BOSS

PC-2

Percussion Synthesizer

INSTRUCTIONS

The BOSS PC-2 is a percussion synthesizer featuring six controls allowing synth-drum, triangle and other various effect sounds. Also, velocity-sensitivity effect and attack sound circuit give realistic percussion sound. Moreover, it is possible to control the PC-2 by the external input signal of a guitar, etc.

AC & BATTERY POWERED

* Please read these instructions carefully.

SPECIFICATIONS

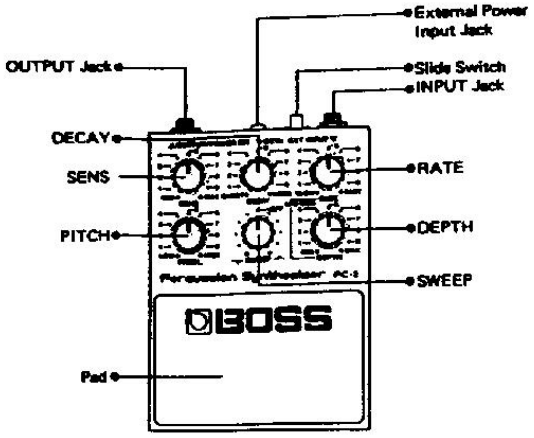
Power	9V dry battery or the optional power pack (BOSS PSA-120/220/240, AC Adaptor)
Consumption	9 mA (9V DC)
Controls	SENS, PITCH, DECAY, SWEEP, DEPTH, RATE
Switch	Slide Switch
Jacks	INPUT, OUTPUT, and External Power Input
VCO Range	85 Hz to 3 kHz
LFO Range	2 Hz to 400 Hz
Decay Time	30 ms to 5s
Output Level	0.5 Vp-p (at 1kHz)
Output Impedance	10 k ohm
Residual Noise	–80 dB or less (IHF-A)
Dimensions	94(W) x 64(H) x 136(D) mm 3-11/16(W) x 2-1/2(H) x 5-3/8(D) in.
Weight	470 g/1 lb 1 oz

* Specifications are subject to change without notice.

BOSS
Products of Roland

PC-2 '83 Sep. 8-3

PANEL DESCRIPTION



OUTPUT Jack
This is to connect to an amplifier or an echo machine. Plugging into this jack automatically turns the PC-2 on, so please disconnect the cord when not using the unit.

DECAY
This knob is to control the decay time. Rotating this knob clockwise (↻) increases the decay time.

SENS
This knob is to control the intensity of the velocity-sensitivity effect. As you turn it counterclockwise (↺), stronger velocity-sensitivity effect is obtained.

PITCH
This is to control the pitch. Rotating this knob clockwise (↻) raises the pitch.

Pad
This can be beaten hard or softly as you prefer.

External Power Input Jack
This is to connect the optional External Power Pack (BOSS PSA series, AC Adaptor).

Slide Switch
This is to change the output waveform of the built-in LFO.

INPUT Jack
This is used when the PC-2 is to be controlled by the external input signal of a guitar or an external computer etc.

RATE
This is to control the rate of the LFO. Rotating this knob clockwise (↻) quickens the speed.

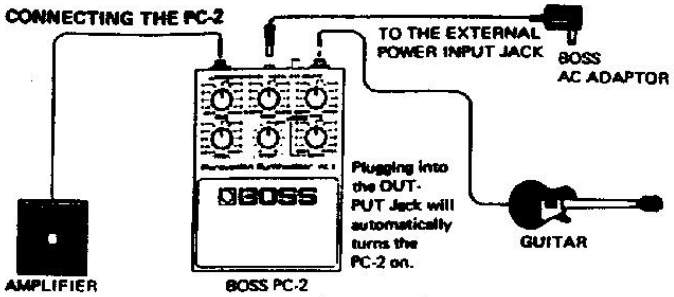
DEPTH
This knob controls the depth of the LFO Modulation. Rotating it clockwise (↻) deepens the Modulation.

SWEEP
This is to control the sweep effect. Rotate this knob counterclockwise (↺) to raise the pitch, and clockwise (↻) to drop the pitch. At its center position, the sweep effect cannot be obtained.

OPERATING THE PC-2

1. After connecting all cords required, set all knobs on the panel as illustrated.
2. Tap on the Pad, and 'boom' sound will be heard.
3. Now you may produce the sound you like referring to the Panel Description.
   * The PC-2 generates such a wide frequency range that an ordinary guitar amplifier or bass amplifier will be unable to reproduce the full capability. It is better to use an amplifier featuring a wide output range such as the one for audio application or keyboard so that you can get best ability of this PC-2.
   * If the PC-2 does not function properly or sound is distorted, replace the battery with a new one.
   * When a microphone is directly connected to the INPUT Jack, it probably will not produce sounds. This is because a microphone has too low output. Pre-amplification will normally be required to make a microphone drive the PC-2.

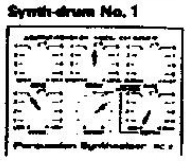
CONNECTING THE PC-2



Unplug this unit when it is not to be used. Be sure to unplug the connecting cord from the OUTPUT Jack.

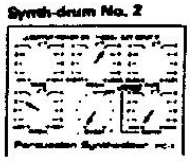
SAMPLE SOUNDS

Synth-drum No. 1



Set the Slide Switch to the right side.

Synth-drum No. 2



Set the Slide Switch to the right side.

UFO



Set the Slide Switch to the right side.

HT~MT~LT~BD (Drum)



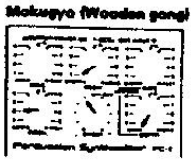
Be sure to set the SWEEP control as shown in the figure so that the sound effectively drops slightly.

Bell of Buddist temple



It can be varied by adjusting three conrols; PITCH, RATE and DEPTH.

Mokugyo (Wooden gong)



Be sure to set the SWEEP control as shown in the figure so that the sound effectively raises slightly.

Ambulance siren



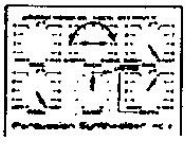
Set the Slide Switch to the right side.

Glass



Set the Slide Switch to the right side.

Metal



Set the Slide Switch to the right side.