



# buzzaudio MA2.2

## TRUE CLASS A MICROPHONE AMPLIFIER

The MA2.2 is the result of extensive listening tests and careful solid state circuit design. Attention to detail and a minimal signal path has produced a high speed mic preamplifier with exceptional specification and sonic clarity.

## The Benchmark in Low Noise Hi-fidelity Recording

Clean & Uncoloured Sound From All Your Microphones

### DESIGN FEATURES

- Fully discrete proprietary very high speed Class A Amplifiers utilizing matched and selected semiconductors.
- Transformerless non-reactive (resistive) input coupling using high quality Film capacitors.
- Two stages of power supply regulation including separate low noise discrete power regulators for input and output amplifier stages.
- Optimized Amplifiers for input and output arranged in balanced instrumentation configuration.
- Minimal signal path, extended frequency response, ultra low distortion and noise specifications.
- Quality components and controls used throughout, very rugged chassis.
- With an internal response out to 1MHz, the MA2.2 is possibly the fastest mic preamp available today.

### SPECIFICATIONS:

Gain Range: +16dB (-4dB with pad in) to +65dB  
 Maximum Output Level: +24dBu (unbalanced).  
 Harmonic Distortion: Less than 0.008%, 100Hz to 10Khz..  
 Common Mode Noise Rejection: -133.5dB (A wtg, 150ohmsource Z).  
 Equivalent Input Noise: -74dB (A wtg, input shorted).  
 Signal to Noise Ratio: 2Hz to 250kHz @ 20dB gain (-3dB).  
 Frequency Response: 20Hz to 250kHz @ 64dB gain (-3dB).  
 Slew Rate: 140V/uS @ +20dBu output level.  
 Input Impedance: 3k ohms/1k2 ohm switchable.  
 Mains: 230/115 Volts selectable.  
 Package: 1U rack mount, (482Wx44Hx300D). 6kgs.

### CONTROLS:

GAIN: (41 position detented calibrated pot).  
 MUTE, INPUT Z, +48V, PHASE, 20dB PAD.  
 PEAK LED at +18dBu output (adjustable).  
 Mains Voltage Selector rear.  
 Hard/Soff Earth switch, rear.

### CONNECTORS:

Input XLR3F wired pin 2 HOT  
 Output XLR3M wired pin 2 HOT & TRS •" jack.

### OPTIONS:

SOWTER type 8403-X output transformers.



Handcrafted In New Zealand By:



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