

Thank you, and congratulations on your choice of the BOSS BCB-60 Pedal Board.

Before using this unit, carefully read the sections entitled: "USING THE UNIT SAFELY" and "IMPORTANT NOTES."

These sections provide important information concerning the proper operation of the unit. Additionally, in order to feel assured that you have gained a good grasp of every feature provided by your new unit, this manual should be read in its entirety. The manual should be saved and kept on hand as a convenient reference.

Copyright © 2003 BOSS CORPORATION

All rights reserved. No part of this publication may be reproduced in any form without the written permission of BOSS CORPORATION.

## ■ Main Features

### New Way to Secure Effects Pedals Works with All Types of Pedals, Lets You Arrange Them However You Like

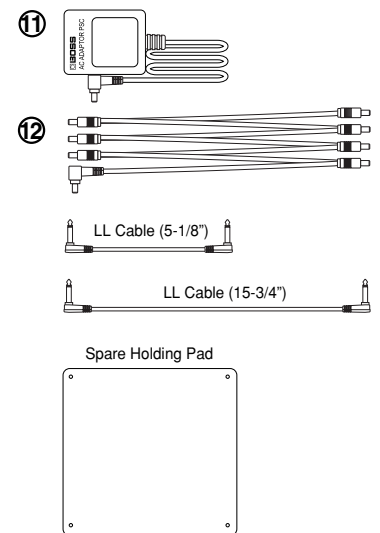
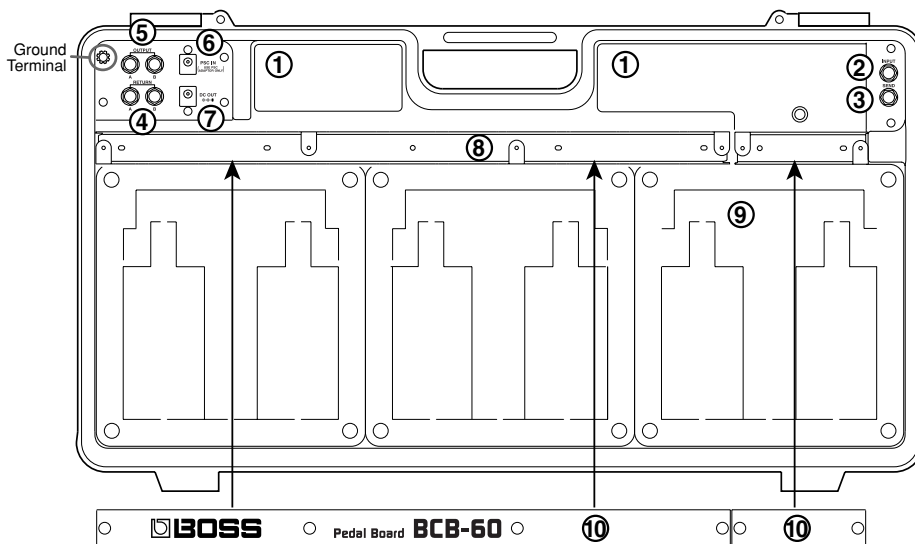
Now you can set up compact pedals as well as twin pedals simply and easily with holding pads; the pedal shapes are described in dotted lines right on the pads. These pads allow you to pull off and rearrange your pedals in seconds, without the need for double-sided tape. In addition, the BCB-60 comes with an unshaped holding pad blank, which you can cut to any desired shape, allowing you to use a wide variety of pedals.

### Power Supply Function

The BCB-60 comes with a high-capacity 1000-mA AC adaptor with five times the capacity of PSA-series adaptors, providing ample power for all of the effects pedals connected to the BCB-60.

### Super-Tough Blow-Molded Body

## ■ Panel Descriptions



### 1. Free Pockets

Use these for your AC adaptor, tuner, and other small items.

### 2. INPUT

Connect your guitar cable here.

### 3. SEND

Connect the input of the first effects pedal to be connected here. Use the included LL cable for this connection.

### 4. RETURN A/B

Connect the input of the effects pedal

### 5. OUTPUT A/B

Connect your guitar amp here.

(Signals input to RETURN A are output from OUTPUT A; signals input to RETURN B are output from OUTPUT B.)

\* The BCB-60 includes the two return and output pairs, A and B, for compatibility with stereo output effects. Use either A or B if your effects pedal's output is mono.

### 6. PSC IN

Connect the included PSC adaptor here.

\* Do not connect the PSC adaptor directly to the effects pedals.

### 7. DC OUT

This is the power supply connector for your effects pedals.

Accepts connection of the included 8pin parallel DC cable.

You can connect only effects pedals compatible with BOSS PSA and ACA adaptors.

\* When using effects pedals compatible with the BOSS ACA adaptor, be sure to route the guitar signal via the BCB-60's send and returns. Insufficient voltage is supplied to the effects pedals unless the signal is routed through the send and returns.

### 8. Wire Holder

The LL and 8pin parallel DC cables are secured in these spaces.

On both sides, the recessed spaces feature suitably sized gaps, making it easy to pull out just the cable you want.

### 9. Holding Pads

These pads are used to keep your effects firmly in place.

These pads can be attached and removed easily with the attachment screws at the pads' four corners.

Setting up BOSS compact pedals and twin pedals is easy—just cut along the dotted lines and remove the excess material.

To accommodate an effects pedal that has an unusual shape, use the provided unshaped pad blank, and cut it to match the shape of the pedal. This allows you to get a perfectly formed pad, even for a differently shaped pedal.

\* Exercise care when using cutting tools so as to avoid injury as you shape the holding pads.

### 10. Left Panel/Right Panel

These plates are used to hide the cables in the wire holder.

Secure the panels to the wire holder with the thumbscrews.

### 11. PSC Adaptor

This is a specialized power adaptor for the BCB-60.

Connect the L-shaped DC plug to PSC IN.

### 12. 8Pin Parallel DC Cable

Connect the L-shaped DC plug to DC OUT and other plugs to any effects pedal you want to connect.

Always put the supplied tubes on the plugs and keep them in the wire holder when not in use.

## ■ How to Connect

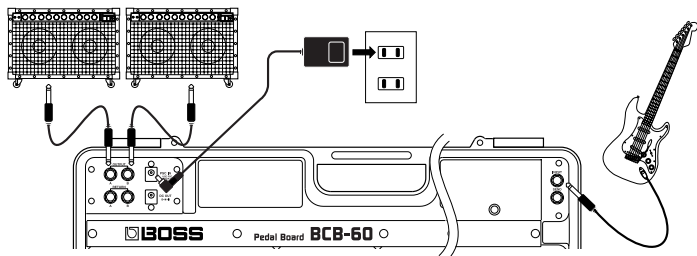
\* To prevent malfunction and/or damage to speakers or other devices, always turn down the volume, and turn off the power on all devices before making any connections.

\* Once the connections have been completed, turn on power to your various devices in the order specified. By turning on devices in the wrong order, you risk causing malfunction and/or damage to speakers and other devices.

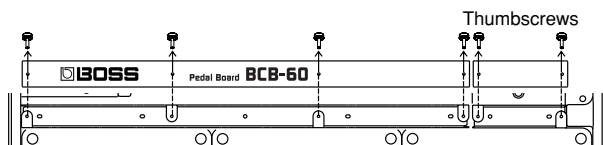
When powering up: Turn on the power to your guitar amp **last**.

When powering down: Turn off the power to your guitar amp **first**.

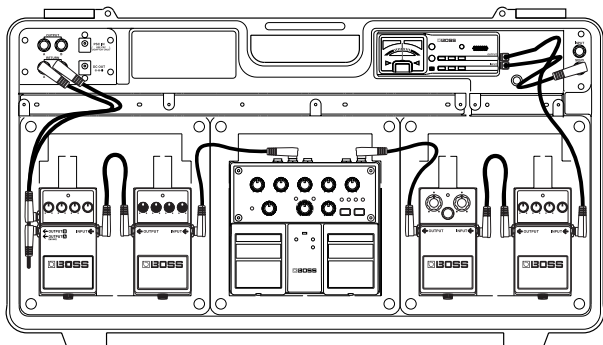
### 1. Connect your amps and guitar as shown in the figure.



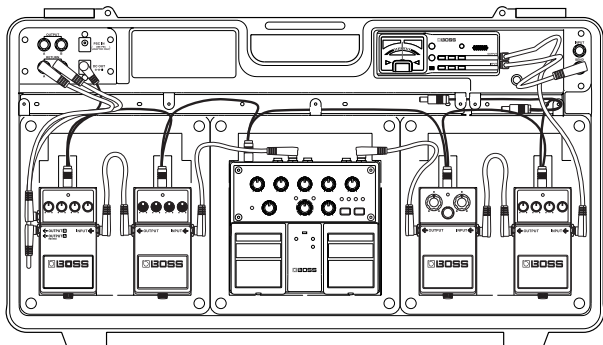
### 2. Remove the thumbscrews, and remove the left and right panels.



### 3. Use the LL cables to connect your effects pedals and tuner.

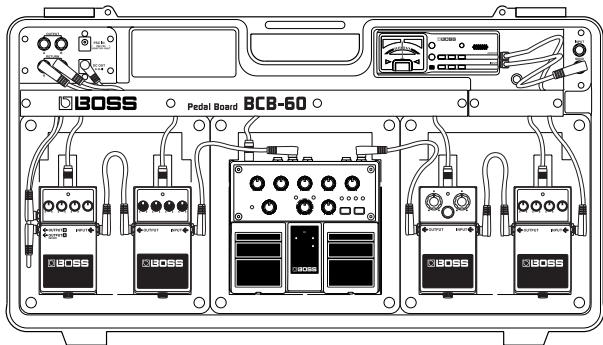


### 4. Connect the effects pedals with the 8pin parallel DC cable. Connect the L-shaped plug to DC OUT.



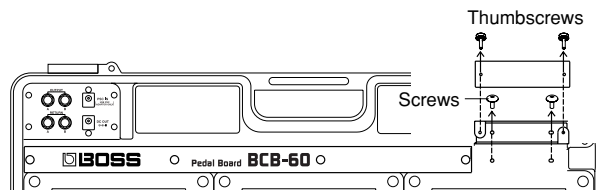
### 5. Attach the left and right panels using the thumbscrews removed in step 2.

## Examples of Compact Pedal and Twin Pedal Connections

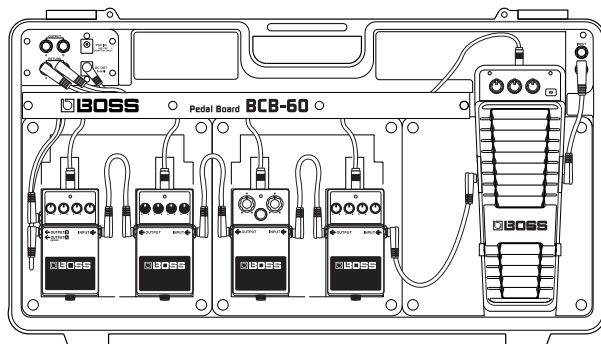


## Example of Connection Setup Incorporating a Wah Pedal

Remove the right panel, then use a Phillips head screwdriver to remove the two screws securing the wire holder under the right panel.



Attach the wah pedal as shown in the figure. Set the wah pedal's rubber feet in the depressions.



Cut the holding pad to the shape of the pedal to be attached.

\* Exercise care when using cutting tools so as to avoid injury as you shape the holding pads.

## ■ Main Specifications

Connectors: INPUT Jack (1/4" phone type)  
SEND Jack (1/4" phone type)  
RETURN A/B Jacks (1/4" phone type)  
OUTPUT A/B Jacks (1/4" phone type)  
PSC IN Jack, DC OUT Jack

Power Supply: DC 9 V: AC Adaptor (PSC series)

Dimensions: 670 (W) x 370 (D) x 100 (H) mm  
26-7/16 (W) x 14-5/8 (D) x 3-15/16 inches

Weight: 3.8 kg / 8 lbs 7 oz

Accessories: AC Adaptor (PSC series) 9 V, 1000 mA x 1  
8-pin Parallel DC Cable x 1  
LL Cable (1/4" L-shaped ↔ 1/4" L-shaped; 5-1/8" x 5  
LL Cable (1/4" L-shaped ↔ 1/4" L-shaped; 15-3/4" x 3  
Spare Holding Pad x 1  
Owner's Manual (This sheet)

\* In the interest of product improvement, the specifications and/or appearance of this unit are subject to change without prior notice.

# USING THE UNIT SAFELY

## INSTRUCTIONS FOR THE PREVENTION OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS

### About ⚠ WARNING and ⚠ CAUTION Notices

<b>⚠ WARNING</b>	Used for instructions intended to alert the user to the risk of death or severe injury should the unit be used improperly.
<b>⚠ CAUTION</b>	Used for instructions intended to alert the user to the risk of injury or material damage should the unit be used improperly. * Material damage refers to damage or other adverse effects caused with respect to the home and all its furnishings, as well to domestic animals or pets.

### About the Symbols

	The ⚠ symbol alerts the user to important instructions or warnings. The specific meaning of the symbol is determined by the design contained within the triangle. In the case of the symbol at left, it is used for general cautions, warnings, or alerts to danger.
	The 🔥 symbol alerts the user to items that must never be carried out (are forbidden). The specific thing that must not be done is indicated by the design contained within the circle. In the case of the symbol at left, it means that the unit must never be disassembled.
	The ⏏ symbol alerts the user to things that must be carried out. The specific thing that must be done is indicated by the design contained within the circle. In the case of the symbol at left, it means that the power-cord plug must be unplugged from the outlet.

### ALWAYS OBSERVE THE FOLLOWING

#### ⚠ WARNING

- Before using this unit, make sure to read the instructions below, and the Owner's Manual.
- Do not open (or modify in any way) the unit or its AC adaptor.
- Do not attempt to repair the unit, or replace parts within it (except when this manual provides specific instructions directing you to do so). Refer all servicing to your retailer, the nearest Roland Service Center, or an authorized Roland distributor, as listed on the "Information" page.
- Never use or store the unit in places that are:
  - Subject to temperature extremes (e.g., direct sunlight in an enclosed vehicle, near a heating duct, on top of heat-generating equipment); or are
  - Damp (e.g., baths, washrooms, on wet floors); or are
  - Humid; or are
  - Exposed to rain; or are
  - Dusty; or are
  - Subject to high levels of vibration.
- Make sure you always have the unit placed so it is level and sure to remain stable. Never place it on stands that could wobble, or on inclined surfaces.
- Be sure to use only the AC adaptor supplied with the unit. Also, make sure the line voltage at the installation matches the input voltage specified on the AC adaptor's body. Other AC adaptors may use a different polarity, or be designed for a different voltage, so their use could result in damage, malfunction, or electric shock.
- When using a DC 9 V Out jack, make sure that the total current consumption of this unit and other effects being supplied does not exceed 1000 mA.
- Do not excessively twist or bend the power cord, nor place heavy objects on it. Doing so can damage the cord, producing severed elements and short circuits. Damaged cords are fire and shock hazards!

#### ⚠ WARNING

- This unit, either alone or in combination with an amplifier and headphones or speakers, may be capable of producing sound levels that could cause permanent hearing loss. Do not operate for a long period of time at a high volume level, or at a level that is uncomfortable. If you experience any hearing loss or ringing in the ears, you should immediately stop using the unit, and consult an audiologist.
- Do not allow any objects (e.g., flammable material, coins, pins); or liquids of any kind (water, soft drinks, etc.) to penetrate the unit.
- Immediately turn the power off, remove the AC adaptor from the outlet, and request servicing by your retailer, the nearest Roland Service Center, or an authorized Roland distributor, as listed on the "Information" page when:
  - The AC adaptor or the power-supply cord has been damaged; or
  - If smoke or unusual odor occurs
  - Objects have fallen into, or liquid has been spilled onto the unit; or
  - The unit has been exposed to rain (or otherwise has become wet); or
  - The unit does not appear to operate normally or exhibits a marked change in performance.
- In households with small children, an adult should provide supervision until the child is capable of following all the rules essential for the safe operation of the unit.
- Protect the unit from strong impact. (Do not drop it!)
- Do not force the unit's power-supply cord to share an outlet with an unreasonable number of other devices. Be especially careful when using extension cords—the total power used by all devices you have connected to the extension cord's outlet must never exceed the power rating (watts/ amperes) for the extension cord. Excessive loads can cause the insulation on the cord to heat up and eventually melt through.
- Before using the unit in a foreign country, consult with your retailer, the nearest Roland Service Center, or an authorized Roland distributor, as listed on the "Information" page.

#### ⚠ CAUTION

- The unit and the AC adaptor should be located so their location or position does not interfere with their proper ventilation.
- Always grasp only the output plug or the body of the AC adaptor when plugging into, or unplugging from, this unit or an outlet.
- Any accumulation of dust between the AC adaptor and the power outlet can result in poor insulation and lead to fire. Periodically wipe away such dust with a dry cloth. Also, disconnect the power plug from the power outlet whenever the unit is to remain unused for an extended period of time.
- Try to prevent cords and cables from becoming entangled. Also, all cords and cables should be placed so they are out of the reach of children.
- Never climb on top of, nor place heavy objects on the unit.
- Never handle the AC adaptor body, or its plugs, with wet hands when plugging into, or unplugging from, an outlet or this unit.
- Before moving the unit, disconnect the AC adaptor and all cords coming from external devices.
- Before cleaning the unit, turn off the power and unplug the AC adaptor from the outlet.
- Whenever you suspect the possibility of lightning in your area, disconnect the AC adaptor from the outlet.
- Be careful when opening/closing the lid so you do not get your fingers pinched.
- Should you remove thumbscrew, make sure to put them in a safe place out of children's reach, so there is no chance of them being swallowed accidentally.

## ■ IMPORTANT NOTES

In addition to the items listed under "USING THE UNIT SAFELY", please read and observe the following:

### Power Supply: Use of Batteries

- Do not use this unit on the same power circuit with any device that will generate line noise (such as an electric motor or variable lighting system).
- The AC adaptor will begin to generate heat after long hours of consecutive use. This is normal, and is not a cause for concern.

- Before connecting this unit to other devices, turn off the power to all units. This will help prevent malfunctions and/or damage to speakers or other devices.

### Placement

- This device may interfere with radio and television reception. Do not use this device in the vicinity of such receivers.
- Noise may be produced if wireless communications devices, such as cell phones, are operated in the vicinity of this unit. Such noise could occur when receiving or initiating a call, or while conversing. Should you experience such problems, you should relocate such wireless devices so they are at a greater distance from this unit, or switch them off.
- Do not expose the unit to direct sunlight, place it near devices that radiate heat, leave it inside an enclosed vehicle, or otherwise subject it to temperature extremes. Excessive heat can deform or discolor the unit.
- When moved from one location to another where the temperature and/or humidity is very different, water droplets (condensation) may form inside the unit. Damage or malfunction may result if you attempt to use the unit in this condition. Therefore, before using the unit, you must allow it to stand for several hours, until the condensation has completely evaporated.

### Maintenance

- For everyday cleaning wipe the unit with a soft, dry cloth or one that has been slightly dampened with water. To remove stubborn dirt, use a cloth impregnated with a mild, non-abrasive detergent. Afterwards, be sure to wipe the unit thoroughly with a soft, dry cloth.
- Never use benzine, thinners, alcohol or solvents of any kind, to avoid the possibility of discoloration and/or deformation.

### Additional Precautions

- Use a reasonable amount of care when using the unit's buttons, sliders, or other controls; and when using its jacks and connectors. Rough handling can lead to malfunctions.
- When connecting / disconnecting all cables, grasp the connector itself—never pull on the cable. This way you will avoid causing shorts, or damage to the cable's internal elements.
- To avoid disturbing your neighbors, try to keep the unit's volume at reasonable levels (especially when it is late at night).
- When you need to transport the unit, package it in the box (including padding) that it came in, if possible. Otherwise, you will need to use equivalent packaging materials.
- Use a cable from Roland to make the connection. If using some other make of connection cable, please note the following precautions.
  - Some connection cables contain resistors. Do not use cables that incorporate resistors for connecting to this unit. The use of such cables can cause the sound level to be extremely low, or impossible to hear. For information on cable specifications, contact the manufacturer of the cable.
- Depending on the circumstances of a particular setup, you may experience a discomforting sensation, or perceive that the surface feels gritty to the touch when you touch this device, microphones connected to it, or the metal portions of other objects, such as guitars. This is due to an infinitesimal electrical charge, which is absolutely harmless. However, if you are concerned about this, connect the ground terminal (see figure in "Panel Descriptions") with an external ground. When the unit is grounded, a slight hum may occur, depending on the particulars of your installation. If you are unsure of the connection method, contact the nearest Roland Service Center, or an authorized Roland distributor, as listed on the "Information" page. Unsuitable places for connection
  - Water pipes (may result in shock or electrocution)
  - Gas pipes (may result in fire or explosion)
  - Telephone-line ground or lightning rod (may be dangerous in the event of lightning)

