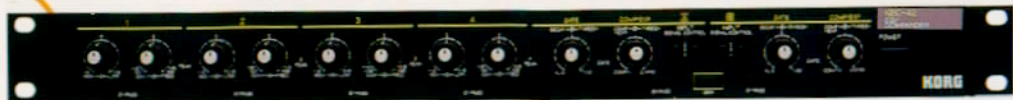


EQ/COMPANDER

KEC-42

EQ/COMPANDER

NEW

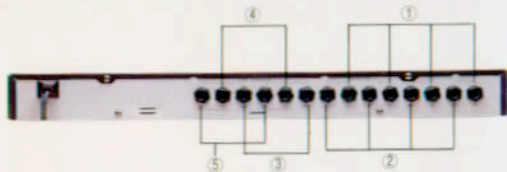


A studio quality multi-functional signal processor at a price everyone can afford.

The new KEC-42 multi-signal processor incorporates 4 independent EQ sections and 2 independent multi-function VCA circuits into a compact single space rack. Each EQ section consists of high and low shelving plus a peaking mid-range sweepable from 100 to 10K giving you complete control over the entire audio spectrum. The EQ sections can be used separately with independent INs and OUTs or ganged together for even greater flexibility. Each VCA circuit can function as a compressor, limiter or expander while simultaneously functioning as a noise gate. The two compander/gate sections can be easily linked in stereo. Perhaps the best thing about the KEC-42 is its ease of operation. Complex studio tricks like frequency dependent compression and noise gate keying that

usually require a patchbay and a bunch of cables are easily achieved with the flick of a switch using KORG's unique VCA Control Circuit. The KEC-42 is quiet and flexible enough for 48 track studios and inexpensive enough for 4 tracks. It's sure to satisfy all your analog signal processing needs.

SPECIFICATIONS/ ■EQ INPUT × 4: INPUT LEVEL (-10dBm) INPUT IMPEDANCE (100kΩ LINK 25kΩ) ■EXT INPUT (AUX × 2, KEY × 2): INPUT LEVEL (-10dBm), INPUT IMPEDANCE (50kΩ) ■OUTPUT × 6: OUTPUT LEVEL (-10dBm), OUTPUT IMPEDANCE (1kΩ) ■FREQUENCY RESPONSE: EQ (20Hz-20kHz±1dB), COMP(20Hz-20kHz, $\frac{1}{3}$ dB) ■S/N RATIO: EQ (90dB, EFFECT) COMP (88dB BYPASS/79dB EFFECT) ■EQUALIZER: SHELVING LOW (±20dB at 100Hz), HIGH±10dB at 10kHz), PARAMETRIC (±15dB, 100Hz, Q=1.5) ■COMPANDER, GATE: RATIO (∞:1-1.1-1.2), THRESHOLD LEVEL (-∞-+10dB), ATTACK TIME (2ms), RELEASE TIME (30ms-1.4s), HOLD TIME (100ms-1.5s) ■DIMENSIONS: 435 (w) × 249 (D) × 44 (H) mm ■WEIGHT: 2.6 kg ■ACCESSORY: Rack mount adaptors



EXPLANATION OF REAR PANEL

- ① EQ IN: Inputs for each equalizer. Keyboards, drum machines, tape tracks etc. are connected here.
- ② EQ OUT: Used as individual outputs of each equalizer. If nothing is connected, the outputs of EQ are bussed to the next EQ module are then to the compander circuit.
- ③ GATE COMP/EXP OUT: Output terminals for the companders. Normally used as the master output.
- ④ EXT AUX IN: Terminal for directly inputting to the companders. If this terminal is not used, the outputs of EQ are input directly.
- ⑤ EXT KEY IN: Terminal for directly inputting signals to control the companders. If this terminal is not used, the companders are controlled by the outputs from the EQ section.

OPTIONS ■1U RACK CASE HC-1U ■NUMBER CORD (3m/5m/7m)

DIGITAL TUNER