

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

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01

This guide shows you how to pair the EV-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 EV-1-WL.

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

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

- 1. Turn on the ME-90 (to which the BT-DUAL is attached) and the EV-1-WL, and place them nearby.**
- 2. Hold down the pairing button on the BT-DUAL until the Bluetooth indicator blinks rapidly.**
- 3. Make sure that the Bluetooth indicator on the EV-1-WL is blinking white.**

If the indicator is blinking blue or is lit up white, operate the device as shown below to make the indicator blink white.

Blinking blue	Quickly press the [Bluetooth] button twice on the EV-1-WL.
Lit white	The unit is connected to a different device. Disconnect on the connected device side, or long-press the [Bluetooth] button on the EV-1-WL.

4. Press the [Bluetooth] button on the EV-1-WL.

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

The Bluetooth indicator on the EV-1-WL stops blinking and remains lit white when pairing is finished. The EV-1-WL and EV-1-WL are now connected.

Connecting the ME-90, EV-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 EV-1-WL

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

- 1. Turn both the ME-90 and the EV-1-WL on, and place them near each other.**
- 2. Hold down the pairing button on the BT-DUAL until the Bluetooth indicator blinks rapidly.**
- 3. Make sure that the Bluetooth indicator on the EV-1-WL is blinking white.**

If the indicator is blinking blue or is lit up white, operate the device as shown below to make the indicator blink white.

Blinking blue	Quickly press the [Bluetooth] button twice on the EV-1-WL.
Lit white	The unit is connected to a different device. Disconnect on the connected device side, or long-press the [Bluetooth] button on the EV-1-WL.

4. Press the [Bluetooth] button on the EV-1-WL.

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

The Bluetooth indicator on the EV-1-WL stops blinking and remains lit when pairing is finished, and the EV-1-WL and the ME-90 are connected.

5. Quickly press the [Bluetooth] button on the EV-1-WL twice to change the Bluetooth indicator to blink blue.

If the indicator remains lit in blue, the unit is already paired to another device.

In this case, disconnect the other device or long-press the Bluetooth button to make the indicator blink blue.

6. Press the [Bluetooth] button on the EV-1-WL.

The unit enters pairing mode, and the Bluetooth indicator on the EV-1-WL rapidly blinks blue.

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

The Bluetooth indicator on the EV-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
EV-1-WL Bluetooth indicator	Lit white, lit blue *
BOSS TONE STUDIO for ME-90 device name	EV-1-WL+

- * To make sure the EV-1-WL Bluetooth indicator is lit both white and blue, quickly press Bluetooth button twice. This switches the colors.

The EV-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 EV-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 EV-1-WL Editor at the same time.

- * The ME-90 and EV-1-WL are connected automatically next time they are restarted. To connect the BOSS TONE STUDIO for ME-90 you must perform steps 5 and 7 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 EV-1-WL are set as shown below.

By changing the CC number of EXP when EXP SW is ON from CC#1 to CC#11, EV-1-WL functions just as the expression pedal on the ME-90 unit.

Change the CC number settings as appropriate for your use.

Parameter	MIDI CC numbers
EXP	CC#11 (When EXP SW is OFF)
	CC#1 (When EXP SW is ON)
EXP SW	CC#82
CTL1	CC#80
CTL2	CC#81