

The GML 8200 Parametric Equalizer is of a fifth generation progressive design, the result of ten years of creation, listening analysis, the most versatile and musical sounding circuit topology & fine tuned control parameters to satisfy the needs of the most demanding professional. Certainly the most carefully designed and constructed equalizer we have produced, this new unit is hand built and calibrated in limited production quantities using selected components.



SPECIFICATIONS

INPUT

- 20 kOhm balanced bridging
- 32 dB common mode rejection at 20kHz
- +27.4 dBv maximum before clipping (+ 28 VDC supplies)

THROUGHPUT

- + 0.1 dB, 10 Hz to 80 kHz response (controls set flat)
- 0.002% Harmonic distortion at any frequency 20 Hz - 20 kHz¹
- 0.002% SMPTE Intermodulation distortion²
- 30 v/usec discrete low noise, high performance amplifiers
- no tantalum or electrolytic interstage or output coupling capacitors
- noise -97.5 dBv bypassed, -78 dB or better typical (control position dependent)
- rolloff: 3 dB down at 260 kHz

FORM FACTOR - 2 CHANNELS, 5 BANDS: FULLY PARAMETRIC

- 1) 15 Hz - 800 Hz, Q of .4 - 4 or shelving, 15 dB boost/cut
- 2) 15 Hz - 800 Hz, Q of .4 - 4, 15 dB boost/cut
- 3) 120 Hz - 8 kHz, Q of .4 - 4, 15 dB boost/cut
- 4) 400 Hz - 26 kHz, Q of .4 - 4, 15 dB boost/cut
- 5) 400 Hz - 26 kHz, Q of .4 - 4 or shelving, 15 dB boost/cut

OUTPUT

- +27.4 dBv clipping
- 3 mv output offset, stabilized by D.C. servo correction

OTHER

- external power supply: +28 volts
- separate ground and chassis connections at rear
- 19" x 3 1/2" rack case, black anodized aluminium, silver legend, 8 1/2" deep
- weight: 6 lbs.

¹ Includes Sound Technology 1710A residual, 30kHz LP filter

² Measured at +20 dBv ST 1710A; analyzer residual 0.0018%

For sales and product information:

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