

Ausführung in

SCHWARZ



The MOON W-5 is a balanced differential dual-mono power amplifier that produces 190 watts per channel into 8 ohms, 380 watts into 4 ohms and could be configured for mono operation. Employing our "Advanced Renaissance" technology featuring a "no overall feedback" circuit and bipolar output devices, the W-5 produced a warm, grain free sound common to some of the very best tube amplifiers, but had the reliability of solid state designs

**MOON W-5 Dual-Mono Power Amplifier – Specifications**

Configuration .....	Dual Mono
Power Supply Transformers .....	2 x 1kVA
Power Supply Capacitance .....	216,000µF
Class Of Operation .....	A/AB
Design .....	Fully Balanced Differential to output stage
Input Impedance .....	47,500Ω
Input Sensitivity .....	1100mV
Output Device Type .....	Bipolar - 10 per channel
Output Power at 8Ω .....	190 Watts per channel
Output Power at 4Ω .....	380 Watts per channel
Output Power at 2Ω .....	750 Watts per channel
Output Power – Bridged Mono at 8Ω .....	750 Watts
Frequency Response .....	10Hz - 200kHz +0/-3dB
Output Impedance .....	0.01Ω
Damping Factor (static) .....	800
Gain .....	31dB
Dynamic Headroom .....	6dB
Signal-to-noise Ratio .....	> 100dB @ full power
Maximum Output Voltage .....	40 Volts
Slew Rate .....	40V/µs
Maximum Current – Peak .....	55 amperes
Maximum Current – Continuous .....	20 amperes
Crosstalk @ 1kHz .....	-100dB
Intermodulation Distortion .....	Immeasurable
THD (20Hz - 20kHz @ 1 watt) .....	< 0.1 %
Power Consumption @ idle .....	48 Watts
AC Power Requirements .....	120V / 60Hz or 240V / 50Hz
Fuse Replacement - 120V .....	6A long fast blow
Fuse Replacement - 230V .....	3A long fast blow
Shipping Weight .....	71 lb. / 32 Kg.
Dimensions (W x H x D, inches) .....	19 x 7.5 x 19

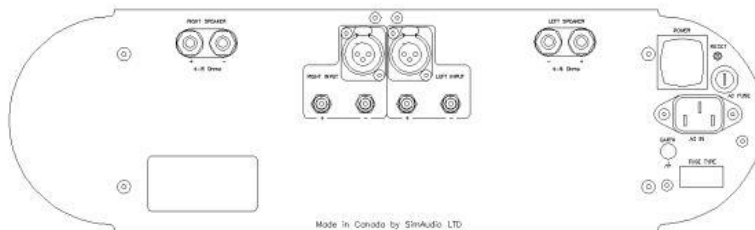
Balanced Input Pin Assignment:

Pin 1 .....	Ground
Pin 2 .....	Positive
Pin 3 .....	Negative

## Technical aspects:

- A "no overall feedback" design resulting in real-time amplification, a more accurate musical reproduction with respect to tonality, virtually non-existent intermodulation distortion and the elimination of common phase errors resulting from feedback
- An oversized power supply
- A custom proprietary toroidal transformer design with lower magnetic, electrical and thermal loss, yielding an improved power transfer and lower regulation factor, resulting in increased current speed and better dynamics
- Fully balanced circuitry up to the output stage
- Stable to any known speaker impedance
- "Class A" output to 5 watts for greater efficiency
- Precision matched and fully decoupled Bipolar output devices which offer superb linearity throughout the entire audio frequency spectrum
- A high damping factor which yields superior musical dynamics, improved signal speed and refined timbre accuracy
- Extremely rigid chassis construction to minimize the effects of external vibrations  
Accurate matching of the highest quality electronic components to tolerances as low as 0.01%
- A very short signal path for a faster transient response
- A symmetrical circuit design
- Optional 12 Volt trigger for remote operations
- Pure copper circuit board tracings with extremely low impedance characteristics
- Designed to be powered up at all times for optimal performance
- Low operating temperature for a longer than normal life expectancy.

## Rear Panel:



### Corporate Headquarters:

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