

NEW!
Glow-in-the-Dark
LED Status
Indicator
Same Great
Sound!



**Easy-Access
Battery
Compartment
No Tools
Required**



THE
ORIGINAL
RAT
Still Available

RAT 2

The Sequel to a Blockbuster

TRIED THE REST . . . ?

Researched and designed to produce a sound that is radically different from any "fuzztone" you've ever heard before — a sound as mellow as a vintage "twin", or as bone-crushingly powerful as a battery of those famous English stacks — instantly, at any volume.

Now the RAT 2 adds glow-in-the-dark *luminescent control graphics* and new *LED status indicator!* You'll never be "lost in the dark" again!

For those on tight budgets, the original RAT (without luminescence or LED indicator) is still available.

Smooth, continuously variable controls for distortion amount, filter cutoff and volume level let you preset just the right degree of overdrive, tune in on the presence without the tinny treble, and balance the output for the perfect extra boost.

Both models are housed in Pro Co's inimitably massive steel enclosure, with a simple-to-use "no tools required" battery compartment. Top grade components like a mil-spec glass-epoxy circuit board, conductive plastic controls and the heavy-duty industrial footswitch make for trouble-free reliability on the road.

Careful circuit design and integrated-circuit selection ensure extended battery life. For 120 VAC operation use the RPS-1 power supply.

The true bypass mode utilizes passive switching of both input and output from the signal path to eliminate the loss of power and clarity often caused by other devices. The LED indicator on the RAT 2 is driven by a unique FET sensor circuit to avoid the noise of unnecessary buffer stages and preserve the great RAT sound.

. . . THEN BUY THE BEST.

The Rat's smooth harmonic distortion puts the extra punch in rhythm work and makes solos cut through with authority, power and effortless sustain. Distortion, sustain, fuzz, overdrive. . . from the sweet wail of the blues to the grinding raunch of the heaviest metal . . .

STOMP ON A RAT.

SPECIFICATIONS

| | |
|----------------------------------|--|
| Input Impedance | 1 Megohm |
| Output Impedance | 1 Kilohm |
| Gain | 60 dB |
| Equivalent Input Noise | -110 dB |
| Filter | 6 dB/octave low-pass |
| Output Level | 1.2 volts peak-to-peak |
| Current Consumption/Battery Life | |
| RAT | 1mA/480 hrs. |
| RAT 2 | 3mA/160 hrs. |
| Power Requirements | 9V battery or external DC power supply (Mini-jack provided) |
| Dimensions | H 2 ⁷ / ₈ " x L 4 ¹ / ₁₆ " x W 3 ¹ / ₈ " |
| Weight | 1.7 lbs. |

Unplug the input cable to shut off the battery when not in use.



OPERATING INSTRUCTIONS FOR THE RAT

- BATTERY OPERATION:** For battery operation a high-quality 9-volt alkaline battery (Mallory MN1604 or equivalent) is recommended. THE RAT DOES NOT COME WITH THE BATTERY INSTALLED.
- BATTERY INSTALLATION:** Turn the unit over and remove the round knurled thumbscrew to remove battery compartment cover. Observing proper polarity, snap the battery terminals into the battery clip provided. Tuck the battery into the battery compartment (be sure the wires are safely inside). Replace the cover on the battery compartment and replace and tighten the thumbscrew.

IMPORTANT NOTE: Inserting a plug in the INPUT jack turns the battery on. The plug must be a standard 1/4" 2-conductor type such as a Switchcraft #280 or #228. "Stereo" (3-conductor) plugs, or 2-conductor plugs with long insulators between tip and sleeve (Switchcraft #288) will NOT work with THE RAT.
- POWER SUPPLIES:** The jack marked "+ 9VDC" between the INPUT and OUTPUT jacks disconnects the battery when a mini-plug is inserted in it. This allows the use of an external power supply or "AC adapter" (Pro Co RPS-1 or equivalent). The power supply should be well-filtered to minimize hum and should not exceed +15VDC. The current required is very low (approximately 5 mA).

WARNING! The power supply must use a negative ground (tip of plug must be positive). Use of negative supplies can result in damage to both THE RAT and the power supply. If THE RAT works on battery power but does not work when an external supply is connected the probability is almost 100% that the power supply is of the wrong polarity.

Disconnect it immediately to avoid damage!

- OPERATION:** Install a battery or connect a suitable power supply. Connect your instrument to the INPUT jack (for best results with guitars, set instrument controls to full). Connect your amplifier to the OUTPUT jack and set its controls as you normally would.

Set the controls on THE RAT as shown in Fig. 1. Press the footswitch to turn on the effect. This setting produces a "bluesy", soft-clipped distortion much like that of a small tube amp. Fig. 2 is a very "biting" lead sound with lots of harmonic emphasis; use the treble pick-up on your guitar and vary the DISTORTION control a bit to "home in" on the overtones for a subtle, fixed — "wah" effect. Fig. 3 is the bone-crunching heavy metal or fusion sound, yielding incredible power and smooth, effortless sustain.

