



# MODEL 2032 MIC PRE/PARAMETRIC EQ CHANNEL STRIP

## SPECIFICATION

### INPUT

Microphone: 1 k $\Omega$  balanced, >80dB CMRR, +17dBu max input before clipping  
Insert: 20 k $\Omega$  balanced bridging, >40dB CMRR, +21dBu max input before clipping  
MI: 1 M $\Omega$  unbalanced, +8.5dBu maximum input before clipping

### THROUGHPUT

Bandwidth:  
-0.1dB / +0.002dB, <10Hz to >30kHz, worst-case  
-3dB, >300kHz and <<10Hz, typical  
<0.003% Harmonic distortion, 20Hz to 20kHz, typical  
<0.006% SMPTE Intermodulation distortion, typical  
30v/usec discrete low-noise precision operational amplifiers, GML 9202

Noise:  
-80dBu broadband, EQ engaged, typical  
-112dBu EIN, MI input  
-120dBu EIN, Microphone input (Rs = 150 $\Omega$ , 30kHz BW), worst-case  
-80dB crosstalk, 20Hz to 20kHz, worst case

### FORM FACTOR

One channel, multi-input, gain, filter, parametric equalizer with insert capability and internal power supply  
Inputs: Mic (balanced, XLR), MI (Musical Instrument; unbalanced, 1/4" TS)  
Gain control: +15dB to +70dB, 5dB steps  
Fine control: -5dB to +5dB, continuously variable  
Phase switch, Phantom power (P48) switch  
Filter -- Second-order Butterworth active high-pass filter; 100Hz, flat, 40Hz • Insert control: split parametric equalizer from preamplifier  
EQ section: four bands, fully parametric, continuously variable controls  
EQ IN switch  
Overload (OL) indicator: peak indication, preamplifier and equalizer

### OUTPUT

+27.0 dBv clipping  
3-wire unbalanced XLR (pin 2 hot)  
< 3 mV output offset max, stabilized by D.C. servo correction, direct couple

### OTHER

Internal linear power supply, 110V/220V switch, 50/60Hz; +/-28 VDC, +/-18 VDC, +48VDC Approx. power consumption: 28W; 500mA/250V slo-blo fuse installed (110V operation) Separate Ground and Chassis connections at rear  
19" W x 1.75" H x 10" D rack mount chassis, black anodized aluminum, silver legend  
Weight: 11 lbs., approximate; shipping weight may vary

\*GML reserves the right to make changes to these specifications as it deems necessary. Individual unit performance may vary due to environmental influences, manufacturing variations, and component tolerances. Please refer to full Specifications sheet (included in the Model 2032 Owner's Manual) for details.