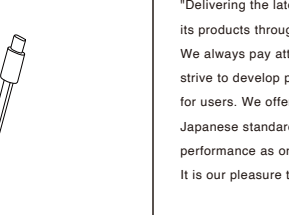


CIO-MB20W2C-SS5K-EX04



SMARTCOBY Ex04

Wireless2.2 CABLE SS5K





ANUAL



CIO Co., Ltd.

Founded in 2017 in Osaka, Japan, CIO Co., Ltd. is a manufacturing and sales company focused on dealing with the latest gadgets and smartphone accessories. With the concept of "Delivering the latest, most exciting gadgets", the company offers its products through its e-commerce site and physical stores. We always pay attention to the latest technology and continuously strive to develop products that increase the level of convenience for users. We offer high quality products in accordance with Japanese standards, but at the same time, we offer high cost performance as only an overseas manufacturer can. It is our pleasure to provide convenient gadgets to our customers.

1.Introduction

Thank you for your purchase.
Please read the user manual carefully before use and use it correctly.

Contents

1. Introduction..... 3

2. Safety Precautions 4-6

3. Package Contents 7

4. Product Overview 7

5. Compatible Models / Devices 7

6. Part Names and Descriptions 8

7. How to Use 9-22

7-1. Charging with a Wireless Charger 9-11

7-2. Charge via Cable..... 12-14

7-3. Charging the Product..... 15-16

7-4. Charging Settings for Smartphones 17

7-5. Output Ports and Accessories..... 18-22

8. Product Warranty 23-24

2.Safety Precautions



Warning

This is content that could lead to death or serious injury.



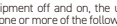
Caution

There is a possibility of serious injury or damage to property.

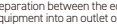


Warning

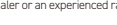
If you notice any abnormalities such as unusual odor, swelling, or abnormal heat generation, or if foreign matter has entered the product, or if liquid is leaking from inside the product, stop using it immediately.



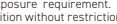
Do not disassemble or modify this product. Doing so may cause fire, electric shock, or malfunction.



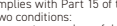
Do not use, store, or leave this product in direct sunlight, near heating appliances, inside a vehicle, or in other high-temperature environments.



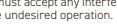
Do not allow water or other liquids to enter the product. Doing so may cause fire, electric shock, or malfunction.



Do not drop or subject the product to strong impact. This may cause fire, electric shock, or malfunction.



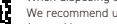
When using the USB charging port of this product, fully insert the USB power plug into the port.



Insufficient insertion or poor contact may cause fire, electric shock, or malfunction.



If you are using medical electronic devices such as implantable cardiac pacemakers, consult your physician before using this product, as it contains magnets.



Keep this product out of reach of children, and do not place it where infants or young children can access it.



Caution

1 Do not use this product for purposes other than its intended use.

2 Damage, malfunction, or data loss of devices connected to this product is not covered by warranty. Please understand this in advance.

3 This product contains magnets. Keep it away from credit cards, magnetic cards, hard disk drives, and other magnetic storage media to avoid damage.

4 Depending on the device specifications or software updates, wireless charging may not be available for certain devices.

5 During wireless charging, this product and the smartphone may become warm.

6 If you notice abnormal heat, discontinue use immediately.

7 If liquid such as beverages or water comes into contact with the product or smartphone, immediately rinse with clean water.

8 If it falls into water, do not retrieve it by hand—turn off the water source before removal.

9 Do not allow metal objects such as coins or hairpins to adhere to this product.

10 Doing so may cause heat generation or malfunction.

11 When removing this product, hold it firmly and remove it slowly to avoid damage.

12 Product specifications and appearance are subject to change without notice.

13 The contents of this manual may differ from the actual product.

14 The charging time shown is for reference only and may differ from the manufacturer's official specifications.

15 Company names and product names mentioned are trademarks or registered trademarks of their respective owners.



When disposing of this product, we recommend using CIO's battery withdraw service. (<https://connectinternationalone.co.jp/cisbcollect/>)



FCC Warning Statement

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure StatementThe device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

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

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



When disposing of this product, we recommend using CIO's battery withdraw service. (<https://connectinternationalone.co.jp/cisbcollect/>)

3. Package Contents

■Main Unit

■Instruction Manual

4. Product Overview

Product Name: SMARTCOBY Ex04 Wireless 2.2 CABLE SS5K
Model Number: CIO-MB20W2C-SS5K-EX04
Battery Capacity: 2500mAh / 7.4V / 18.5Wh
Battery Cells: 2500mAh × 2 cells (Total 5000mAh)
Rated Capacity: 2900mAh (5V=3A)
USB-C1 / C2 (Cable) Input: 5V=3A / 9V=2.22A / 12V=1.67A (Max 20W)
USB-C1 / C2 (Cable) Output: 5V=3A / 9V=2.22A / 12V=1.67A (Max 20W) / PPS 5~11V=2A (Max 22W)
Qi 2.2 Wireless Output: Max 25W
Total Output (USB-C1 + C2 Cable): Total 15W (5V=3A)
Dimensions: Approx. 100 × 70 × 14 mm
Weight: Approx. 151 g
Cycle Life: Approx. 400 cycles
Charging Time: Approx. 90 minutes
*Charging time may vary depending on usage environment.

5. Compatible Models / Devices

Qi 2.2 (25W)
USB Power Delivery 3.0

6. Part Names and Descriptions

① Wireless Charging Area

② USB-C Input / Output Port

③ Built-in Charging Cable

④ Battery Level Display / Mode Indicator LED

⑤ Battery Level Check / Mode Switch Button



When you press the button on the upper side of the main unit, the numeric battery level (%) is displayed.
Example: 75%

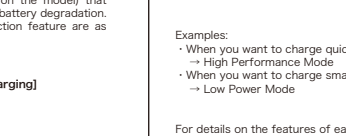


During charging or discharging, a *F* icon is displayed next to the percentage (%) value.
*When the product or the connected device is nearly fully charged, or when the output power is low, the *F* icon is displayed.
*Depending on the usage environment, the *F* icon may not be displayed; however, this is normal operation in accordance with the product specifications.

7. How to Use

1. Charging with a Wireless Charger

1-1. Charging Qi2-Compatible Smartphones



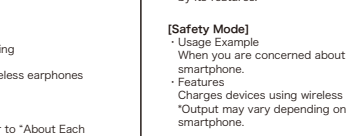
Wireless Charging Point

Wireless Charging Area

Notes

- Make sure that the built-in magnets of this product and your smartphone are properly aligned.
- Adjust the position until charging starts.
- Depending on the smartphone model or case used, the device may become unstable.
- In such cases, remove the case or use an Apple-certified MagSafe case.
- During wireless charging, both this product and the smartphone may become warm.

1-2. Wireless Charging for Small Devices



Wireless Charging Point

Wireless Charging Area

Notes

- The location of the wireless charging point varies depending on the device.
- Charging time varies depending on the specifications of the small device, battery capacity, and remaining battery level at the start of charging.
- Operation is not guaranteed for all small devices.

7-2. Charge via Cable..... 12-14

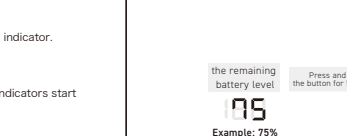
7-3. Charging the Product..... 15-16

7-4. Charging Settings for Smartphones 17

7-5. Output Ports and Accessories..... 18-22

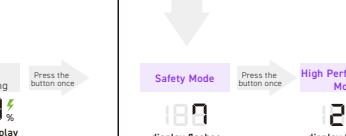
2. Charging the Power Bank

2-1. Charging a Smartphone



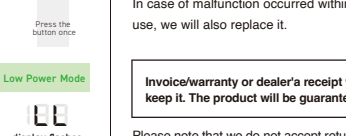
As shown in the illustration above, connect this product and your smartphone using the included USB-C cable to start charging.

2-2. Charging Small Devices(Low Power Mode)



When charging small devices such as wireless earphones, first press and hold the button for 5 seconds to enable Output Mode Switching, then switch the output to Low Power Mode.
*For details on how to switch to Low Power Mode, please refer to page 21-22.
*Low Power Mode
—Charging will automatically stop after 2 hours.
—Charging will stop if the USB-C cable is removed.
—Charging will stop when the button is pressed twice.

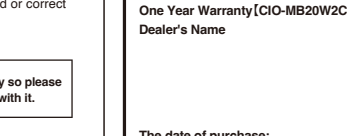
2-3. Simultaneous Charging (Built-in USB-C Cable + Additional USB-C Cable)



This product allows simultaneous charging of two devices by using the built-in USB-C cable and an additional USB-C cable.
*When using wired charging only, the maximum total output is 15W (5V=3A).
*Simultaneous wired and wireless charging is not supported.
*If both are connected at the same time, wired charging is given priority and wireless charging will be turned off.

3. Charging Multiple Devices Simultaneously

3-1. Charging the Product



During charging, a *F* icon is displayed next to the percentage (%) value.
*When the product is nearly fully charged, or when the output power is low, the *F* icon is not displayed.
*Depending on the usage environment, the *F* icon may not be displayed; however, this is normal operation in accordance with the product specifications.

Notes

- The USB charger is not included. Please prepare one separately.
- To perform fast charging at up to 20W, a USB charger that supports an output of 20W or higher is required.

3-2. Pass-Through Function(Wireless)



When a smartphone is placed on the wireless charging area while this product is charging, charging of the smartphone will also begin (pass-through charging).
During pass-through charging, the numeric battery level (%) is displayed for 10 seconds after which the LED display shows below (PTT). It is alternately displayed for 2 seconds.
This product is a mobile battery that supports full pass-through charging.
We recommend using CIO's battery battery via separate circuits, the number of charge/discharge cycles of the product is reduced, thereby alleviating the load on the battery cells.

4. Charging a Smartphone

If your smartphone or other device does not charge to full capacity even though this product still has remaining battery power, please check the charging settings on your smartphone.
On iPhone and Android smartphones, there may be a battery protection feature (the name varies depending on the model) that stops charging at around 80% in order to reduce battery degradation. The procedures for disabling this battery protection feature are as follows:
[iPhone: How to Disable Optimized Battery Charging]
Tap Settings on your iPhone.
Tap Battery.
Tap Charging.
Turn off Optimized Battery Charging.
[Android Smartphone: How to Disable Battery Protection]
Tap Settings on your smartphone.
Tap Battery.
Turn off Battery Optimization (or a similarly named feature).
The feature name and operation method vary depending on the model.
For details, please refer to the smartphone manufacturer's official website.

5. Output Ports and Accessories

5-1. About Output Ports and Accessories

By switching modes according to the device being charged and the usage scenario, this product automatically provides the optimal output for each device.
Examples:

- When you want to charge quickly via wireless charging → High Performance Mode
- When you want to charge small devices such as wireless earphones → Low Power Mode

For details on the features of each mode, please refer to "About Each Mode" on pages 19.
For instructions on how to switch output modes, please refer to "How to Switch Output Modes" on pages 20-22.

5-2. About each mode

This product offers three selectable modes.
Each mode is described below with examples of usage scenarios followed by its features.
[Safety Mode]
Usage Example
When you are concerned about heat generation while charging your smartphone.
Features
Charges devices using wireless output up to 7.5W.
*Output may vary depending on the remaining battery level of the smartphone.
[High Performance Mode]
Usage Example
When you want to charge your smartphone quickly, even if the remaining battery level of this product is low.
Features
Charges devices using wireless output up to 25W.
*Output may vary depending on the remaining battery level of the smartphone and its thermal condition.
[Low Power Mode]
Usage Example
When you want to charge small devices such as wireless earphones.
Features
Charges small devices via wired connection.
By charging is started without enabling Low Current Mode, output to small devices may stop after a few minutes.

5-3. How to Switch Output Ports and Accessories

Output mode switching is performed using the following steps.
For a list of output modes, see pages 21-22.
*The default setting is High Performance Mode (25 W).
1. Display the remaining battery level
Press the button once to turn on the battery level LED indicator.
2. Enable output mode switching
Press and hold the button for 5 seconds until all LED indicators start flashing.
3. Select and confirm the desired mode
While in output mode switching operation, each press of the button switches to the next mode.
Press and hold the button for 2 seconds on the desired mode to confirm the selection.
4. Connect the device
After completing the output mode switching, connect the device wirelessly or using a cable to begin charging.
*If the smartphone does not start charging, press the button once.



*If no button operation is performed for 5 seconds while the LED display is flashing, the output mode switching operation is canceled and the display returns to the remaining battery level.
*If output mode switching is canceled, the setting returns to the default: "High Performance Mode (25 W)" or the previously selected mode.

8. Product Warranty

Thank you for purchasing CIO product. If the product has any defects such as initial malfunction, please contact us before reviewing. We will replace it as an initial malfunction product.
In case of malfunction occurred within the warranty period or correct use, we will also replace it.
Invoice/warranty or dealer's receipt will become warranty so please keep it. The product will be guaranteed for replacement with it.
Please note that we do not accept returns or refunds.
Please note that the warranty cannot be provided in the following cases.
1. Accident due to careless handling while using it. (e.g. dropping, submerging and so on.)
2. Failure due to any internal modification by the user.
3. Failure due to fire or water damage.

Support Information

Email address: customer@connectinternationalone.co.jp
One Year Warranty [CIO-MB20W2C-SS5K-EX04]
Dealer's Name:
The date of purchase:
Stay Updated with All the Latest News!
We will be posting information about our new crowdfunding project, new products, and special discounts.