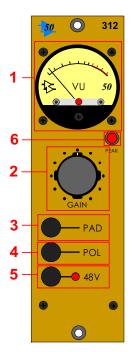


312 MIC PREAMP 50TH ANNIVERSARY EDITION USER GUIDE



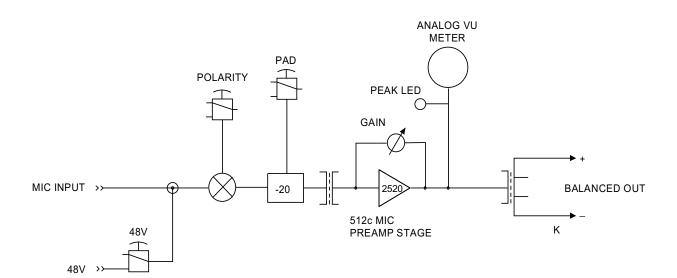
The API 312 50th Anniversary Edition is a faithful representation of the original 312 mic preamp used in API consoles from the 1970s into a 500 Series module format. Featuring an exact reproduction of API founder Saul Walker's original 312 PCB, this revitalized classic provides the classic API sound in a small package while exhibiting the reliability, long life, and uniformity that is characteristic of all other API products.

FEATURES:

- 1. Vintage style analog VU meter (0 VU = +4 dBu)
- 2. 35 dB of adjustable gain
- 3. Pad switch reduces signal level by 20 dB
- 4. Polarity switch reverses polarity of signal
- 5. 48 V phantom power switch
- **6.** LED indicator warns if input signal is clipping (+18 dBu)

The API 312 50th Anniversary Edition also comes with API's unique Five Year Warranty.

BLOCK DIAGRAM



Specifications

Gain Range: +34 dB to +69 dB (+14 dB to +49 dB with pad)

Maximum Input Level: -4 dBu (+16 dBu with pad)

Maximum Output Level: +31 dBu

Peak LED: Set to +18 dBu output level

Output Impedance: Less than 75 Ohms, transformer balanced

Frequency Response: ±0.5 dB, 20 Hz to 40 kHz

Signal to Noise Ratio: 120 dB

Connections: 15 position .156" sp. edge connector

Power Consumption: ± 16 Volts/DC @ 55 mA

Size: 1.5" X 5.25" X 6.75" deep

Weight: 1.5 lbs