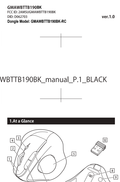
SANWA

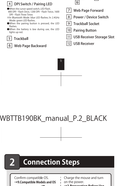
Dual-Mode Ergonomic Silent Click Trackball Mouse User Manual



GMAWBTTB190BK
FCC ID: SWSGMAWBTTB190B
Model: MA-BT190
Dongle Model: GMAWBTTB190B-RC

ver.1.0

1.At a Glance



1 Left Click &Right Click
2 Scroll Wheel
3 DPI Switch Button
4 DPI Switch / Pairing LED
Blue: Bluetooth connection
Red: 2.4GHz Wireless Connection
Alternate between Blue and Red: Battery is under 10%
Alternate between Blue and Red: Pairing mode
Blue: Pairing is in progress, but after 3sec. LED turns off.
5 Trackball
6 Web Page Backward
7 Web Page Forward
8 Power / Device Switch
9 Trackball Socket
10 Pairing Button
11 USB Receiver Storage Slot
12 USB Receiver

2 Connection Steps

Confirm compatibility
•Compatible Models and OS

Charge the mouse and turn on the power
•Preparation Before Use

Bluetooth Connection

1 Turn on the device, start the OS, and perform Bluetooth pairing operation.
•Bluetooth Device Manager / Bluetooth Manager

2 Select the device, wait for 15 sec. and connect the receiver to the USB A port.
•Windows / Mac / Linux / Chrome OS / Android / iPad

2.4GHz Wireless Connection

1 Connect the receiver to the USB A port on your computer.
•Windows / Mac / Linux / Chrome OS

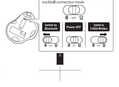
The mouse will be ready to use.

3 Preparation Before Use

Charging Method

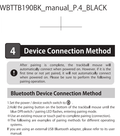
1 **Before First Use, Please Charge:**
■ Charge the mouse until the DPI switch / pairing LED lit up for 30 seconds.
■ Use it as you like (included charging cable).

2 Connect the trackball mouse with the included cable to charge.



3 When the DPI switch / pairing LED turns off, charging is completed. Disconnect the cable.
※Charging takes about 4 hours, but may vary by device.

Power ON/OFF and Device Switch



4 Device Connection Method

1 Set the device / device switch switch to ◎.
Hold the pairing button on the bottom of the trackball mouse until the DPI switch / pairing LED flashes alternately blue and red.
※For all pairing mouse or touch pad to complete pairing connections, it takes about 15 seconds. Please wait for the pairing to complete the pairing process.
※ If you are using an external USB Bluetooth adapter, please refer to its user manual.

Bluetooth Device Connection Method

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Hold the pairing button on the bottom of the trackball mouse until the DPI switch / pairing LED flashes alternately blue and red.
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Windows 11

1. Click the Windows icon at the bottom left to open the "Start" menu.
2. Click "Settings".
3. In the Settings window, select "Bluetooth & other devices", then click "Add device".
※Ensure Bluetooth is turned "On".
4. In the "Add a device" screen, select "Bluetooth".
5. Wait for "MAWBTTB190_1" or "MAWBTTB190_1" to appear, then click it.
6. The following screen will indicate pairing is complete. Click "Done".
7. Confirm that the device name is displayed.

Windows 10

1. Click the Windows icon at the bottom left to open the "Start" menu.
2. Click "Settings".
3. In the Settings window, click "Devices".
4. In the Devices window, select "Bluetooth & other devices", then click "Add Bluetooth or other device".
※Ensure Bluetooth is turned "On".
5. In the "Add a device" screen, select "Bluetooth".
6. Wait for "MAWBTTB190_1" or "MAWBTTB190_1" to appear, then click it.
7. The following screen will indicate pairing is complete. Click "Done".
8. Confirm that the device name is displayed.

macOS 14~13

1. Click the "System Settings" and choose the "Bluetooth" section. Ensure Bluetooth is "Bluetooth Device" is turned "On".
2. Wait for "MAWBTTB190_1" or "MAWBTTB190_1" to appear, then click it.
3. Pairing is complete when the status changes to "Connected".
4. Configure mouse settings in "Bluetooth" and "Mouse".

Chrome OS

1. Click "Settings".
2. In Settings, click "Bluetooth and turn it on.
3. Wait for "MAWBTTB190_1" or "MAWBTTB190_1" to appear, then click it.
4. Pairing is complete when the following screen appears.

Android

1. Open Bluetooth settings on your Android device.

2. Once scanning begins, select "MAWBTTB190_1" or "MAWBTTB190_1" to pair.

※For more details, please refer to the device's user manual.

iPad/iOS~iOS

1.Please scan the QR code below to open the file "GMWBA_FAQ.pdf", and check the contents "Pairing Method of a mouse on iPad/iOS/iOS".

2.4GHz Wireless Device Connection Method

1 **•For Windows:**
It is recommended to close all other applications (such as antivirus software and other background programs) before connecting.
•For macOS:
Only standard applications with installed OS and wired drivers, keyboards, and mice are supported. If you use the trackball wireless, hub it cannot be used as a hub.

1. Turn on the device power and start the operating system.

2. Set the pairing / device switch to ◎.
3. Connect the receiver to the USB A port on your computer.
4. The hardware detection wizard will start the installation of all complete drivers. Please make sure the trackball mouse.

※ The receiver has a front and back side. Please ensure the orientation of the USB A port before connecting.

5 Costume Key Functions

Please scanning the key functions of this product by downloading the driver from the SANWA website.

Please scan the QR code below, install the software, and follow the instructions to set up custom key functions.

SANWA Mouse

https://www.sanwa.co.in/chip-content/download/driver/SANWA_Mouse

6.How to Clean the Trackball Mouse

Mouse is prone to smudge, dust and fingerprints on the ball on the bottom of the trackball mouse.

1 When removing the trackball, handle it carefully to prevent it from falling.

2 Remove the trackball and use a cotton swab to clean the sensor and surrounding contact surfaces.

3 Place the trackball back into the mouse.

7.Auto Sleep Mode

■ The trackball mouse is not used for a period of time, it will enter deep mode. Click any button to wake the mouse. Initially, there may be a slight delay in response.
■ The trackball mouse enters deep mode when the mouse is disconnected from the computer. It will not wake up even if a button is clicked. The "connect" the mouse to the computer before attempting to wake it.

8. Troubleshooting

(For Both Bluetooth and 2.4GHz Wireless Connections)

1.Mouse cannot be paired or connected after successful pairing and cannot be reconnected.
2.Mouse cannot be paired.
1. The product has a power-saving feature and will enter deep mode after a prolonged period of inactivity. If the mouse disconnects, tap any button first to wake the mouse(no response).
If it is unresponsive, please:
1. Ensure the battery has sufficient power (no remaining "DEAD" or "LOW").
2. Ensure the mouse is not in deep sleep mode.

3.The Bluetooth mouse suddenly stopped working.
1. The Bluetooth driver could become corrupted. Try deleting Bluetooth devices and reconnecting.

(Click on "Device Manager" in System Properties)

(Uninstall "Bluetooth" under "Bluetooth" or "Universal Bluetooth adapter.

※ The Bluetooth adapter image may vary depending on your computer. For details, refer to your computer's user manual.

(Click "Power Management")

(If Unchecked, "Allow the computer to turn off this device to save power", then click "OK".

4. Can't move the trackball cursor.
1. Confirm if the pairing connection has been interrupted.
2. Confirm the receiver is connected to the USB port.
(Ensure the power is set to the DPI switch (see section 3, "Preparation Before Use").
(Ensure the pairing has been allowed to charge and try again.
3.Verify the DPI switch / pairing LED.

5.The mouse cursor is not moving smoothly.
1. Ensure the mouse is used on a smooth surface, such as a reflective surface, glass, or patterned tablecloth.
2. Avoid using the mouse on the edge of a desk, to prevent scrolling operations by causing the mouse on a thick magazine or mouse pad.

6.Cant find the Bluetooth setting menu.
A few Linux computer support Bluetooth.**•Please check the user manual or contact the seller.**

7.Cant connect, or the cursor doesn't move after connecting.
1.If you have other Bluetooth enabled devices (like a smartphone, try connecting the mouse to the computer first, then the other devices.

8. The trackball mouse is not responsive and unresponsive/not working.
1.Check if your computer's Bluetooth drivers are up-to-date, then try again.

For 2.4GHz Wireless Connection

1.Plug USB Adapter into a USB port (preferably a USB port directly on your computer).
2.When using a 2.4GHz wireless device on a computer with USB Ports, ensure the receiver is connected to a USB port. Avoid using USB extension cables or USB storage devices to avoid signal interference.

Potential issues may include:
1.Mouse lag or slow response (Bluetooth keyboard)
Inability to enter characters with the keyboard
If the receiver is separated from the wireless trackball or keyboard, the connection will be lost or interrupted.

1.Insert the USB 3.0 Nano device from the receiver into a USB 3.0 port.

2.Use a USB extension cable to keep the USB Nano and USB 2.0 ports separate.

3.Connect the receiver to a USB 2.0 port.

4. Cant move the trackball (cursor).
1. Confirm if the receiver is properly connected to the USB port.
2. Confirm the power is set to the DPI switch (see section 3, "Preparation Before Use").
(Ensure the pairing has been allowed to charge and try again.
3.Check the DPI switch / pairing LED.

9.Compatible Devices & OS

•Compatible Devices:
Suitable for devices that support Bluetooth HID, including Windows 2000/XP, computers and tablets, Apple iMac series, iPad, iPhone, Chrome OS computers, Android tablets and smartphones.
※The communication range may vary depending on the environment.
※Bluetooth 5.0 devices may experience connection issues.
※All other products and trademarks are registered trademarks or trademarks of their respective manufacturers.

•Compatible OS:
Windows 11/10/8.1/8/7, Mac OS 10.11~11, macOS 10.14~15.7, Chrome OS, Android 11~15,iPad OS 13.1~16.2,iOS 16.
※The mouse is only standard applications with installed OS and wired drivers, such as keyboards and mice, are supported. If you use the trackball wireless, hub it cannot be used as a hub.

10.Specifications

•Bluetooth:

Bluetooth Version	Bluetooth 5.0(BLE) (Best)
Bluetooth Profile	HID(BLE)
Frequency Band	2402~2480 MHz (2.4GHz ISM Band)

•2.4GHz Wireless:

Frequency Band	2402~2480 MHz (2.4GHz ISM Band)
Data Rate	250 K
Wireless Signal	2.4GHz RF Wireless Signal

•General Specifications:

Product Dimensions	Wireless Surface (Non-Magnetic) Approx. 70m radius
Storage Temperature	-20~+60°C (-4~+140°F)
Wireless Sensitivity	※ The communication range may vary depending on the environment.
Operating Temperature	0~+40°C (32~104°F)
Battery Type	Rechargeable Lithium Polymer Battery
Battery Performance	Battery capacity: 300mAh Continuous Use Time: Approx. 300 hours Continuous Standby Time: Approx. 3000 hours Charging Time: Approx. 4 hours ※Based on 2 hours of daily operation (as with mouse usage). ※Battery life may vary. ※Time values are based on internally tested, ideal conditions. Actual results may vary depending on usage and environment. ※Please note that battery performance will gradually decline over time.
Size/Weight	Approx. W90.5*D119.5*H39.5mm/ 156g Receiver Approx. W15.1*D19.1*H5.0mm/ 1g Cable Approx. 1.8m/ Approx. 12g

11.Warranty

12.Customer Service

support@sanwa.com

FCC Statement

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.
(2) This device must accept any interference received, including interference that may cause undesired operation.
Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
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.
(2) This device must accept any interference received, including interference that may cause undesired operation.
WARNING: Do not operate in environments with explosive hazards.

Correct Disposal of This Product

Waste Electrical & Electronic Equipment
This marking shown on the product or its literature, indicates that the product within its electrical accessories should not be disposed of with other household wastes at the end of their working life.
To prevent possible harm to the environment or human health from uncontrolled disposal of waste, please separate these items from other types of waste and recycle them responsibly to promote the sustainable reuse of material resources.
Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take these items for environmentally safe recycling.
Business users should contact their supplier and check the terms and conditions of the purchase contract. This product should not be mixed with other commercial wastes for disposal.

SANWA SUPPLY INC.