



MODWRIGHT INSTRUMENTS

KWA 100 & KWA 100SE POWER AMPLIFIER

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The KWA 100 provides the strengths of both Tube and Solid State products: 3-D sound-staging, holographic imaging and beautiful midrange of tubes, combined with sparkling highs, low distortion, bass resolution and control of solid state.

The heart of the KWA 100 is a single voltage gain stage called the 'Solid State Music Stage'. The circuit was developed by Alan Kimmel creator of the exceptional vacuum tube 'Mu' stage.

Features include: True balanced floating inputs, accept balanced and unbalanced inputs. Switchable internal blue LED lighting. Design incorporates regulated input stage power supply, oversized heatsinks, MOSFET output stage and zero global feedback. Class A/B operation with the first watts in pure Class A.

The KWA 100SE design includes a 100% increase in main power supply capacitance and upgrade of all key signal capacitors in input stage, to MWI custom capacitors. Number of output devices increased 67% for a total five pairs per channel.

The KWA 100 series amps from ModWright Instruments offer a smaller form-factor than our KWA 150, lower operating temperature, and physical weight. The use of MOSFET output devices gives the KWA 100 a presentation that is slightly warmer and more tube-like overall than the KWA 150.

The KWA 100SE, compared to the KWA 100 offers improved levels of detail and greater control over speakers and bass response, due to increased power supply capacitance and number of output devices.

The KWA 100 and KWA 100SE are two more fine product from ModWright Instruments, proudly designed and Hand Crafted in the U.S.A.



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Specifications:

KWA 100: 110W @ 8 ohms (.08% THD); 200W @ 4ohms (.08% THD).
KWA 100SE: 120W @ 8 ohms (.07% THD); 210W @ 4 ohms (.07% THD).

Total Capacitance: KWA 100 = 90,000uf; KWA 100SE = 180,000uf.

Output Devices: KWA 100 = 3 pairs per channel; KWA 100SE = 5 pairs per channel.

Power Transformer: 500VA.
Bandwidth: 10Hz - 100Khz (+0, -1dB).
Noise Floor: -97dB.
Gain: 26dB.
Input Impedance: Min. 15K at 50Khz; 23K at 1Khz.
Input Sensitivity: 1.5V.
Dimensions: 17"Wx17"Dx5-1/2"H
Weight: 40lb (47 lb shipped)

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