

PA100W Amplifier

78040-50/80 Data Sheet

The TEK PA100W is a compact, Class-D audio amplifier featuring switchable stereo or mono output, complete EQ adjustment, and intuitive work status display. Volume and EQ can be adjusted easily using front-panel controls, RS232 serial commands, IR remote, or TCP/IP interface. The amplifier ships with its own power supply and mounting ears, and makes an ideal amplifier for adjustable audio in a classroom or conference room.

Features:

- Switchable stereo (2x50W) or mono (1x100W) output
- Complete independent EQ management of Bass/Line/Treble levels
- Audio loop output for connection to other amplifiers
- Controllable via RS-232 commands, IR remote, TCP/IP protocols, or front panel buttons
- Shipped fully functional, pre-programmed, and rigorously tested



PA100W Amplifier

78040-50/8 Technical Specifications

Inputs	2 Stereo Audio, Unbalanced (RCA/3.5mm mini jack) 1 Digital Audio (SPDIF digital jack)
Input Impedance	>10k Ω
Outputs	2 Stereo / 1 Mono (4 Pin Phoenix) 1 Loop Output (3.5mm mini jack)
Control Ports	1 RS-232 (3 Pin Phoenix) 1 IR Input (3.5mm mini jack) 1 TCP/IP (RJ45, Female)
Signal-to-Noise Ratio (SNR)	80dB
Total Harmonic Distortion (THD) + Noise	1% @1kHz, 50W
Stereo Channel Separation	75dB @ 20Hz~20kHz
Damping Coefficient	>100
Voltage Gain	32dB
Power Output	4 Ω : 100W 8 Ω : 2x50W
Power Supply	Input: 100 ~ 240V AC Output: DC 36V, 2.66A
Temperature	14 ~ 131°F (-10 ~ 55°C)
Humidity	10 ~ 90%
Product Dimensions	5.83" (148mm) x 1.73" (44mm) x 6.5" (165mm)
Product Weight	1.59 lbs. (720g)

Specifications are subject to change without notice