

**CHERRY** 



reddot winner 2026



**STREAM MOUSE  
ULTIMATE**

DATASHEET

# CHERRY STREAM MOUSE ULTIMATE

**THE ULTIMATE MOUSE FOR PROFESSIONALS WHO DEMAND MORE. ERGONOMICS, PRECISION, AND MULTI-DEVICE FLEXIBILITY – ALL IN ONE PROFESSIONAL TOOL.**

ENGINEERED FOR PROFESSIONALS – BUILT FOR MAXIMUM CONTROL

The CHERRY STREAM MOUSE ULTIMATE is more than just a mouse – it's a tool for power users who rely on precision in their daily work, whether it's in Excel, CAD, graphic design, or software development. With unmatched accuracy, customizable performance, and ergonomic comfort, it supports long hours of focused productivity.

**ProScroll – The Next-Generation Scroll Wheel**

At the heart of the STREAM MOUSE ULTIMATE lies the revolutionary CHERRY ProScroll technology. It adapts to your workflow – glide swiftly through long documents, scroll precisely through CAD drawings, or move effortlessly through code. Choose between tactile steps, smooth motion, or fast scrolling – or configure a custom scroll profile that suits your preferences perfectly.

**Work Without Compromise – Lasting Comfort**

Crafted specifically for right-handed users, the ergonomic shape and rubberized Voronoi-patterned thumb rest offer natural support and reduce fatigue over extended periods. The 7-button layout is intuitively positioned to enhance workflow without breaking your concentration.

**Flexible Multi-Device Connectivity**

Whether you're using a desktop PC, laptop, tablet, or workstation, the STREAM MOUSE ULTIMATE connects seamlessly via two Bluetooth® 5.2 channels, 2.4 GHz wireless, or USB cable. Switching between devices is fast and effortless at the push of a button. The compact nano receiver conveniently stores inside the mouse when not in use.

**Smart Technology for Professional Performance**

A high-performance sensor with four adjustable DPI levels – 1,000 to 4,000 dpi – ensures precise tracking for any task. Built-in status LEDs keep you informed on battery level, DPI setting, and active scroll mode at a glance.

**Secure. Durable. Sustainable.**

With AES-128 encryption, your data is securely transmitted whether connected via Bluetooth® or wireless dongle. The rugged housing is made with a high proportion of recycled plastic and enhanced with elegant copper highlights – a statement in both design and sustainability.

**The Ideal Mouse for Power Users**

The CHERRY STREAM MOUSE ULTIMATE is the perfect solution for professionals who demand exceptional precision, tailored control, and ergonomic comfort in their daily workflows. It's the go-to choice for those who won't settle for less when it comes to their tools.

The CHERRY STREAM MOUSE ULTIMATE features the innovative CHERRY ProScroll wheel, offering customizable scrolling modes – tactile, smooth, or fast – for unmatched precision in tasks like CAD, code editing, or document navigation. With multi-device support via two Bluetooth® 5.2 channels, 2.4 GHz wireless, and USB cable, switching between devices is effortless at the push of a button. Designed for right-handed users, it combines ergonomic comfort, a 7-button layout, and a thumb rest for fatigue-free productivity. A high-precision sensor with adjustable DPI, built-in status LEDs, and AES-128 encryption in both Bluetooth® and 2.4 GHz modes, ensures secure, responsive performance across all platforms. Sustainability and style come together in its durable housing, made from recycled plastic and finished with premium copper accents.



## HIGHLIGHTS

- CHERRY ProScroll: Customizable scroll wheel with tactile, smooth, or fast scrolling options.
- Maximum connectivity: Two Bluetooth® 5.2 channels, 2.4 GHz wireless, and wired mode
- Ergonomic design for right-handed use: 7-button layout with non-slip thumb rest and modern Voronoi texture.
- Precision control: Adjustable sensor with four DPI levels – up to 6,000 dpi.
- 1000 Hz polling rate: Extremely fast signal transmission for immediate response times
- Quiet operation: Whisper-silent clicks for distraction-free work.
- Smart status indicators: LEDs display battery level, DPI setting, and scroll wheel preset.
- Charge while you work: Detachable USB-A to USB-C cable for charging and data transfer.
- Advanced data security: AES-128 encryption in wireless and Bluetooth® modes.
- Sustainability meets design: Durable housing made with high recycled content and premium copper accents.

## SCOPE OF DELIVERY

- Manual
- Mouse
- Nano-USB-Receiver
- USB-A to USB-C Cable

# TECHNICAL DATA

## PRODUCT INFORMATION

Model number	JD-857M
Warranty	1 additional year voluntary limited manufacturers warranty
Product approvals	<ul style="list-style-type: none"><li>- CE</li><li>- China RoHS</li><li>- FCC</li><li>- UKCA</li></ul>
Software support	<ul style="list-style-type: none"><li>- CHERRY KEYS</li><li>- CHERRY Utility Software &amp; Assistant</li></ul>
Operating system	<ul style="list-style-type: none"><li>- Windows 7 or higher</li><li>- Windows 10</li><li>- Windows 11</li><li>- Android</li><li>- iOS</li><li>- iPadOS 16 or higher</li></ul>
System Requirements-Hardware	<ul style="list-style-type: none"><li>- USB-A</li><li>- Bluetooth® 5.0</li></ul>

## TEMPERATURE

Min. operating temperature	0 °C
Max. operating temperature	50 °C

## MOUSE

Number of keys	7
Thumb buttons	yes

Sensor	PAW3809EK-CXML SENSOR LGA20PIN (GP+HF) 4000dpi
Illumination	white
Switch type	silent
Model-number Mouse	JD-857M
Number of side buttons	2
Polling rate	125 Hz

## WIRELESS

USB dongle	yes
2.4 Ghz wireless connection	yes
Wireless range	10 m
Encryption in wireless mode	yes

## BLUETOOTH

Connection via Bluetooth	yes
Encryption in Bluetooth mode	yes
Bluetooth protocol	Bluetooth® 5.2

## BATTERY

Number of batteries	1
Battery type	Li-Ion
Battery rechargeable	yes
Battery replaceable	no

# PRODUCT VARIANTS

## PART NUMBER

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JW-8570-2

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# CHERRY STREAM MOUSE ULTIMATE [JW-8570-2]



**Product colour:** Black

Part number	JW-8570-2
EAN	4025112119019
UPC	840183609146

## PRODUCT INFORMATION

Model number	JD-857M
Warranty	1 additional year voluntary limited manufacturers warranty
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System Requirements-Hardware	<ul style="list-style-type: none"><li>- USB-A</li><li>- Bluetooth® 5.0</li></ul>
Dimensions inc. packaging	145 mm × 100 mm × 79,8 mm   359 g

## TEMPERATURE

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## MOUSE

Number of keys	7
Thumb buttons	yes
Illumination	white
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Polling rate	125 Hz

## WIRELESS

USB dongle	yes
2.4 Ghz wireless connection	yes
Wireless range	10 m
Encryption in wireless mode	yes

## BLUETOOTH

Connection via Bluetooth	yes
Encryption in Bluetooth mode	yes
Bluetooth protocol	Bluetooth® 5.2

## BATTERY

Number of batteries	1
Battery type	Li-Ion
Battery rechargeable	yes
Battery replaceable	no
Maximum Charging Capability	1,000 mW
Minimum Charging Capability	1,000 mW

## © Cherry Europe GmbH

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