WARNING

Do not do any USB cable other than the USB cable which is supplied with the PC linkage device. This may cause a charge error, fire, or failure of the connected PC due to heating.

When connecting or disconnecting the USB cable or the charging cable, be sure to hold the plug of the cable. Failure to do so may cause a fire or electric shock. If the following symptoms are observed, stop using the device and contact a dealer. A fire or electric shock may occur.

* If the charger is in use and the USB cable is water-soaked, the USB plug may be damaged. Do not wash the PC linkage device or wipe it using detergents.

* Do not disassemble or modify the charger. If this is not observed, electric shocks or injury may occur.

* Be sure to observe the following in order to avoid burns or other injury from fluid leakages, overheating, fire or explosions.

Do not disassemble or alter this product. If this is not done, the units may not operate correctly.

Do not connect two or more of the same units to the same connection point. If this is not done, the units may not operate correctly.

Do not disconnect or connect units again until unit recognition is in progress or after recognition is complete. If this is not done, the units may not operate correctly.

Do not use a USB hub when connecting the cable to a PC USB port. This may cause a charge error or fire due to overheating. Do not disassemble or alter this product. If this is not done, the units may not operate correctly.

Do not wash the PC linkage device or wipe it using detergents.

Do not connect two or more PC linkage devices at the same time. If two or more PC linkage devices are connected, they will not operate correctly. In addition, operating error may occur at the PC and it may require the PC to be restarted.

Do not disconnect or connect units again until unit recognition is in progress or after recognition is complete. If this is not done, the units may not operate correctly.

Do not disassemble or modify the charger. If this is not observed, electric shocks or injury may occur.

Do not do any USB cable other than the USB cable which is supplied with the PC linkage device. This may cause a charge error, fire, or failure of the connected PC due to heating.

When connecting or disconnecting the USB cable or the charging cable, be sure to hold the plug of the cable. Failure to do so may cause a fire or electric shock.

If thunderstorms while charging with an AC adapter with a USB port, do not touch the device, bicycle, or the AC adapter. When lightning strikes, an electric shock may be caused.

Use an AC adapter with a USB port with a voltage of 5.0 Vdc and with a current equal to or higher than 1.0 A. If the one with a current lower than 1.0 A is used, an AC adapter with a USB port.

Never connect any incompatible batteries. A burst or fire may be caused.

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When connecting or disconnecting the USB cable or the charging cable, be sure to hold the plug of the cable. Failure to do so may cause a fire or electric shock.

If the following symptoms are observed, stop using the device and contact a dealer. A fire or electric shock may occur.

* If heat or acid-smelling smoke is coming out from the power plug.

* * There may be a bad connection inside the power plug.

* If thunderous while charging with an AC adapter with a USB port, do not touch the device, bicycle, or the AC adapter. When lightning strikes, an electric shock may be caused.

* Do not use a USB hub when connecting the cable to a PC USB port. This may cause a charge error or fire due to overheating.

* Be careful not to damage the charging cable. (Do not damage, process, forcibly bend, twist or pull them, bring them near hot objects, place heavy objects on them or bundle them tightly together.) If they are used while damaged, fire, electric shocks or short-circuits may occur.

* After reading the user’s manual carefully, keep it in a safe place for later reference.

Main specifications

- Input: DC 5.0 V, 1.0 A
- Output: 8.4 V DC, 0.4 A
- Dimensions: 85 mm × 22 mm × 30 mm
- Weight: Approx. 70 g
- Operating temperature: 0 - 45°C

The above values exclude the separately provided USB cable.

Compatible PCs

For information on compatible PCs, check the support website (http://e-tubeproject.shimano.com).

Names of parts

- USB cable
- AC adapter (USB port)
- Micro USB plug
- USB plug
- Battery charger
- USB connector
- CHARGE indicator
- ERROR indicator
- Plug for product connection

Features

- The “PC” linkage device can be used to connect a PC to the bicycle (system or unit), and an “E-Tube Project” can be used to carry out tasks such as updating “firmware” of single units and system, and customizing.

* 1 PC Linkage Device: SM-PCE1/SM-BCR2
* 2 E-Tube Project: the PC application
* 3 Firmware: the software inside each unit

Troubleshooting for charging error

1. Reconnect the charging cable or USB cable, try charging again.

2. If the ERROR indicator blinks, the ambient temperature during charging may fall outside the operating temperature limits. Check that the temperature is appropriate.

3. If the CHARGE indicator blinks, refer to the following.

* The current capacity of your AC adapter with a USB port is lower than 1.0 A. Use an AC adapter with a USB port with a current capacity equal to or higher than 1.0 A.

* A USB hub is used to connect to PC.

* Remove the USB hub.

* If the above 1 to 3 is the case, the battery or junction may be faulty. Contact a dealer.

* If the charger is charged by using PC, check the following points as well.

4. Make sure that only one unit of SM-BCR2 is connected to PC.

If the charger does not light up or goes out, the battery may be fully charged. Check the remaining power of the battery using the junction (A) or information display.

If the battery is damaged or dead, contact the clean for use of the product.

* If the CHARGE indicator does not light up or goes out, the battery may be fully charged. Check the remaining power of the battery using the junction (A) or information display.

If the battery is damaged or dead, contact the clean for use of the product.

* If the CHARGE indicator or ERROR indicator of the charger blinks.

Download application

To update the firmware or perform customization using devices connected to PC, you need to install E-Tube Project on PC. Download and install the support website (http://e-tubeproject.shimano.com) for information on how to install an E-Tube Project, check the support website. For information on how to operate the PC, refer to the help manual on the E-Tube Project.

Example of connection for charging

To an AC adapter with a USB port or PC