



## 912

Stereo Audio Power Amplifier (8.4 Watts per Channel)

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The **912** is a high-performance power amplifier for balanced or unbalanced stereo audio signals. Either input can deliver a speaker output of 8.4 watts RMS power per channel into a 4Ω load.

### FEATURES

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- High Efficiency - Class D operation.
- S/N Ratio - 63dB balanced.
- Volume Control - Selectable control knob or 10V external control on a terminal block connector.
- Indicator LEDs - Power on, over-temperature warning.
- Compact Kramer TOOLS™ - 3 units can be rack mounted side-by-side in a 1U rack space with the optional RK-3T rack adapter.

## TECHNICAL SPECIFICATIONS

|                       |                                                                                                                                                    |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| INPUTS:               | 1 unbalanced stereo audio, 1Vpp/10K $\Omega$ on 2 RCA connectors; 1 balanced stereo audio, +4dBu/10K $\Omega$ on a 5-pin removable terminal block. |
| OUTPUT:               | 1 stereo speaker output on a 4-pin removable large terminal block.                                                                                 |
| INPUT SENSITIVITY:    | Unbalanced: 440mVpp; balanced: 105mVpp.                                                                                                            |
| OUTPUT POWER:         | 5.5W per channel (8 $\Omega$ ), 8.4W per channel (4 $\Omega$ ).                                                                                    |
| AMPLIFIER TYPE:       | Class D.                                                                                                                                           |
| MAXIMUM VOLTAGE GAIN: | Unbalanced: 32.6dB (x43); balanced: 36.2dB (x65).                                                                                                  |
| BANDWIDTH (-3dB):     | >20kHz.                                                                                                                                            |
| S/N RATIO:            | Unbalanced 60dB; balanced 63dB.                                                                                                                    |
| GAIN:                 | 8 $\Omega$ : unbalanced <-68 to 33dB, balanced -60 to 36dB; 4 $\Omega$ : unbalanced -48 to 40dB, balanced -60 to 38dB.                             |
| COUPLING:             | Input: unbalanced DC (internal AC path), balanced AC; Output: DC.                                                                                  |
| AUDIO THD + NOISE:    | 8 $\Omega$ : unbalanced 2.3%, balanced 2.5%; 4 $\Omega$ : unbalanced 3.1%, balanced 4.3%.                                                          |
| AUDIO 2nd HARMONIC:   | 8 $\Omega$ : unbalanced 1.4%, balanced 1.4%; 4 $\Omega$ : unbalanced 2.7%, balanced 3.5%.                                                          |
| POWER CONSUMPTION:    | 12V DC, 2.8A, full load 4 $\Omega$ @10% THD+N.                                                                                                     |
| DIMENSIONS:           | 12cm x 8.5cm x 2.5cm (4.7" x 3.4" x 1") W, D, H.                                                                                                   |
| WEIGHT:               | 0.3kg (0.66lbs) approx.                                                                                                                            |
| INCLUDED ACCESSORIES: | Power supply, mounting bracket.                                                                                                                    |
| OPTIONS:              | RK-3T 19" rack adapter.                                                                                                                            |

