

FS-1-WL Connection Guide (Connect with the ME-90)

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This guide shows you how to pair the FS-1-WL wirelessly to the ME-90 using BLE MIDI.

“Pairing” involves registering the MIDI device that you want to use (making the devices recognize each other) with the FS-1-WL.

Pairing the FS-1-WL with another compatible device lets you control that device via MIDI from the FS-1-WL.

* You must update the ME-90 to Ver. 1.03 or later to use the FS-1-WL.

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

What is “BLE MIDI”?

“BLE MIDI” is the technology used to transmit and receive MIDI messages wirelessly via **Bluetooth®** LE standard.

This is officially known as “MIDI over Bluetooth Low Energy”.

Connecting the FS-1-WL to the ME-90

1. Turn on the ME-90 (to which the BT-DUAL is attached) and the FS-1-WL, and place them nearby.
2. Hold down the pairing button on the BT-DUAL until the Bluetooth indicator blinks rapidly.
3. Press the [Bluetooth] (INSTRUMENT) button on the FS-1-WL.

The Bluetooth indicator on the FS-1-WL blinks white, and pairing begins.

The Bluetooth indicators on both units stop blinking and remain lit when pairing is finished, and now the ME-90 and FS-1-WL are paired.

If connected correctly, it will be in the following state.

BT-DUAL Bluetooth indicator	Lit blue
FS-1-WL [Bluetooth] (INSTRUMENT) indicator	Lit white

- * If the devices do not pair after one minute has passed, pairing mode is automatically canceled.
- * The units automatically connect next time they are restarted.

The FS-1-WL remembers the information for the last Bluetooth device to which it was connected.

When connecting to a different device after connecting to the ME-90, or when turning off the power while the Bluetooth indicator is blinking white (not connected), or when doing a factory reset of the FS-1-WL, the unit does not pair automatically.

In this case, you must start from step 1 to configure the settings.

Connecting the ME-90, FS-1-WL, and BOSS TONE STUDIO for ME-90 (iOS/Android) at the same time

When connecting at the same time, the following two steps are required.

STEP 1: Connect the ME-90 and the FS-1-WL

STEP 2: Connect the FS-1-WL and the BOSS TONE STUDIO for ME-90 (iOS/Android)

- 1. Turn on the ME-90 (to which the BT-DUAL is attached) and the FS-1-WL, and place them nearby.**
- 2. Hold down the pairing button on the BT-DUAL until the Bluetooth indicator blinks rapidly.**
- 3. Press the [Bluetooth] (INSTRUMENT) button on the FS-1-WL.**

The [Bluetooth] (INSTRUMENT) indicator on the FS-1-WL blinks white, and pairing begins.

The Bluetooth indicators on both units stop blinking and remain lit when pairing is finished, and now the ME-90 and FS-1-WL are paired.

4. Press the [Bluetooth] (Smartphone/PC) button on the FS-1-WL.

The unit enters pairing mode, and the [Bluetooth] (Smartphone/PC) indicator on the FS-1-WL blinks blue.

5. On the BOSS TONE STUDIO for ME-90 app, select “FS-1-WL+”.

The [Bluetooth] (Smartphone/PC) indicator on the FS-1-WL stops blinking and remains lit when pairing is finished.

If connected correctly, it will be in the following state.

BT-DUAL Bluetooth indicator	Lit blue
FS-1-WL [Bluetooth] (INSTRUMENT) indicator	Lit white
FS-1-WL [Bluetooth] (Smartphone/PC) indicator	Lit blue
BOSS TONE STUDIO for ME-90 device name	FS-1-WL+

The FS-1-WL remembers the information for the last Bluetooth device to which it was connected. When connecting to a different device after connecting to the ME-90, or when turning off the power while the Bluetooth indicator is blinking white (not connected), or when doing a factory reset of the FS-1-WL, the unit does not pair automatically.

In this case, you must start from step 1 to configure the settings.

NOTE

You cannot use the BOSS TONE STUDIO for ME-90 and the FS-1-WL Editor at the same time.

- * The ME-90 and FS-1-WL are connected automatically next time they are restarted. To connect the BOSS TONE STUDIO for ME-90 you must perform steps 4 and 5 each time.
- * If the devices do not pair after one minute has passed, pairing mode is automatically canceled.

ME-90 settings

The CC numbers for ME-90 are fixed as shown below.

Parameter	MIDI CC numbers
Expression Pedal	CC#11
Pedal effect ON/OFF (EXP SW)	CC#82
[CTL] pedal	CC#80

The default CC numbers for the FS-1-WL are set as shown below.

Change the CC number settings as appropriate for your use.

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