

BP-1W

Owner's Manual

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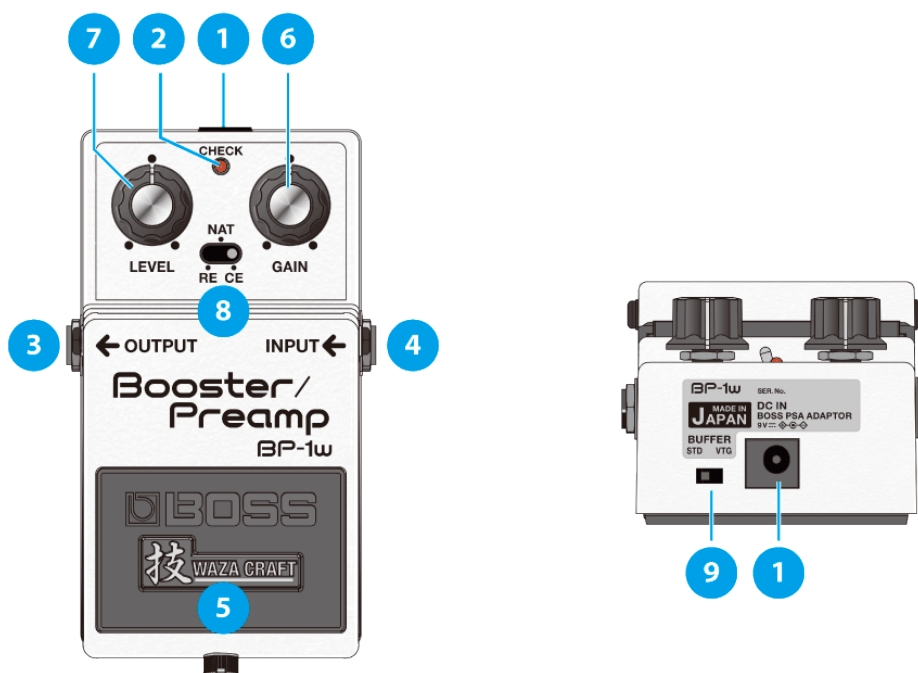
# BP-1W Owner's Manual



Before using this unit, carefully read "USING THE UNIT SAFELY" and "IMPORTANT NOTES" (the leaflet "USING THE UNIT SAFELY" and the Owner's Manual). After reading, keep the document(s) where it will be available for immediate reference.

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# Panel Descriptions



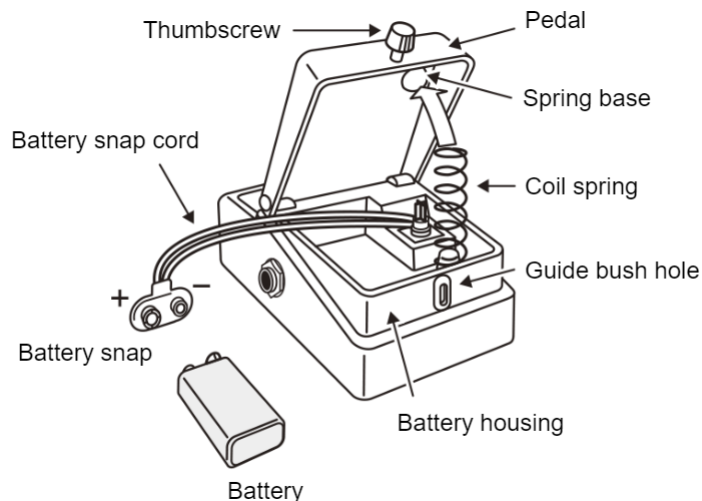
| Name              | Function  |    |  |               |  |
|-------------------|---|----|--|---------------|--|
| 1 DC IN jack      | <p>Use this jack to connect an AC adaptor (PSA series; sold separately). If you use the AC adaptor, you can play for a long time without worrying about running out of battery.</p> <ul style="list-style-type: none"> <li>* Use only the specified AC adaptor (PSA series; sold separately), and connect it to an AC outlet of the correct voltage.</li> <li>* If the AC adaptor is connected while power is on, the power supply is drawn from the AC adaptor.</li> </ul>   |    |  |               |  |
| 2 CHECK indicator | <p>This indicator shows whether an effect is ON/OFF, and doubles as the Battery Check indicator. The indicator lights when an effect is ON.</p> <ul style="list-style-type: none"> <li>* The brightness of the CHECK indicator (LED) will dim as the battery lowers. Replace the battery when the LED is dim or does not light. For details on how to replace, refer to “<a href="#">Changing the Batteries</a>(P.6)”.</li> </ul>   |    |  |               |  |
| 3 OUTPUT jack     | Connect this jack to your amplifier or effect unit.   |    |  |               |  |
| 4 INPUT jack      | <p>Connect the output of your electric guitar, other musical instruments or effect units to this jack.</p> <p>Use a 1/4" phone type (TS) ↔ 1/4" phone type (TS) cable to connect to this jack.</p> <ul style="list-style-type: none"> <li>* The INPUT jack also serves as the power switch. Power is turned on whenever a plug is inserted into the INPUT jack, and is turned off when the plug is disconnected. When not using the BP-1W, disconnect the cable that is connected to the INPUT jack.</li> </ul> <p>→ “<a href="#">Turning the power on/off</a>”</p> |    |  |               |  |
| 5 Pedal switch    | This switch turns the effects ON/OFF.   |    |  |               |  |
| 6 [GAIN] knob     | Adjusts the gain (intensity of distortion). Turning the knob clockwise increases the gain for more distortion.  |    |  |               |  |
| 7 [LEVEL] knob    | Adjusts the volume when the effect is used.   |    |  |               |  |
|                   | <ul style="list-style-type: none"> <li>* Turn this knob all the way counterclockwise to turn the sound off.</li> </ul>  |    |  |               |  |
| 8 [MODE] switch   | <p>Switches between sound variations.</p> <table border="1"> <tr> <td>RE</td><td>A warm, fat sound that recreates the distortion of the Roland RE-201 preamp, using a newly-designed circuit.</td></tr> <tr> <td>NAT (natural)</td><td>Gives a boost sound with a wide range.</td></tr> </table>  | RE | A warm, fat sound that recreates the distortion of the Roland RE-201 preamp, using a newly-designed circuit. | NAT (natural) | Gives a boost sound with a wide range. |
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| NAT (natural)     | Gives a boost sound with a wide range.  |    |  |               |  |



# Changing the Batteries

When operating on battery power only, the unit's indicator will become dim when battery power gets too low. Replace the battery as soon as possible.

- \* Batteries should always be installed or replaced before connecting any other devices. This way, you can prevent malfunction and damage.



1. **Hold down the pedal and loosen the thumbscrew, then open the pedal upward.**

You don't need to take the thumbscrew out completely to open the pedal.

2. **Remove the old battery from the battery housing, and remove the battery snap connected to it.**

3. **Connect the battery snap to the new battery, and place the battery inside the battery housing.**

Be sure to carefully observe the battery's polarity (+ versus -).

4. **Slip the coil spring onto the spring base on the back of the pedal, and then close the pedal.**

Carefully avoid getting the snap cord caught in the pedal, coil spring, and battery housing.

5. **Finally, hold down the pedal while tightening the thumbscrew into the guide bush hole.**

## Use of battery

- If operating this unit on batteries, please use alkaline batteries.
- If you handle batteries improperly, you risk explosion and fluid leakage. Make sure that you carefully observe all of the items related to batteries that are listed in "USING THE UNIT SAFELY" and "IMPORTANT NOTES".
- This device contains batteries when shipped from the factory. These are test batteries, which may not last as long as new batteries.
- The sound may distort if the batteries are nearly depleted. This is not a malfunction. If this happens, replace the batteries or use the AC adaptor (sold separately).

# Main specifications

|  |   |
|--|---|
| <b>Nominal Input Level</b>   | -20 dBu   |
| <b>Input Impedance</b>   | <b>Effect OFF</b><br>1 MΩ<br><b>Effect ON</b><br>1 MΩ (BUFFER switch: STD)<br>100 kΩ (BUFFER switch: VTG) |
| <b>Nominal Output Level</b>  | -20 dBu   |
| <b>Output Impedance</b>  | 1 kΩ  |
| <b>Recommended Load Impedance</b>  | 10 kΩ or greater  |
| <b>Bypass</b>  | Buffered bypass   |
| <b>Controls</b>  | GAIN knob<br>LEVEL knob<br>BUFFER switch (STD/VTG SW)<br>MODE switch<br>Pedal switch                      |
| <b>Indicator</b>   | CHECK indicator (Serves also as battery check indicator)  |
| <b>Connectors</b>  | INPUT jack: 1/4-inch phone type<br>OUTPUT jack: 1/4-inch phone type<br>DC IN jack                         |
| <b>Power Supply</b>  | Alkaline battery (9 V, 6LR61)<br>AC adaptor (PSA series: sold separately)                                 |
| <b>Current Draw</b>  | 60 mA   |
| <b>Expected battery life under continuous use<br/>(These figures will vary depending on the actual<br/>conditions of use.)</b> | Alkaline: Approx. 4.5 hours   |
| <b>Dimensions</b>  | 73 (W) x 129 (D) x 59 (H) mm<br>2-7/8 (W) x 5-1/8 (D) x 2-3/8 (H) inches                                  |
| <b>Weight (including battery)</b>  | 430 g<br>1 lb   |
| <b>Accessories</b>   | Leaflet "USING THE UNIT SAFELY"<br>Dry battery (9 V, 6LR61)   |
| <b>Options (sold separately)</b>   | AC adaptor: PSA series  |

\* 0 dBu = 0.775 Vrms

\* This document explains the specifications of the product at the time that the document was issued. For the latest information, refer to the Roland website.

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For the USA

### SUPPLIER'S DECLARATION OF CONFORMITY Compliance Information Statement

Model Name : BP-1W  
Type of Equipment : Guitar Effects  
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