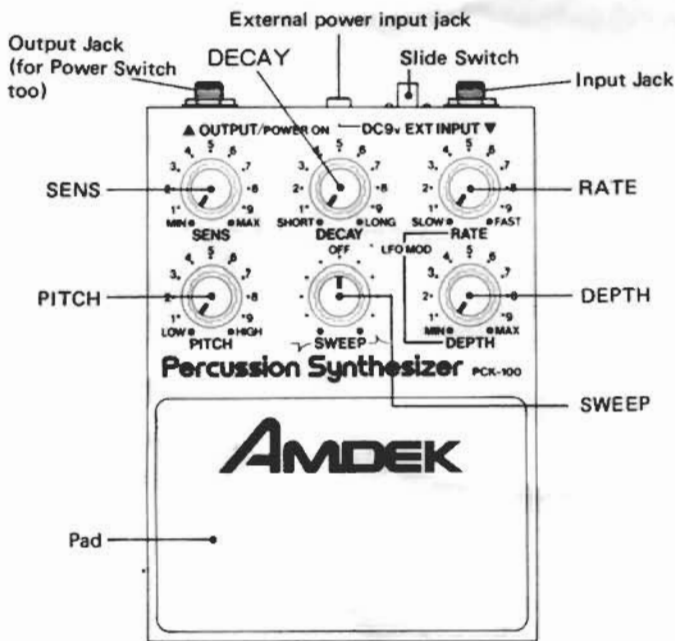


Panel Description

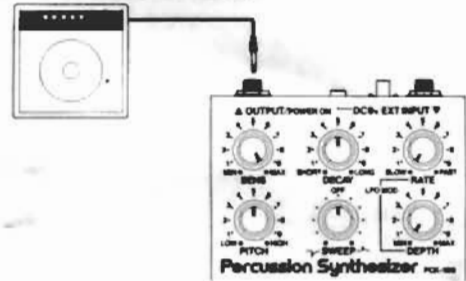


- Output Jack:** for connection to the input of an Amp or an Echo machine.
(The Output Jack also serves as a power switch, after playing always disconnect the Output Jack.)
- SENS:** for adjustment to match the beating force
To match to a light force, turn to CW (↻).
To obtain touch-sense effect, turn further so as to have on a slightly choked position.
- PITCH:** for control of the PITCH level.
- PADS:** This is the place to be beaten.
- DECAY:** for controlling the length of time before the sound disappears.
- External power:** for connection when the power unit, sold separately on option, is used.
- Slide Switch (User's switch):** for use for modifications
- Input Jack:** for use when PCK-100 is to be controlled by an external signal from a guitar, a computer or other source.
- RATE:** for speed adjustment of LFO (modulation oscillator).
- DEPTH:** for depth adjustment of LFO.
- SWEEP:** for control of sounds to sweep-up (turn the knob CCW) or sweep-down. At the center position there is no sweep.

Specifications

- Power source:** 006P battery or the power pack on option.
Power consumption: 9mA (DC 9V)
Controls: SENS, PITCH, DECAY, SWEEP, DEPTH, and Slide Switch (User's switch)
Terminals: INPUT, OUTPUT, and External power input
VCO Range: 85Hz – 3KHz
Decay Time: 30 msec – 5 sec
LFO Range: 2Hz – 400 Hz
Output Level: 0.5V p-p (at 1KHz)
Output Impedance: 10KΩ
Residual Noise: –80dB or less (1HF–A)
Outside Dimensions: 94 (W) x 64 (H) x 136 (D) mm

Inspection/Playing



1. Set the controls on PCK-100 in the positions, shown in the illustration. Then, connect to an Amplifier.
(Amp's volume should be turned down for this first setting.)
 2. Slowly turn up the Amp's volume. Tap on the Pad of the PCK-100. The sound "b-o-o-m" should be heard. If no sound is heard disconnect the plug of the output jack and check for low battery voltage and wiring mis-connections.
 3. When found normal in Step 2 above, check the controls for their functions. Try to produce sounds by referring to the Panel Description. If anything is abnormal or the effect is reversed check for mis-connections of the control wiring.
- * The unit generates such a wide frequency range that an ordinary guitar amp or a base amp will be unable to reproduce the full capability. So, use as far as possible, an amp having a broad output range such as for audio application or keyboard instrument, so that you may enjoy full percussion sounds.
 - * When the sounds become distorted or the controls behave abnormally replace the battery with new one.
 - * When a mic is directly connected to the input jack, it probably will not trigger sounds. This is because a mic is usually too low in output. Pre-amplification will normally be required to make a microphone drive the PCK-100.