability. Each channel operates on an independent power supply, preventing system-wide failures, while comprehensive protection circuits safeguard against overloads, short circuits, DC voltage fluctuations, and overheating, with clear alarm indicators for quick troubleshooting.

QUICK GUIDE

simply connect your audio source via 6.35mm or XLR inputs, ensure proper ventilation, and power on. The LED indicators provide real-time status updates for power, signal, and protection alerts. Adjust output levels carefully to avoid clipping, and let the pressure-limiting function maintain clean sound at high volumes. If an alarm triggers (overload, short-circuit, or overheating), check connections and cooling before resetting.

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