BOSS FS-1-WL WIRELESS FOOT SWITCH

Owner's Manual

English

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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.

An Overview of the FS-1-WL

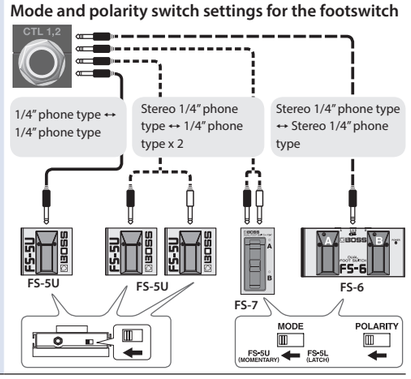
The FS-1-WL is a footswitch that can be used wirelessly.

- This unit lets you control apps on your smartphone or computer (such as apps for turning pages, YouTube, DAWs and so on).
- You can also control electronic musical gear (such as amps and effect units) or MIDI-compatible devices like your smartphone or computer.

Refer to the "FS-1-WL Connection Guide" for details on how to connect this device to your smartphone/computer or to your BOSS/Roland product.

https://roland.cm/fs-1-wl_om

Panel Descriptions

Name		Explanation
1	Pedal switch / indicator (L, C, R)	Depress a pedal switch to control the connected device. The pedal indicator lights up when the pedal switch is on.
2	POWER indicator	This indicator lights when the [POWER] switch is turned on. **Lit green**: There is sufficient battery power. **Lit red**: The battery will be depleted in an hour.
3	[POWER] switch	Turns the power on/off. **MIDI**: The unit uses MIDI mode. **HID**: The unit uses HID mode.
4	DC IN jack	Connect an AC Adaptor (PSA series; sold separately) to this jack. * Use only the specified AC adaptor (PSA series; sold separately), and connect it to an AC outlet of the correct voltage. * If the AC adaptor is connected while power is on, the power supply is drawn from the AC adaptor.
5	CTL1, 2 jacks	Connect a footswitch (FS-5U, FS-6 or FS-7, sold separately) to these jacks. You can use a footswitch to control different MIDI/HID data than the data you can control with the pedal switches. **Mode and polarity switch settings for the footswitch** 
6	EXP jack	Connect an expression pedal (such as a Roland EV-5; sold separately). This lets you control MIDI control change (CC) numbers from this unit. * Use only the specified expression pedal. Connecting expression pedals made by third-party manufacturers may cause this unit to malfunction.
7	MIDI OUT connector	Connect this to the MIDI IN connector of an external MIDI device with a TRS/MIDI connecting cable (BMIDI-5-35, sold separately). * Do not use this connector for connecting to audio devices. Doing so may cause a malfunction.
8	USB port	Use a commercially available USB cable to connect this unit to the USB port on your computer. This allows the FS-1-WL to operate as a USB MIDI device. There is no need to install a driver. * HID signals are not outputted.
9	[Bluetooth] (INSTRUMENT) button/indicator	Pairs this unit with an electronic musical instrument. **Lit**: Connected **Blink**: Now pairing **Unlit**: Not connected
10	[Bluetooth] (Smartphone/PC) button/indicator	Pairs this unit with your smartphone or computer. **Lit**: Connected **Blink**: Now pairing **Unlit**: Not connected

* To prevent malfunction and equipment failure, always turn down the volume, and turn off all the units before making any connections.

Wirelessly Operating an App on Your Smartphone/Computer (HID Mode)

In HID mode, you can use this unit instead of a keyboard to control apps on your smartphone or computer, such as apps for turning pages, YouTube, DAWs and so on.

You can select from three types of settings (memories) to operate the target device, depending on the app you're using.

Memory	Recommended app	PEDAL L	PEDAL C	PEDAL R	CTL1	CTL2
1 (default value)	Sheet music app	←	→	Home	↓	↑
2	YouTube	←	Space	→	<	>
3	DAW	Enter/ Return	Space	R	↓	↑

You can use the dedicated app, "FS-1-WL Editor" to customize the settings.

For details on the dedicated app, see the BOSS website.

https://www.boss.info/

Selecting a Memory

1. **Press and hold down a pedal switch to turn the power on and set the unit to HID mode.**

Memory 1	Pedal switch L
Memory 2	Pedal switch C
Memory 3	Pedal switch R

The selected memory is saved even if you turn off the power.

Connecting with a Smartphone/Computer (Pairing)

1. **Select a memory that's appropriate for the app you're using.**
2. **Turn this unit on in HID mode.**
3. **Press the [Bluetooth] (Smartphone/PC) button.**
   The indicator blinks.
4. **Connect the FS-1-WL to your smartphone or computer from that device's settings screen.**
   The indicator lights up when the connection has been established.

Operating a MIDI Device (MIDI Mode)

In MIDI mode, you can control electronic musical gear (such as amps and effect units) or MIDI-compatible devices like your smartphone or computer.

Instead of using a wireless connection, you can also connect via cable to the MIDI OUT connector or USB port.

You can use the dedicated app, "FS-1-WL Editor" to customize the settings.

For details on the dedicated app, see the BOSS website.

https://www.boss.info/

MIDI CC numbers (default value)

Parameter	MIDI CC#
PEDAL L	80
PEDAL C	81
PEDAL R	82
EXP	11
CTL1	85
CTL2	86

Connecting to an Electronic Musical Instrument (Pairing)

1. **Turn this unit on in MIDI mode.**
2. **Press the [Bluetooth] (INSTRUMENT) button.**
   The indicator blinks.
3. **Connect your electronic musical instrument to the FS-1-WL via Bluetooth.**
   The indicator lights up when the connection has been established.

MEMO

For details on how to connect, refer to the owner's manual of your electronic musical instrument.

Connecting with a Smartphone/Computer (Pairing)

1. **Turn this unit on in MIDI mode.**
2. **Press the [Bluetooth] (Smartphone/PC) button.**
   The indicator blinks.
3. **Connect the smartphone/computer and FS-1-WL from the application you want to control.**
   The indicator lights up when the connection has been established.

Replacing the Batteries

Insert the batteries in the correct direction as shown in the illustration.

* To prevent this product from operating incorrectly or malfunctioning, insert or replace the batteries before connecting this product to another device.
* Use alkaline batteries if you are running the unit on battery power.
* When turning the unit over, handle the unit carefully; do not drop it.
* 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" (leaflet "USING THE UNIT SAFELY" and the Owner's Manual).

Restoring the Factory Settings (Factory Reset)

1. **Disconnect any cables that are plugged into the CTL1,2, EXP, USB or MIDI OUT connectors and jacks.**
2. **Hold down the [Bluetooth] (Smartphone/PC) button to turn the power on and set this unit to MIDI mode.**
   The POWER indicator blinks green, and the pedal indicator R blinks blue.
3. **Press the pedal switch R.**
   This executes the factory reset.
   The pedal indicator R blinks red while the factory reset is in progress.

* Do not turn off the power while the indicator is blinking red.

Main Specifications

Power supply	Alkaline battery (AAA, LR03) x 2, AC adaptor (sold separately)
Current draw	65 mA
Expected battery life under continuous use	Alkaline battery: 14 hours * These figures will vary depending on the actual conditions of use.
Dimensions	207 (W) x 77 (D) x 32 (H) mm, 8-3/16 (W) x 3-1/16 (D) x 1-5/16 (H) inches
Weight (including batteries)	258 g, 10 oz
Accessories	Owner's Manual, Leaflet "USING THE UNIT SAFELY", Alkaline battery (AA, LR03) x 2
Options (sold separately)	AC adaptor: PSA series Footswitch: FS-5U Dual footswitch: FS-6, FS-7 Expression pedal: EV-30, FV-500L, FV-500H, Roland EV-5 TRS/MIDI connecting cable: BMIDI-5-35, BMIDI-1-35, BMIDI-2-35, BCC-1-3535, BCC-2-3535

* 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.

IMPORTANT NOTES

Power Supply: Use of Batteries

- If operating this unit on batteries, please use alkaline batteries.
- Even if batteries are installed, the unit will turn off if you connect or disconnect the power cord from the AC outlet while the unit is turned on, or if you connect or disconnect the AC adaptor from the unit. You must turn off the power before you connect or disconnect the power cord or AC adaptor.

Repairs and Data

- Before sending the unit away for repairs, be sure to write down the needed information. Although we will do our utmost to preserve the data stored in your unit when we carry out repairs, in some cases, such as when the memory section is physically damaged, restoration of the stored content may be impossible. Roland assumes no liability concerning the restoration of any stored content that has been lost.

Additional Precautions

- Any data stored within the unit can be lost as the result of equipment failure, incorrect operation, etc. To protect yourself against the irretrievable loss of data, be sure to write down the needed information.
- Roland assumes no liability concerning the restoration of any stored content that has been lost.

Caution Regarding Radio Frequency Emissions

- The following actions may subject you to penalty of law.
  - Disassembling or modifying this device.
  - Removing the certification label affixed to the back of this device.
  - Using this device in a country other than where it was purchased

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For the USA

SUPPLIER'S DECLARATION OF CONFORMITY
Compliance Information Statement

Model Name : FS-1-WL
Type of Equipment : Wireless foot switch
Responsible Party : Roland Corporation U.S.
Address : 5100 S. Eastern Avenue Los Angeles, CA 90040-2938
Telephone : (323) 890-3700

Patent: roland.cm/patents

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