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### Cherry MC 4900

# Cherry MC 4900 Biometric Mouse User Manual

MODEL: MC 4900 (JM-A4900)

## Introduction

The Cherry MC 4900 Biometric Mouse is a high-performance wired USB optical mouse designed for secure and efficient computer interaction. It features an integrated fingerprint reader, enabling convenient and robust authentication through systems like Windows Hello. Its symmetrical design ensures comfortable use for both right and left-handed users.





*Image: Cherry MC 4900 Biometric Mouse, top view. This image displays the mouse's ergonomic shape, the central scroll wheel, and the integrated fingerprint sensor located below the scroll wheel. The mouse is silver and black.*

## Package Contents

Please verify that all items are present in the package:

- Cherry MC 4900 Biometric Mouse
- User Manual (this document)

## Features

- Integrated fingerprint reader for secure authentication
- Supports Windows Hello for quick login
- Software Development Kit (SDK) available for integration into custom applications
- Three-button design with a responsive scroll wheel
- Symmetrical shape for comfortable use by both right and left-handed users
- Optical sensor with 1375 dpi for precise tracking
- Wired USB connection with a 5' 7" (approximately 1.7 meters) cable

## Setup

### System Requirements

- Operating System: Windows (specific versions may vary for full fingerprint functionality)
- Available USB port

### Connecting the Mouse

1. Locate an available USB port on your computer.
2. Insert the USB connector of the Cherry MC 4900 mouse into the USB port.



*Image: USB-A connector. This image shows the standard USB-A plug of the mouse cable, which connects to a computer's USB port.*

The operating system should automatically detect the mouse and install the necessary drivers for basic mouse functionality. For the fingerprint reader, additional software or configuration may be required, especially for features like Windows Hello.

### Fingerprint Reader Software Installation (Windows Hello)

1. Ensure your Windows operating system is up to date.
2. Navigate to **Settings > Accounts > Sign-in options**.
3. Under "Windows Hello Fingerprint," click **Set up**.
4. Follow the on-screen instructions to enroll your fingerprints. You will be prompted to scan your finger

multiple times from different angles to ensure accurate recognition.

5. It is recommended to enroll multiple fingers for convenience and backup.

For integration with other applications using the SDK, refer to the specific SDK documentation provided by Cherry.

## Operating the Mouse

### Basic Mouse Functions

- **Left Button:** Primary click for selecting items, opening files, etc.
- **Right Button:** Secondary click for context menus and additional options.
- **Scroll Wheel:** Scroll up or down through documents and web pages. Can also be pressed as a middle button for specific functions (e.g., opening links in new tabs).

### Using the Fingerprint Reader

- **Login/Authentication:** When prompted for authentication (e.g., Windows login, secure websites, or applications configured with the SDK), gently place your enrolled finger on the fingerprint sensor. The system will verify your identity.
- **Best Practices:** Ensure your finger is clean and dry. Place your finger flat on the sensor for optimal recognition.

## Maintenance

- **Cleaning the Mouse:** Use a soft, slightly damp, lint-free cloth to wipe the exterior of the mouse. Avoid abrasive cleaners or solvents.
- **Cleaning the Fingerprint Sensor:** Gently wipe the sensor surface with a clean, dry, soft cloth. Do not use liquids or harsh chemicals on the sensor.
- **Storage:** Store the mouse in a clean, dry environment when not in use.
- **Cable Care:** Avoid sharp bends or excessive pulling on the USB cable to prevent damage.

## Troubleshooting

### Mouse Not Responding

- **Check USB Connection:** Ensure the USB cable is securely plugged into a working USB port on your computer.
- **Try Another USB Port:** Connect the mouse to a different USB port on your computer.
- **Restart Computer:** A system restart can often resolve connectivity issues.
- **Test on Another Computer:** If possible, test the mouse on another computer to determine if the issue is with the mouse or your system.

### Fingerprint Reader Not Working

- **Clean Sensor:** Ensure the fingerprint sensor is clean and free of dirt or moisture.
- **Re-enroll Fingerprint:** If recognition is consistently failing, try deleting and re-enrolling your fingerprints in Windows Hello settings.
- **Check Drivers:** Verify that the latest drivers for the fingerprint reader are installed. Check Windows Device Manager for any error indicators.
- **Windows Hello Settings:** Confirm that Windows Hello Fingerprint is enabled and configured correctly in your system settings.

Erratic Cursor Movement

- **Clean Optical Sensor:** Ensure the optical sensor on the underside of the mouse is clean and unobstructed.
- **Mouse Pad/Surface:** Use the mouse on a clean, non-reflective, and uniform surface. Avoid highly reflective or transparent surfaces.

Specifications


Brand	Cherry
Model	MC 4900 (JM-A4900)
Connectivity	Wired USB
Sensor Type	Optical
DPI (Dots Per Inch)	1375 dpi
Number of Buttons	3 (Left, Right, Scroll Wheel/Middle)
Fingerprint Reader	Integrated (UPEK TCS2 TouchChip)
Cable Length	5' 7" (approx. 1.7 meters)
Compatibility	Windows
Dimensions (LxWxH)	5.25 x 2.6 x 1.6 inches (approx. 13.3 x 6.6 x 4.1 cm)
Weight	6.4 ounces (approx. 181 grams)
Color	Silver/Black




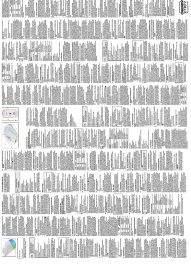

Warranty and Support

For warranty information, technical support, or further assistance, please refer to the official Cherry website or contact Cherry customer service directly. Keep your proof of purchase for warranty claims.

Official Cherry Website: [www.cherry.de/en/](http://www.cherry.de/en/)

Related Documents - MC 4900

	<p><a href="#">CHERRY MW 8C ERGO Wireless Mouse User Manual and Guide</a></p> <p>Comprehensive user guide for the CHERRY MW 8C ERGO wireless mouse, covering setup, connection (Bluetooth, RF), operation, DPI settings, charging, cleaning, troubleshooting, technical specifications, and compliance information.</p>
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	<p><a href="#">CHERRY STREAM MOUSE ULTIMATE User Manual</a></p> <p>Comprehensive user guide for the CHERRY STREAM MOUSE ULTIMATE wireless mouse, covering setup, features, troubleshooting, and technical specifications.</p>
	<p><a href="#">CHERRY MW 8 ADVANCED Wireless Mouse: User Manual and Guide</a></p> <p>Comprehensive user manual for the CHERRY MW 8 ADVANCED wireless mouse, covering setup, Bluetooth and RF connectivity, DPI settings, charging, troubleshooting, and technical specifications.</p>
	<p><a href="#">CHERRY MW 4500 Wireless Ergonomic Mouse User Manual</a></p> <p>User manual for the CHERRY MW 4500 wireless ergonomic mouse, providing instructions on setup, usage, cleaning, and troubleshooting. Includes technical specifications and compliance information.</p>
	<p><a href="#">Cherry M50 Wireless Gaming Mouse User Manual and Specifications</a></p> <p>Official user manual for the Cherry M50 Wireless Gaming Mouse (JW-5000). Includes setup guide, features, technical specifications, safety information, and troubleshooting tips.</p>
	<p><a href="#">Cherry XTRFY M64 PRO Gaming Mouse Quick Start Guide</a></p> <p>User guide for the Cherry XTRFY M64 PRO wireless gaming mouse. Learn how to set up, charge, check battery, adjust CPI, polling rate, debounce time, lift-off distance, motion sync, sensor mode, and perform a factory reset.</p>