

# PA100W Amplifier

## 78-PA100-1L 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

## 78-PA100-1L Technical Specifications

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

Specifications are subject to change without notice