

# Reference 160M MkII Mono Amplifier

**SKU** REF160MMkII

**Category** Amplifiers

## Electronic Specifications

### POWER OUTPUT

140 watts continuous from 20Hz to 20kHz. 1kHz total harmonic distortion typically 1% at 140 watts, below 0.04% at 1 watt. (Note that actual power output is dependent upon both line voltage and "condition" i.e.: if power line has high distortion, maximum power will be affected adversely, although from a listening standpoint this is not critical).

### POWER BANDWIDTH

(-3dB Points) 5Hz to 70kHz.

### FREQUENCY RESPONSE

(-3dB points at 1 watt) 0.5Hz to 110kHz.

### INPUT SENSITIVITY

2.4V RMS Balanced for rated output. (25.5 dB gain into 8 ohms).

### INPUT IMPEDANCE

200 k ohms Balanced.

### OUTPUT POLARITY

Non-inverting. Balanced input pin 2+ (IEC-268).

### OUTPUT TAPS

16 ohms, 8 ohms, 4 ohms.

### OUTPUT REGULATION

Approximately 0.6dB 16 OHM LOAD TO OPEN CIRCUIT (Damping factor approximately 14).

### OVERALL NEGATIVE FEEDBACK

14dB SLEW RATE: 13 volts/microsecond RISE TIME: 2.0 microseconds.

### POWER REQUIREMENTS

105-130VAC 60Hz (210-250VAC 50Hz) 400 watts at rated output, 700 watts maximum, 260 watts at "idle", 1 watt off.

### TUBES REQUIRED

2 matched pair KT150 (Power output V1-4); 2 6H30 (Gain stage V5 and V6).

### DIMENSIONS

Width 17.25" (43.8 cm)

Height 10" (25.4 cm)

Depth 18.5" (47 cm)

Handles Extended 19.25" (48.9 cm)

### WEIGHT

56lbs (25.5 kg) Net

73lbs (33.2 kg) Shipping