The API 862 50th Anniversary Edition Channel Strip is a faithful representation of the original 312 mic-preamp and the 550A 3 band EQ used in API consoles from the 1970s combined into a 1U rack-mount format. We have taken the original 500 series designs of API founder Saul Walker's original 312 and 550A PCBs and merged them into this standalone compact package while still maintaining the classic API sound, reliability, long life, and uniformity that is characteristic of all other API products.

FEATURES:

1. 35 dB of adjustable microphone input gain
2. Polarity flip, 48 V phantom power, and 20 dB pad switches
3. Insert switch to activate rear EQ input connection for 550A EQ section instead of 312 output
4. 3 bands of EQ in discrete steps to a maximum of 12 dB boost or cut and 5 frequencies per band
5. 550A EQ IN switch
6. High and Low bands shelf/peak selection switches
7. Switchable band pass filter toggle switch
8. Vintage style analog VU meter (0VU = +4dBu) and peak LED (+18 dBu), selectable 312 or 550A output
Specifications

Gain Range: +34 dB tp +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

550A EQ Specifications:
Three Dual Concentric Rotary Switches:
  LF select: 50, 100, 200, 300, 400 Hz and stepped
degree of equalization -12 dB to +12 dB
  MF select: 400, 800, 1500, 3000, 5000 Hz and stepped
degree of equalization -12 dB to +12 dB
  HF select: 5000, 7000, 10K, 12.5K, 15K Hz and stepped
degree of equalization -12 dB to +12 dB

Push Button: Equalization In or Out, LED on when In
Push Button: LF range Peak or Shelf
Push Button: HF range Peak or Shelf
Toggle Switch: 50 Hz to 15 KHZ band-pass filter In or Out

Power Consumption: 18.5 Watts
Size: 19” x 1.75” (1U) x 11” deep
Size (Boxed for Shipping): 23.25” x 6.5” x 16.5”
Weight: 8.5 lbs
Shipping Weight: 12.1 lbs