

BOSS

PC-2

Percussion Synthesizer

INSTRUCTIONS

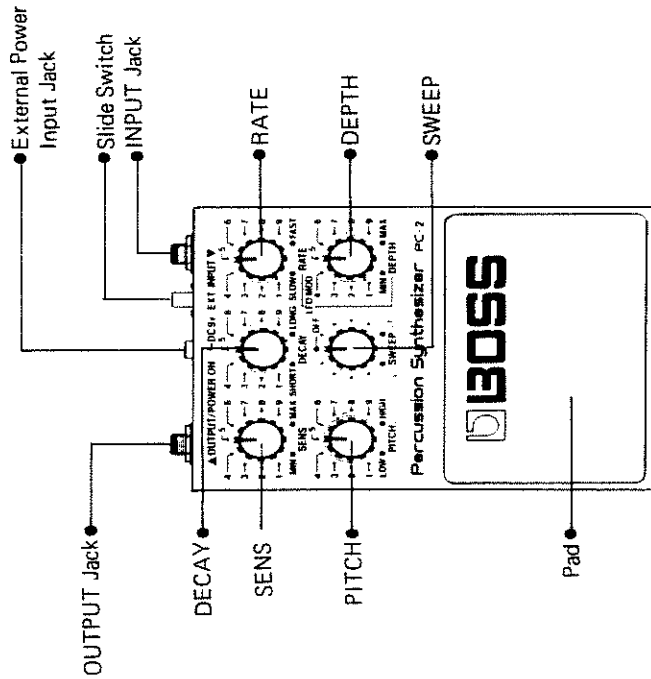
The BOSS PC-2 is a percussion synthesizer featuring six controls allowing synth - drum, triangle and other various effect sounds. Also, velocity-sensitivity effect and attack sound circuit give realistic percussion sound. Moreover, it is possible to control the PC-2 by the external input signal of a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



AC & BATTERY
POWERED

- Please read these instructions carefully.

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 illust-

rated.

2. Tap on the 'Pad' and 'boom' sound will be heard.

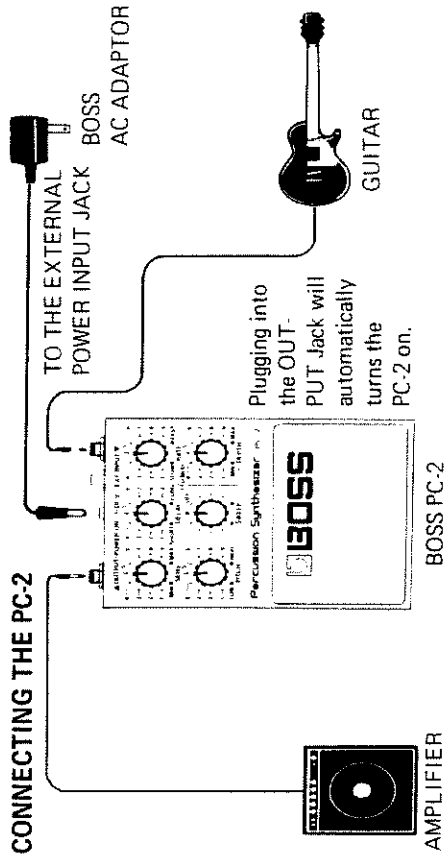
3. Now you may produce the sound you like referring to the Panel Description.

* 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.

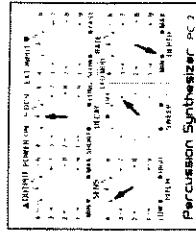
CONNECTING THE PC-2



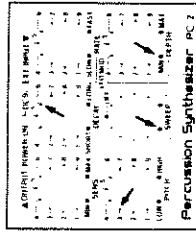
Unplug this unit when it is not to be used. Be sure to unplug the connecting cord from the OUTPUT Jack.

SAMPLE SOUNDS

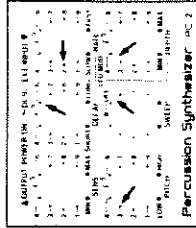
Synth-drum No. 1



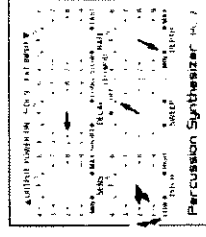
Synth-drum No. 2



UFO

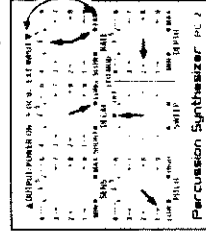


HT~MT~LT~BD (Drum)



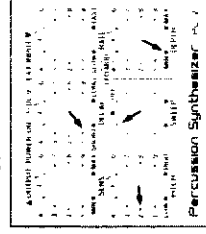
Be sure to set the SWEEP control as shown in the figure so that the sound effectively drops slightly.

Ball of Buddhist temple



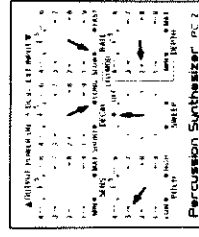
It can be varied by adjusting three controls; PITCH, RATE and DEPTH.

Mokugyo (Wooden gong)



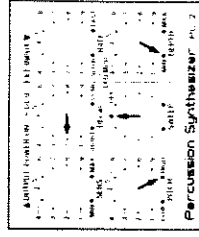
Be sure to set the SWEEP control as shown in the figure so that the sound effectively raises slightly.

Ambulance siren

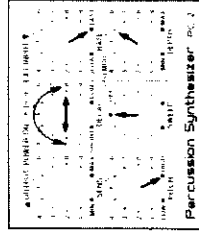


Set the Slide Switch to the right side.

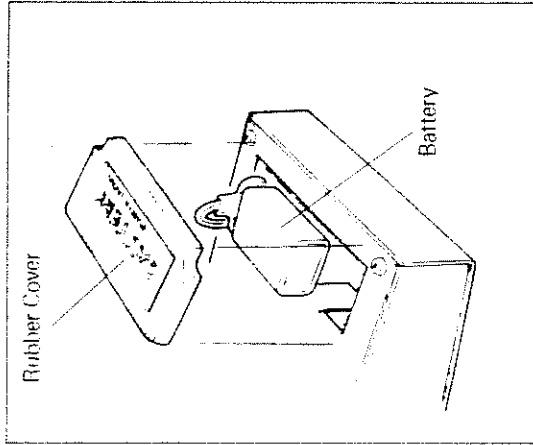
Glass



Metal



BATTERY REPLACEMENT



USE ONE 9-VOLT BATTERY

- 1 Remove the Rubber Cover and take out the battery from its housing.
- 2 Replace the battery with a new one and put it into position.
 - * Make sure that the polarity of the battery is correct.
- 3 Return the Rubber Cover.

CAUTIONS

- Avoid using the PC-2 at very dusty location or under high temperature or humidity conditions.
- When you do not use the PC-2 for a long period, remove the battery to prevent the trouble caused by battery leakage.
- Plugging into the OUTPUT Jack automatically turns the PC-2 on.
- When you do not use the PC-2, keep the plug off the jack.
- Be sure to keep the battery securely connected, even when using AC Adaptor.
- Even if the AC Adaptor cord comes out during performance, operation immediately changes to battery, causing no trouble in continued performance.

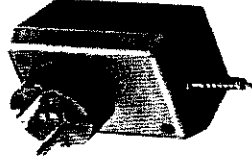
AC ADAPTOR BOSS PSA SERIES (OPTION)



BOSS PSA-120
FOR 117V AC



BOSS PSA-240
FOR 240V AC



BOSS PSA-220
FOR 220V AC

Use BOSS AC adaptor for AC operation. Using a different adaptor may cause improper operation or no sound.

- * The BOSS PSA series have red name plates on.

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.



Products of Roland

PC-2 '83 Dec. A-3

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