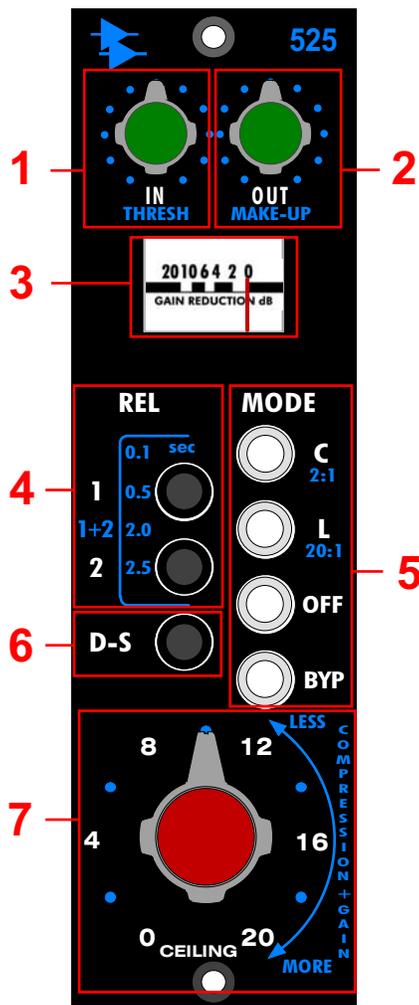
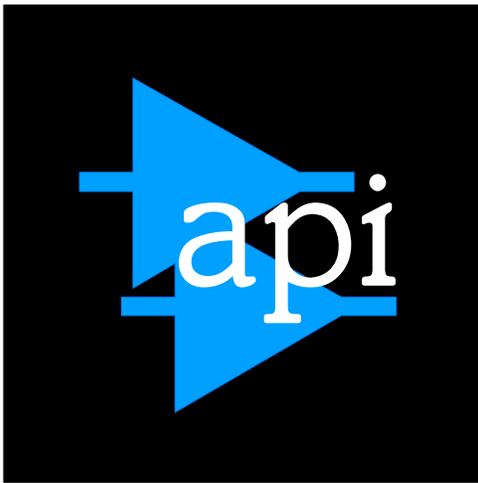


525 DISCRETE COMPRESSOR USER GUIDE



The API 525 is an exact reissue of API's original 525 discrete compressor released in the early 1970s. It artfully combines API's proprietary transformers and the 2510 and 2520 op-amps while exhibiting the reliability, long life, and uniformity which is characteristic of all API products.

FEATURES:

1. Input control adjusts threshold level
2. OUTput control adjusts output level or make-up gain
3. VU meter displays amount of gain reduction in dBs
4. RELEase switches select amount of compressor release time.
Both disengaged: 0.1 sec, 1 engaged: 0.5 sec, 2 engaged: 2.0 sec, 1 and 2 engaged: 2.5 sec
5. Compressor parameter controls, one setting selectable at a time.
 - Compression switch. Engaged: selects 2:1 compression ratio
 - Limit switch. Engaged: selects a 20:1 compression ratio
 - OFF switch. Engaged: shuts off gain reduction (unit still inline)
 - BYPass switch. Engaged: bypasses the unit with a relay (unit also bypasses if power fails)
6. Desser switch enable. Engaged: removes sibilance ("esses") from signal
7. CEILING knob. Increasing works the same as turning the threshold down and make-up gain up at the same time

The API 525 also comes with API's unique Five Year Warranty.

Specifications

Connector:	API 500 Edge Connector - VPR Alliance Compliant
Input Impedance:	60K Ohms, Balanced
Output Impedance:	75 Ohms, Transformer coupled, Balanced
Maximum Input Level:	+27 dBu
Maximum Output Level:	+28 dBu
Attack Time:	15 micro seconds
Release Time:	0.1, 0.5, 2.0, 2.5 seconds
Slopes:	Compression 2:1, Limit 20:1
Maximum Gain Reduction:	25 dB
Metering:	Illuminated Analog Gain Reduction dB Meter
Frequency Responce:	+/- 0.5 dB, 20 Hz to 40 kHz
Singal to Noise Ration:	112 dB
Power Consumption:	3 Watts - VPR Alliance Compliant
Unit Size:	1.5" x 5.25" x 7"
Shipping Size:	4.5" x 6.5" x 10"
Unit Weight:	1.8 lbs
Shipping Weight:	2.2 lbs