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Chic Technology Corp.

The copy is according to the product information provided by engineers.

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Writer	R & D Engineer	R & D Director
Vera		

Bluetooth™

Bluetooth Optical Mouse
with Button Dongle

User's Quick Guide

Federal Communications Commission (FCC) requirements, Part 15
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. 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

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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.

CAUTION: Any changes of modifications not expressly approved by the grantee of this device 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, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE:

THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

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CE Declaration of Conformity

Hereby, the manufacturer, declares that this Bluetooth Optical Mouse is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

Essential requirements - Article 3

Protection requirements for health and safety - Article 3.1a

--Testing for electric safety according to EN 60950 has been conducted. These are considered relevant and sufficient.

Protection requirements for electromagnetic compatibility -Article 3.1b

--Testing for electromagnetic compatibility according to EN 301 489-1, EN 301 489-17 and EN 55024 has been conducted. These are considered relevant and sufficient.

Effective use of the radio spectrum -Article 3.2

--Testing for radio test suites according to EN 300 328-2 has been conducted. These are considered relevant and sufficient.

CAUTION: The batteries may explode or leak if they are improperly recharged, inserted, disposed in fire or mixed with used or different battery types.

Congratulations on your purchase of this Bluetooth Optical Mouse, the most advanced technology in the world.   Please carefully read the User's Quick Guide to learn about the installation and the powerful functions of your new Bluetooth Optical Mouse.

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Contents of the Package

✓ Bluetooth Optical Mouse

✓ Button Dongle

✓ Battery: AA * 2 or AAA * 2

✓ Dongle Driver CD-ROM

✓ Mouse Driver CD-ROM

✓ User's Quick Guide

System Requirements

- Processor: Intel Celeron, Pentium III or higher processor; AMD Duron, Athlon
- Operating System: Support Windows 2000 and XP
- System Memory: 128MB at least
- Hard Drive Free Space: 11.5MB
- Interface: USB port on the PC

Key Features

● Bluetooth Technology: Follow the standard Bluetooth V 1.1/ 1.2 compliant.

● Bluetooth Dongle: A wireless transceiver for up to 7 Bluetooth devices.

● Mouse with Intelligent Optical Sensor and Power Saving: Automatically detect the color of surfaces and adjudge the brightness of the sensor beam with enhanced light for dark surfaces and diminished beam for light surfaces.

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Hardware Installation

Note:

- *Recommend to follow the "Classical Installation" in order to have a full Bluetooth function application.*
- *If you select to install the device without the Bluetooth Dongle Driver, which is "Boot Mode Installation", you will only get the RF performance of Bluetooth without its platform and hot key applications.*

● **Classical Installation (with Bluetooth Dongle Driver)**
1. Turn on the computer.
2. Uninstall any previous versions of the Bluetooth drivers in the system.
3. Restart the computer and then place the Bluetooth Dongle Driver CD-ROM into the computer. The driver will run automatically and prepare for installation.
4. You will find a pop-up window "Bluetooth device not found". Plug the dongle into the computer and then click "OK".
5. The system will begin to search the Bluetooth device and complete the driver installation.
6. You will find a pop-up window "Install Shield Wizard". Click "Finish".
7. Place batteries into the mouse.
8. Press the mouse's scroll and then synchronously press the mouse's link button for 3 seconds to wake up the mouse sensor.
9. Press the link button of the dongle until the dongle's LED is flashing.
10. Press the pairing button of the mouse.
11. Double click the Bluetooth icon on the task bar of Windows to set up the device.
12. You will find a pop-up window "Initial Bluetooth Configuration Wizard". Select the configuration items and then click "Next".

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13. Enter the pairing mode and choose one of the listed devices. Click "Next".

14. You will find the connection status of Bluetoth devices. You may click "Cancel" to exit the connection status.

● **Boot Mode Installation (without Bluetooth Dongle Driver)**

1. Turn on the computer and check if the USB Mouse Support in BIOS is enabled.

2. Place batteries into the mouse.

3. Press the mouse's scroll and then synchronously press the mouse's link button for 3 seconds to wake up the mouse sensor.

4. Plug the dongle into the computer.

5. Press the link button of the dongle until the dongle's LED is flashing.

6. Press the pairing button of the mouse until the optical LED is lighting. This means the mouse has entering the pairing mode.

7. The dongle's LED will stop flashing. You can press the left key of the mouse to check if the mouse function is ready.

8. You may start to install the Bluetooth Dongle Driver by execute the file "Inst.exe" and follow Step 5~12 of "Classical Installation to complete the Bluetooth device installation.

9. The computer system will automatically transfer the HID mode to the HCI mode.

Bluetooth Tray Introduction

After installing the software, you would find a shortcut icon to My Bluetooth Places on your desktop. However, there is another icon that you will see after successful installation of the software.

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The Bluetooth Tray provides quick access to numerous Bluetooth operations. From the tray, you can:

- **Have Access to My Bluetooth Places:** Double click the Bluetooth tray icon.
- **Have Access to the Bluetooth Setup Wizard:**
  The wizard will help you
  - Configure how this computer accesses a service on another Bluetooth device
  - Locator remote Bluetooth devices
  - Configure the way that this computer provides services to remote Bluetooth devices
  - Set the name and type of this Bluetooth device
- **Have Access to the Bluetooth Configuration Panel:** Right click the Bluetooth tray icon. Select "Advanced Configuration".
- **Have Quick Connect Option:** Right click the Bluetooth icon, select "Quick Connect", and then select the type of service to which you wish to connect.
- **Start/ Stop Blueooth on the Computer.**

My Bluetooth Places

- After you have successfully installed the Bluetooth software, you will see an icon on the desktop and an icon on Windows System Try. There are two shortcuts to My Bluetooth Places.
  - ✓ **To Start Bluetooth:** Right click the icon on Windows System Tray and select "Start". The Bluetooth icon is blue in color with a white insert when Bluetooth is running.
  - ✓ **To Stop Bluetooth:** Right click the icon on Windows System Tray

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and select "Stop". Bluetooth icon is blue in color with a red insert when Bluetooth is stopped.

- **My Bluetooth Places is part of Windows Explorer. There are multiple ways to access My Bluetooth Places:**
  - ✓ In the Wondows system tray
    - Right click the Bluetooth icon and select "Explore My Bluetooth Places", or
    - Double click the Bluetooth icon
  - ✓ On the desktop
    - Double click the Bluetooth icon
  - ✓ Open Windows Explorer and select "My Bluetooth Places" in the Folder panel or from the Address shortcut menu.

- **Finding Bluetooth Devices**

  You are now ready to search for available Bluetooth devices that are within connection range. There are two ways to do this:
  1. From the desktop: Right click the My Bluetooth Places icon. First select "Open", and then select "Entire Bluetooth Neighborhood".
  2. Double click My Bluetooth Places and then double click "Entire Bluetooth Neighborhood".

  If you still cannot find some devices that are within connection range, there are two possibilities:
  1. Your device is configured to report only specific types or classes of devices. To change this, modify your device's configuration in the Discovery tab of the Bluetooth Configuration Panel.
  2. The remote or inlisted device is in the non-discoverable mode. To change this, modify the remote device's configuration in the Accessibility tab of the Bluetooth Configuration Panel.

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Bluetooth Icon Introduction

● **Bluetooth Status Icons**

Status	Icon	Description Paired
Enable		Blue with White
Disabled		Blue with Red
Connected		Blue with Green

● **Device Status Icon**

Device Type	Normal	Connected	Paired
Human Interface Device			

Human Interface Device

The Human Interface Device (HID) Application allows this computer to wireless use one or more remote Bluetooth HIDs as input/ output devices.

● **Create a Bluetooth HID Connection:**
Note:
- *Some HIDs have multiple modes. Before establishing a connection, be sure that HID is in the desired mode. For*

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> *example, in the case of an HID that can function as both mouse and a laser printer, be sure the mode switch is set to "Mouse" before attempting to connect.*
>
> - *HIDs usually have a button, which is sometimes difficult to find, that must be pressed before other Bluetooth devices can locate the HID. Even after the button is pressed, the HID can only be discovered for a limited time, and then the button must be pressed again. The time period can be as short as 30 seconds or as long as 180 seconds. Read the document that accompanies the HID before you attempt to connect to the devices.*

1. On the "Client", open My Bluetooth Places by double-clicking the icon on your desktop.
2. Select "Enter Bluetooth Neighborhood".
3. Right click anywhere except on a device name and select "Refresh" from the pop-up menu to see an updated list.
4. Double click HID devices.
5. Once an HID connection is established, that connection will persist.   If the computer is shut down, when the computer is turned on again the connection will re-establish automatically.

● **Close a HID Connection:**

Under normal circumstances, there is no reason to close an HID connection; once established the connection is maintained automatically, even during the power off and power on processes.

If, for some reason, the connection must be closed: from My Bluetooth Places, right click the service name and select "Disconnect".

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When an HID connection is closed manually by operator, the connection's "persistence" is broken. The connection must be re-established manually, after which the connection will again persist until broken manually.

Mouse Driver Installation

1. Insert the driver CD-ROM to your computer➔Double click "Setup.exe" and follow the setup instructions to complete the driver installation.
2. A Mouse Setting icon will appear on the task bar of Windows➔Double click the icon to set the button functions.

Charge Mode
Note:
- *Please skip this section if your mouse is not rechargeable.*
- *Some mice may have only one charge mode.*
- *Please use rechargeable batteries for the chargeable mouse. At the first time of usage, please charge the AAA batteries at least 6 to 8 hours and 10 to 12 hours for AA batteries.*
- *If the charge mode is for the express type, please charge the batteries for 3 hours.*

1. Charge through the AC-to-DC Adapter: Connect the adapter's DC jack to the mouse for charging.
2. Charge through the USB-to-DC Cable: Connect the cable with the mouse and then plug the USB connector of the cable to the PC.

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Notification

● This equipment is intended for use in the following countries.

28 European Countries:

Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Hungary, Germany, Greece, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovak Republic, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

● Please do not change the frequency, features and functions of wireless mice from the original design.

● The scroll wheel or the LED indicator on the mouse will light while the mouse is low battery. Please change or recharge the batteries immediately.

● Scroll the wheel to wake up the mouse while the mouse is in the sleeping mode.

● The optical technology can precisely detect the mouse motion on most surfaces. Please avoid using the optical mouse on any reflective, transparent, metallic or complex-pattern surface.

● Recommendation: please do not use the mouse during charge periods.

Specifications

- Bluetooth Technology: Meets Bluetooth V 1.1/ 1.2 and HID Profile V0.95C
- Frequency Band: 2.4~2.4835GHz unlicensed ISM band
- RF Output Power: Class II (under 4 dB)
- Indoor Coverage Range: Min. 10 m in general environments.
- Max. Date Rate: Up to 720 Kbps

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- Mouse Button: 3 or 5
- Mouse Battery: AA * 2 or AAA * 2
- Computer Port: USB
- OS: Support Windows 2000 and XP