

TNAA-4100 4x100W 4-CHANNEL NETWORK POWER AMPLIFIER



NETWORK SYSTEM



TNAA-4100

The TNAA-4100 4x100W 4-Channel Network Power Amplifier is a 100V line Class-D amplifier that connects directly to the LAN infrastructure. The unit receives and decodes up to 4 independent IP audio streams and feeds directly into its 100W amplifier circuit. The unit is designed to power high impedance speaker systems for the distribution of high quality background music and paging announcement. The unit has numerous safety and self-monitoring features built-in. It comes with an automated changeover function that switches over any faulty amplifier channel to a standby

channel when a fault is detected. The unit also is capable of monitoring the speaker line for open and short circuit. All these critical system status are sent back via the LAN and can be monitored remotely. The Network power amplifier is designed to be paged via the TNPS-11 PC Paging Station or the TNPP-10 Network Paging Microphone.

FEATURES

- Class-D amplifier technology providing 4 x 100W (100V) output.
- Robust self-monitoring and self-regulating design for reliable operation.
- Built-in amplifier monitoring and changeover mechanism.
- Built-in speaker line monitoring.

TNAA-4100 4x100W 4-CHANNEL NETWORK POWER AMPLIFIER

- Overload and short circuit protection.
- TCP/IP compliant LAN interface.
- Overall amplifier status available via LAN.
- Wide frequency response suitable for high quality music reproduction.

Technical Specification

TNAA-4100	
Rated Output Power	4 x 100W rms
Frequency Response	40Hz ~ 18kHz
THD	Less than 1% (at rated output)
Signal to Noise Ratio	More than 90dB (IEC A)
Load impedance	100ohm per channel
Protection and monitoring	Short circuit and overload protection Automatic amplifier changeover Speaker line monitoring
Networking	10/100Mbit Ethernet
Audio Decoding Formats	G.711 MP3
Operation Temperature	-10degC to 40degC
Weight	1.25kg