



# PC Linkage Device

## IMPORTANT NOTICE

- Contact the place of purchase or a distributor for information on installation, adjustment, and replacement of the products which are not found in the user's manual. A dealer's manual for professional and experienced bicycle mechanics is available on our website (<https://si.shimano.com>).

**For safety, be sure to read this "user's manual" thoroughly before use, follow it for correct use, and store it so that it can be referenced at any time.**

The following instructions must be observed at all times in order to prevent personal injury and physical damage to equipment and surroundings. The instructions are classified according to the degree of danger or damage which may occur if the product is used incorrectly.

<b>⚠ DANGER</b>	Failure to follow the instructions will result in death or serious injury.
<b>⚠ WARNING</b>	Failure to follow the instructions could result in death or serious injury.
<b>⚠ CAUTION</b>	Failure to follow the instructions could cause personal injury or physical damage to equipment and surroundings.

## Important safety information

### ⚠ WARNING

- Do not disassemble or modify the product. This may cause the product to not operate correctly, and you may suddenly fall and be seriously injured.

## Notice

- Do not use outdoors or in environments with high humidity.
- Do not place the battery charger on dusty floors when using it.
- Place the battery charger on a stable surface such as a table when using it.
- Do not place any objects on top of the battery charger or its cable.
- Do not bundle the cables.
- Do not hold the battery charger by the cables when carrying it.
- Do not apply excessive tension to the cables.
- Do not use any USB cable other than the USB cable which is supplied with the PC linkage device.
- Connect the PC linkage device directly to the USB port on a PC, without using an intermediate device such as a USB hub.
- Do not ride the bicycle while the PC linkage device and cable are still connected to it.
- If two or more of the same components are connected to a connection point, they may not operate correctly.

- Do not connect or disconnect units again while unit recognition is in progress or after recognition is complete. If this is not done, the units may not operate correctly. Check the procedures which are given in the user's manual for the E-TUBE PROJECT when connecting and disconnecting units.
- The tightness of the PC link cable will tend to drop after repeated connections and disconnections. If this happens, replace the cable.
- Do not wash the battery charger or wipe it using detergents.
- Do not connect two or more PC linkage devices to the same PC at the same time. If two or more PC linkage device units are connected, they will not operate correctly. In addition, the PC may need to be restarted if operating errors occur.
- PC linkage devices connect compatible products with a PC. They cannot be used with the tablet or smartphone version of E-TUBE PROJECT.
- For maximum performance we highly recommend SHIMANO lubricants and maintenance products.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

### ■ Main specifications

Operating temperature	0°C - 40°C
Storage temperature	-20°C - 70°C
Operating / storage humidity	10 - 95% RH / 10 - 95% RH
Rated voltage	5 V ± 5%
Rated power	2.5 W
Interface	USB 2.0 (Full Speed)
Port type	PC side: Type A At PC linkage device: Mini B type (SM-PCE1), micro B type (SM-PCE02)
LED	Operating normally: Lit up Preparing: Flashing

### ■ Connectable PCs

For information on connectable PCs, check our support website (<https://bike.shimano.com/e-tube/project.html>).

### ■ Features

A PC linkage device can be used to connect a PC to the bicycle (system or units), and E-TUBE PROJECT can be used to carry out tasks such as performing failure diagnosis of single units or the whole system, updating firmware\*, and customization. In SM-PCE02, you can add [Battery consumption] to the [Error check] section, then check whether there is an abnormality in battery consumption.

- \* E-TUBE PROJECT: PC application
- \* Firmware: Software inside each unit

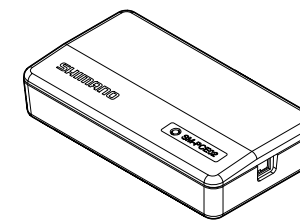
## Downloading the application

- The E-TUBE PROJECT is required to use the PC linkage device. Download E-TUBE PROJECT from our support website (<https://bike.shimano.com/e-tube/project.html>). E-TUBE PROJECT may not be compatible with the PC linkage device, depending on the version of E-TUBE PROJECT. Check compatibility on our support website.
- For information on how to install E-TUBE PROJECT, check the support website. For information on how to use E-TUBE PROJECT on your PC, refer to the user's manual for E-TUBE PROJECT.
- For information on the wiring required for connecting to a PC, refer to the user's manual of E-TUBE PROJECT or the "SHIMANO STEPS Cycle Computer and Switch Unit Parts Dealer's Manual."

## Names of parts

### ■ PC linkage device

Example: SM-PCE02

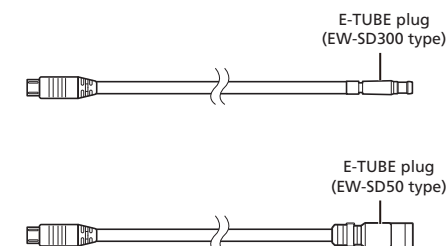


### ■ Accessories

The accessories depend on the model and specifications of the PC linkage device.

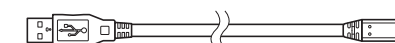
#### PC link cable

Connects this product with the compatible component (Di2/STEPS). The E-TUBE plug may be the EW-SD300 type or the EW-SD50 type.



#### USB link cable

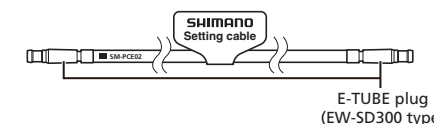
Connects this product with the PC.



### ■ Option

#### Setting cable

The setting cable is a dedicated electric wire for configuring various settings.



**Do not use the setting cable for the wiring of the bicycle.**

The setting cable has a more durable plug than regular electric wires, but it is not as waterproof or retentive. Using it for the wiring of the bicycle may cause problems.



This symbol on your product, literature, or packaging reminds you that this product must be taken to separate collection at the end of its working life. Do not dispose of this product as unsorted municipal waste but instead take it for recycling. By ensuring the product is disposed correctly, you will help to prevent potential negative consequences for the environment and human health. For info on your nearest recycling point, check with your local waste authority.

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