



## 906

### 2x1 Stereo Audio Amplifier & Switcher (6.8 Watts per Channel)

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The **906** is a high-performance controllable power amplifier for line-level stereo audio signals. It accepts either an unbalanced stereo audio signal on RCA connectors or a balanced stereo audio signal on a terminal block connector. It delivers a speaker output of 6.8 watts RMS per channel into a 4Ω load.

### FEATURES

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- High Efficiency - Class D operation.
- USB Port - For firmware update.
- Controls - Up/Down for volume, bass, mid, treble, balance; buttons for mute and loudness.
- Flexible Control Options - Front panel, RS-232, Ethernet, K-Net, IR remote (included) & 10kΩ volume level.
- Compact MegaTOOLS® - 2 units can be rack mounted side-by-side in a 1U rack space with the optional RK-T2B rack adapter.

**TECHNICAL SPECIFICATIONS**

**INPUTS:** 1 unbalanced stereo audio on RCA connectors; 1 balanced stereo audio on a 5-pin terminal block connector; 1 USB connector.

**OUTPUT:** 1 speaker stereo audio on a 4-pin terminal block connector.

**OUTPUT POWER:** 2 x 5.3W per channel into 8Ω; 2 x 6.8W per channel into 4Ω.

**OUTPUT MUSIC POWER:** 2 x 22W per channel into 8Ω; 2 x 28W per channel into 4Ω.

**BANDWIDTH (-3dB):** 32.5kHz.

**S/N RATIO:** 67.5dB @1kHz.

**CROSSTALK:** -55.6dB @1kHz.

**CONTROLS:** Volume: <-37dB to 35.6dB; balance: <-20dB to 0dB; treble: -5.3dB to 10.9dB @10kHz; mid: -7.8dB to 13.2dB @1kHz; bass: -4.1dB to 15.1dB @100Hz.

**ADDITIONAL CONTROLS:** Input selector, mute, external potentiometer, remote by contact closure, infrared remote.

**COUPLING:** Input: AC, output: DC.

**AUDIO THD + NOISE:** 3.4% @1kHz.

**AUDIO 2nd HARMONIC:** 0.3% @1kHz.

**POWER CONSUMPTION:** 12V DC 1.2A (8Ω load), 1.7A (4Ω load).

**DIMENSIONS:** 18.8cm x 11.4cm x 2.4cm (7.4" x 4.5" x 0.94") W, D, H.

**WEIGHT:** 0.6kg (1.32lbs).

**INCLUDED ACCESSORIES:** Power supply, IR remote control transmitter.

**OPTIONS:** RK-T2B 19" rack adapter.

