

212L Mic Preamp Module

Features

- ▶ Wide range GAIN control.
- ▶ 20dB Pad
- ▶ 48v Phantom Power Switch
- ▶ RE 115-K Mic input Transformer
- ▶ LED VU Meter
- ▶ Uses API 2520 Op-Amp
- ▶ All Discrete Circuit
- ▶ Transformer Coupled Inputs & Outputs to +28 dBu.



The tone of the 212L mic preamp finds its roots in the classic API 2488 series all discrete recording consoles, best known for the famed 'LA' sound. This same Mic Preamp design is packaged into a compact module with features like a continuously adjustable Gain control and a unique 5 segment LED VU meter on each panel.

An audio chain is only as strong as its weakest link. Often, emphasis is placed on obtaining the highest quality microphones, while neglecting the integrity of the mic pre-amp. The API 212L Microphone Pre-Amplifier is an integral part of the famous Legacy Series Console and is now available for the L200 Rack System. This modular unit incorporates the same circuit as the legendary API 512b, thus preserving its sonic qualities. This mic-pre articulates high frequencies with great detail, while delivering the big sounding, warm bottom end that API is famous for. Whether it's a live performance or the private setting of a studio session, the 212L will capture every nuance of the moment.

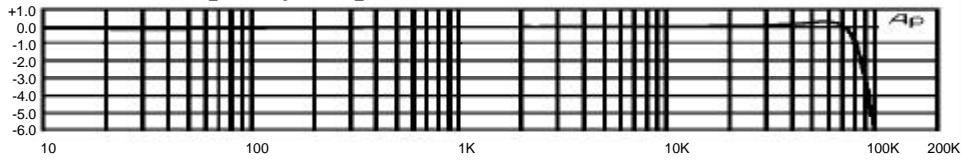
The 212L Mic-Pre all discrete circuitry features the API 2520 Op-Amp, the RE 115-K input and the AP-2623 output transformer. A -20 dB pad is provided, allowing the level feeding the mic transformer to be reduced by 20 dB, while keeping the proper load on both the mic and transformer. 48V Phantom power can be locally switched on or off via the front panel switch. An LED VU meter provides a true VU indication of the mic pre output level. The low noise floor, together with a clip point over +28 dBm, makes this preamp suitable for the most extreme applications requiring the highest quality audio.

The 212L Microphone Preamplifier makes use of the 2520 Op-amp and therefore exhibits the reliability, long life, and uniformity which are characteristic of API products.

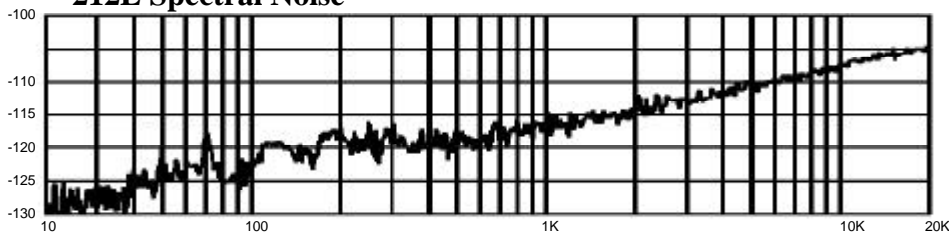


212L Features

212L Frequency Response



212L Spectral Noise



212L Specifications

Input Impedance: Mic In 1500 Ohms

Output Impedance: 85 Ohms, Transformer coupled, Balanced

Maximum Input Level: +2 dBu, No Pad,
+18 dBu, with Pad In

Gain: 55 dB max.

PAD: 20 dB, 1500/150 ohm load

Clipping Level: +28 dBu

Frequency Response: 0, -.3, 30 to 20 kHz

Noise: Actual Measured Noise: -102 dBu
Unweighted, -125 dBu "A" Weighted
20-20KHz

Distortion: THD + N: .02% (+4 dB @ 2 KHz),
.01% (+15 dB @ 2 KHz),
.05% (-15 dB @ 2 KHz)

Connectors: .100 spaced ELCO

Size: 1.25" X 2.65" X 6" Deep

Shipping/Actual Weight: 1.5Lb/1Lbs

Power Consumption: ±16 Volts DC, 40mA max
at +24 dBu out

Rack Frame and Power Supply Options: Fits
200H (4 slot, internal power supply), L200 Rack (12
slot and requires API 200PS Power Supply, and API
Legacy Consoles.

Mounting Frame and Power Supply Options

L200 Twelve Slot Rack



L200PS Power Supply

200H Four Slot Rack



Represented by:

api audio products

8301 Patuxent Range Rd.
Jessup, MD 20794
Phone: (301) 776-7879
Fax: (301) 776-8117
Website: www.apiaudio.com