

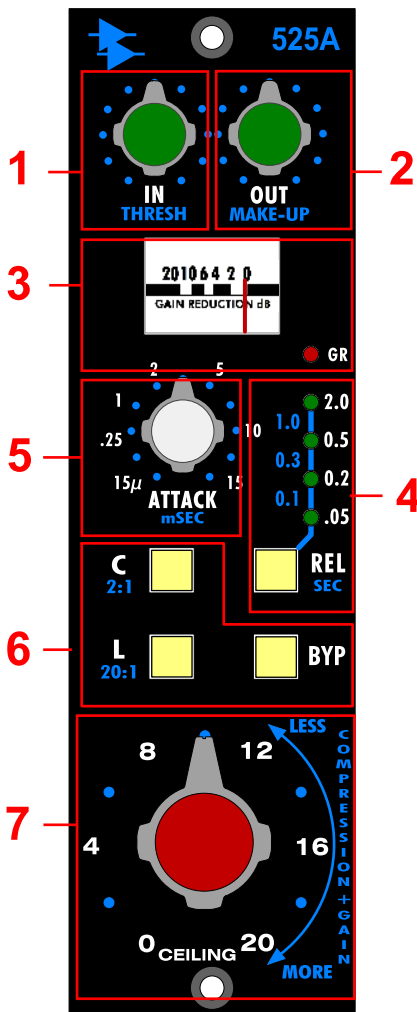


525A DISCRETE COMPRESSOR USER GUIDE

The API 525A is a reissue of API's original 525 discrete audio compressor released in the early 1970s with an additional continuously-variable Attack time control. It artfully combines API's proprietary transformers, 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. GAIN REDUCTION meter displays amount of gain reduction in dBs. GR LED illuminates when signal is above the set GR threshold.
4. RELease switch sets the compressor's release time (seconds). There are 7 modes indicated by the panel markings. 4 LEDs show the current setting. Single-LED settings are marked in white, dual-LED settings are in blue.
5. ATTACK control sets the compressor's attack time in milliseconds.
6. Compressor parameter controls:
 - Compression switch. Engaged: selects 2:1 compression ratio
 - Limit switch. Engaged: selects a 20:1 compression ratio
 - Both Compression and Limiting modes can be selected simultaneously for aggressive "all buttons in" limiting
 - If neither Compression or Limit is selected, the unit still passes signal through internal API circuitry (without gain reduction applied)
 - BYPass switch. Engaged: bypasses the unit with a relay (unit also bypasses if power fails)
7. CEILING knob. Increasing works the same as turning the threshold down and make-up gain up at the same time



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