

Using the FS-1-WL Editor

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01

This manual explains how to connect the FS-1-WL unit and FS-1-WL Editor app, and how to operate the FS-1-WL Editor.

Use **Bluetooth**® to connect for the smartphone app, and use USB to connect for the computer app.

- * You must update the FS-1-WL to Ver.1.02 or later to use the FS-1-WL Editor.

<https://www.boss.info/support/>

Connecting the FS-1-WL to FS-1-WL Editor (Android)

- 1. Power-on the FS-1-WL unit and the mobile device.**

To edit MIDI information, power up the FS-1-WL in MIDI mode.
To edit HID information, power up the FS-1-WL in HID mode.
- 2. In your mobile device's settings, turn Bluetooth switch on.**

NOTE

Even if the devices list on the mobile device shows "FS-1-WL" or "FS-1-WL+", don't tap these.

- 3. Press the FS-1-WL's [Bluetooth] (Smartphone/PC) button.**

The unit enters pairing mode, and the Bluetooth indicator blinks blue.

- * If the devices do not pair after one minute has passed, pairing mode is automatically canceled. To disconnect, long-press the [Bluetooth] (Smartphone/PC) button.

- 4. Launch the “FS-1-WL Editor” app that you installed on your mobile device.**
- 5. Tap [Bluetooth MIDI DEVICE] that appears on the app you launched, and turn location data on.**
 - * Note that the FS-1-WL Editor does not use location data.
- 6. Tap “FS-1-WL”.**

On the mobile device screen, verify that “*” is shown at the upper right of FS-1-WL. The Bluetooth indicator on the FS-1-WL stops blinking and remains lit when pairing is finished.

 - * “FS-1-WL+” appears if the unit is already paired to another device.
 - * If “FS-1-WL” is not shown, tap “SCAN” at the very bottom of the Bluetooth Devices screen to scan again.
- 7. If “Bluetooth Pairing Request” appears, tap “Pair”.**
- 8. Tap the back button on your mobile device to return to the previous screen.**
- 9. Verify that “FS-1-WL” is shown for “CONNECT” on the app.**
- 10. Tap [OK] to start communication.**

If You Can't Connect

Check the following points.

Items to Check	Cause/Action
Is Bluetooth activated on your mobile device?	Make sure that Bluetooth has been activated on your mobile device.
Is the Bluetooth (Smartphone/PC) indicator on the FS-1-WL is blinking blue?	If the indicator is not blinking blue, the FS-1-WL is not in pairing mode. Press the [Bluetooth] (Smartphone/PC) button to make the indicator blink blue.
Is the Bluetooth (INSTRUMENT) indicator on the FS-1-WL is blinking white?	Use the [Bluetooth] (INSTRUMENT) button when you want to connect to an electronic musical instrument. Press the [Bluetooth] (Smartphone/PC) button to make the indicator blink blue.
Is location data turned off?	Turn on the location data setting of your mobile device. As per the specifications of Android OS (Android 6.0 and later), you need to turn location data on to enable Bluetooth.
Is the unit paired with "FS-1-WL" or "FS-1-WL+"?	When pairing, tap "FS-1-WL" in Bluetooth MIDI Device setting on the app, instead of Bluetooth setting on your mobile device. When you turn the Bluetooth switch of your mobile device on, "FS-1-WL" or "FS-1-WL+" might appear in the devices list, but you should not tap them. If you did accidentally tap them, follow the steps shown in "Quit all apps on your mobile device, and retry pairing" (p. 6).

If you checked the above points and took the appropriate measures but you still cannot connect, try the following.

Items to Check	Cause/Action
Try pairing again	Following the instructions in "Quit all apps on your mobile device, and retry pairing" (p. 6)", quit all apps currently running on your mobile device and try pairing again.
Turn the power off and on again	Follow the instructions in "Turn the mobile device and the FS-1-WL off and then on again" (p. 7) to try pairing again.

- * If you've tried all of the above and still can't connect, contact your dealer or a Roland customer service center.

Quit all apps on your mobile device, and retry pairing

Quit all apps that are running on your mobile device.

- 1. Tap the Android multitasking button and swipe up on the app screen.**

* The procedure for closing apps may differ depending on your mobile device. Use the method that's appropriate for your device to close the apps.

- 2. Tap the gear icon for FS-1-WL in "Paired devices", and tap "Unpair".**

- 3. Turn the Bluetooth switch off.**

* The procedure for unpairing described in step 2–3 may differ depending on your mobile device.

- 4. Start pairing again by following the steps in "Connecting the FS-1-WL to FS-1-WL Editor (Android)" (p. 2).**

Turn the mobile device and the FS-1-WL off and then on again

- 1. Turn off the mobile device and the FS-1-WL.**
 - 2. Wait for about 10 seconds and turn the power on again.**
 - 3. Start pairing again by following the steps in “Connecting the FS-1-WL to FS-1-WL Editor (Android)” (p. 2).**
- * If you are still unable to connect with the app even after taking these measures, please contact the Roland customer service center.

Connecting the FS-1-WL to FS-1-WL Editor (iOS)

1. Power-on the FS-1-WL unit and the mobile device.

To edit MIDI information, power up the FS-1-WL in MIDI mode.

To edit HID information, power up the FS-1-WL in HID mode.

2. In your mobile device's settings, turn Bluetooth switch on.

NOTE

Even if the devices list on the mobile device shows "FS-1-WL" or "FS-1-WL+", don't tap these.

3. Press the FS-1-WL's [Bluetooth] (Smartphone/PC) button.

The unit enters pairing mode, and the Bluetooth indicator blinks blue.

- * If the devices do not pair after one minute has passed, pairing mode is automatically canceled. To disconnect, long-press the [Bluetooth] (Smartphone/PC) button.

4. Launch the “FS-1-WL Editor” app that you installed on your mobile device.
5. Tap [Bluetooth MIDI DEVICE] that appears on the app you launched.
6. Tap “FS-1-WL”.

The FS-1-WL connection in the list on the app displays as “Connected”. The Bluetooth indicator on the FS-1-WL stops blinking and remains lit when pairing is finished.

- * “FS-1-WL+” appears if the unit is already paired to another device.
- * If the Bluetooth indicator on the FS-1-WL is not blinking blue, press the [Bluetooth] button once more to make it do so.

7. If “Bluetooth Pairing Request” appears, tap “Pair”.
8. Tap [◀ Back] to return to the previous screen.
9. Verify that “FS-1-WL” is shown for “CONNECT” on the app.
10. Tap [OK] to start communication.

If You Can't Connect

Check the following points.

Items to Check	Cause/Action
Is Bluetooth activated on your mobile device?	Make sure that Bluetooth has been activated on your mobile device.
Is the Bluetooth (Smartphone/PC) indicator on the FS-1-WL is blinking blue?	If the indicator is not blinking blue, the FS-1-WL is not in pairing mode. Press the [Bluetooth] (Smartphone/PC) button to make the indicator blink blue.
Is the Bluetooth (INSTRUMENT) indicator on the FS-1-WL is blinking white?	Use the [Bluetooth] (INSTRUMENT) button when you want to connect to an electronic musical instrument. Press the [Bluetooth] (Smartphone/PC) button to make the indicator blink blue.
Is the unit paired with "FS-1-WL" or "FS-1-WL+"?	When pairing, tap "FS-1-WL" in Bluetooth MIDI Device setting on the app, instead of Bluetooth setting on your mobile device. When you turn the Bluetooth switch of your mobile device on, "FS-1-WL" or "FS-1-WL+" might appear in the devices list, but you should not tap them. If you did accidentally tap them, follow the steps shown in "Quit all apps on your mobile device, and retry pairing" (p. 12).

If you checked the above points and took the appropriate measures but you still cannot connect, try the following.

Items to Check	Cause/Action
Try pairing again	Following the instructions in "Quit all apps on your mobile device, and retry pairing" (p. 12)", quit all apps currently running on your mobile device and try pairing again.
Turn the power off and on again	Follow the instructions in "Turn the mobile device and the FS-1-WL off and then on again" (p. 13) to try pairing again.

- * If you've tried all of the above and still can't connect, contact your dealer or a Roland customer service center.

Quit all apps on your mobile device, and retry pairing

Quit all apps that are running on your mobile device.

- 1. Double-click the home button, and swipe up on the app screen.**

* The procedure for closing apps may differ depending on your mobile device. Use the method that's appropriate for your device to close the apps.

- 2. Long-press the [Bluetooth] (Smartphone/PC) button on the FS-1-WL to make the indicator go dark.**

- 3. Turn the Bluetooth switch off.**

The procedure for step 2–3 results in unpairing.

- 4. Start pairing again by following the steps in “Connecting the FS-1-WL to FS-1-WL Editor (iOS)” (p. 8).**

Turn the mobile device and the FS-1-WL off and then on again

1. Turn off the mobile device and the FS-1-WL.
2. Wait for about 10 seconds and turn the power on again.
3. Start pairing again by following the steps in "Connecting the FS-1-WL to FS-1-WL Editor (iOS)" (p. 8).

* If you are still unable to connect with the app even after taking these measures, please contact the Roland customer service center.

Unpairing

1. With the Bluetooth indicator on the FS-1-WL lit up blue, hold down the [Bluetooth] button to make the indicator blink blue.
2. Turn the Bluetooth switch off.

Connecting the FS-1-WL to a Computer

- 1. Connect the FS-1-WL to your computer with a USB cable, and turn on the FS-1-WL.**

To edit MIDI information, power up the FS-1-WL in MIDI mode.
To edit HID information, power up the FS-1-WL in HID mode.
- 2. Launch the “FS-1-WL Editor” app that’s installed on your computer.**
- 3. Select “FS-1-WL USB-MIDI” from the DEVICE pulldown menu, and click “OK”.**

Using FS-1-WL Editor

Top Screen (MIDI Mode)

Shows the MIDI settings screen for messages output to the device connected via Bluetooth.

Shows the MIDI settings screen for messages output to USB.

Shows the LIBRARIAN (p. 19).

Shows the MENU settings (p. 20).

The settings for MIDI CH and MODE are shown.

Shows the MIDI settings screen for messages output to MIDI OUT.

Jumps to the detailed settings screen.

Shows the values for the settings.

The screenshot shows the top screen of the FS-1-WL Editor in MIDI Mode. At the top, the BOSE logo and 'FS-1-WL' are visible. Below this are four tabs: Bluetooth, USB, MIDI OUT, and TOTAL. The Bluetooth tab is selected. The main area displays a list of settings for various pedals and controls. Each setting is shown with its name, CC#, OFF VALUE, and ON VALUE. A vertical scroll bar is on the right side of the list. Callouts point to various elements: the Bluetooth tab, the USB tab, the LIBRARIAN and MENU icons, the MIDI OUT tab, the MENU settings, the MIDI CH and MODE settings, the MIDI OUT settings, the detailed settings screen, and the values for the settings.

Setting	CC#	OFF VALUE	ON VALUE
PEDAL L	OFF	0	127
PEDAL C	OFF	0	127
PEDAL R	OFF	0	127
CTL1	OFF	0	127
CTL2	OFF	0	127
EXP	OFF	0	127

Parameter	Value	Explanation
MIDI CH	CH1–CH16	When MIDI CH (p. 17) for Bluetooth/USB/MIDI OUT is set to “TX CH”, the MIDI channel that’s set here is used for output. Also, the MIDI channel specified here is used for output when selecting a CC# (p. 17), or for an expression pedal that’s connected to the FS-1-WL.
MODE		This sets the type of MIDI messages that are output from the FS-1-WL pedal switches (L–R) and from the footswitch that’s connected to the FS-1-WL. The MODE setting is shared by Bluetooth/USB/MIDI OUT. * When this is set to “PC” or “PC+CC”, only the trigger signal for “on” is output.
	CC	Control change
	PC	Program change
	PC+CC	Control change and program change
LATCH		The setting turns on (ON VALUE)/off (OFF VALUE) each time you press a pedal switch. * When MODE is set to “PC” or “PC+CC”, this acts as a momentary switch.
MOMENTARY		The setting is on (ON VALUE) while you hold down the pedal switch, and off (OFF VALUE) when you release it.

Bluetooth/USB/MIDI OUT SETTING

Parameter	Value	Explanation
CC#	OFF, CC#1–CC#31, CC#64–CC#95	This sets the MIDI CC numbers that are output from the FS-1-WL pedal switches (L–R) and from the footswitch/expression pedal that's connected to the FS-1-WL.
OFF VALUE	0–127	Sets the value for switch "off".
ON VALUE	0–127	Sets the value for switch "on".
MIDI CH	CH1–CH16, TX CH	This sets the MIDI channel that is output from the FS-1-WL pedal switches (L–R) and from the footswitch that's connected to the FS-1-WL. To output using the MIDI channel set in TOTAL (p. 16), set this to "TX CH".
PC#	OFF, 1–128	This sets the MIDI PC number that is output from the FS-1-WL pedal switches (L–R) and from the footswitch that's connected to the FS-1-WL.
BANK MSB	OFF, 1–127	Sets the value for the bank select MSB.
BANK LSB	OFF, 1–127	Sets the value for the bank select LSB.
MIN	0–127	Sets the minimum value that's output when the expression pedal is operated.

Parameter	Value	Explanation
MAX	0-127	Sets the maximum value that's output when the expression pedal is operated.
CC Value	0-127	Sets the CC value that's output in PC+CC mode.

To edit values



Slide up or down to edit a parameter.

Long-press to enter a numeric value or choose from a list.

You can store up to 30 MIDI settings in the FS-1-WL Editor.

Parameter	Explanation
+CREATE LIVESET	The MIDI settings for the FS-1-WL are stored as a liveset.
LIVESET NAME	Adds a name to the liveset.
EDIT	Lets you copy and delete livesets.
⋮	Lets you rename the liveset (RENAME) or restore the settings to the FS-1-WL (RESTORE).

- * You cannot edit any other part of the liveset besides the name. To save the MIDI settings you've edited, create a new liveset.
- * When connecting with FS-1-WL, the software keyboard is hidden from display of your iPhone and iPad.
Each time you click the [Bluetooth] (Smartphone/PC) button to toggle the software keyboard between visible and hidden.

MENU

SYSTEM SETTING

Here you can edit the pedal indicator colors on the FS-1-WL.

Bluetooth SETTING (smartphone app)

Here you can edit the Bluetooth connection settings.

DEVICE SETTING (computer app)

Here you can edit the USB connection settings.

OWNER'S MANUAL

Here you can view the owner's manual for the FS-1-WL or pages of this manual.

- * Your mobile device or computer must be connected to the internet.

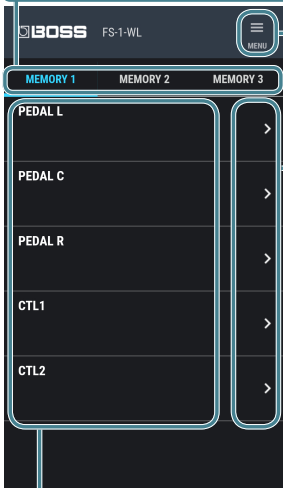
VERSION

Here you can view version information for the FS-1-WL, as well as software version and license information for FS-1-WL Editor.

Top Screen (HID Mode)

Shows the HID settings for messages output to the device connected via Bluetooth.

* HID signals are only output via Bluetooth, and are not output via USB.



Shows the MENU settings (p. 23).

Jumps to the detailed settings screen.

Shows the values for the settings.

MEMORY1-3

You can save three groups of settings (called “memories”) to the FS-1-WL.

Parameter	Explanation
PEDAL L, PEDAL C, PEDAL R, CTL1, CTL2	This sets the type of HID messages and modifier key data that is transmitted when you operate the FS-1-WL pedal switches (L-R) or the footswitch that's connected to the FS-1-WL.

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

MENU

SYSTEM SETTING

Here you can edit the pedal indicator colors on the FS-1-WL.

Bluetooth SETTING (smartphone app)

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DEVICE SETTING (computer app)

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