



## 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.

