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> J-Tech Digital Ergonomic Left Hand Mouse with Wireless Connection, AA Battery, 2.4GHz Nano Transceiver, 800, 1200, 1600, 2400 Adjustable DPI; Compatible with Windows and MAC OS [V628ML]

J-Tech Digital V628ML

J-Tech Digital V628ML Ergonomic Left Hand Wireless Mouse User Manual

Model: V628ML

1. INTRODUCTION

The J-Tech Digital V628ML is a wireless vertical mouse specifically designed for left-handed users. Its ergonomic design aims to provide comfort and support, promoting a natural hand and arm position to reduce strain during computer use. This manual provides comprehensive instructions for setting up, operating, maintaining, and troubleshooting your V628ML mouse.



Figure 1: J-Tech Digital V628ML Ergonomic Left Hand Wireless Mouse, side view. This image displays the unique vertical design of the mouse, engineered for a natural hand grip.

Left Hand Ergonomic Design



Figure 2: Comparison illustrating the ergonomic benefits. The top image shows a hand in a natural, relaxed position on the vertical ergonomic mouse, reducing pressure on the carpal tunnel area. The bottom image shows a hand in a pronated, strained position on a traditional mouse, which can lead to fatigue and discomfort.

2. PACKAGE CONTENTS

Please verify that all items are present in your package:

- 1 x J-Tech Digital V628ML Wireless Mouse
- 1 x USB Receiver (Nano Transceiver)
- 1 x 1.5V AA Battery
- 1 x User Manual (this document)

3. PRODUCT OVERVIEW

Familiarize yourself with the various buttons and components of your V628ML mouse:



Figure 3: Product diagram of the V628ML mouse. This diagram labels the Left Click button, Scroll Wheel, Right Click button, Forward & Backward buttons, DPI Cycle button, On/Off button, and the location for the USB Receiver.

1. **Left Click Button:** Standard primary click function.
2. **Right Click Button:** Standard secondary click function.
3. **Scroll Wheel:** For vertical scrolling and middle-click functionality.
4. **Forward & Backward Buttons:** For navigating web pages or folders.
5. **DPI Cycle Button:** Adjusts the mouse sensitivity (DPI).
6. **On/Off Button:** Powers the mouse on or off.
7. **USB Receiver Slot:** Storage for the 2.4GHz Nano USB transceiver.

4. SETUP INSTRUCTIONS

4.1 Battery Installation

1. Locate the battery compartment on the underside of the mouse.
2. Open the battery compartment cover.
3. Insert the provided 1.5V AA battery, ensuring correct polarity (+/-).
4. Close the battery compartment cover securely.

4.2 Connecting the USB Receiver

1. Remove the Nano USB receiver from its storage slot on the underside of the mouse.
2. Plug the USB receiver into an available USB port on your computer (Windows PC, Mac, or Linux).
3. Your computer should automatically detect and install the necessary drivers. This may take a few moments.

4.3 Powering On the Mouse

- Slide the On/Off switch, located on the underside of the mouse, to the "On" position.
- The mouse is now ready for use.

5. OPERATING INSTRUCTIONS

5.1 Basic Usage

Move the mouse across a flat surface to control the cursor on your screen. Use the left and right click buttons for primary and secondary actions, respectively. The scroll wheel allows for vertical navigation within documents and web pages.

5.2 Adjusting DPI Sensitivity

The V628ML mouse features 4 adjustable DPI (Dots Per Inch) settings, allowing you to customize cursor speed and sensitivity. To change the DPI setting, press the DPI Cycle button located near the forward and backward buttons. Each press will cycle through the available settings:

- 800 DPI
- 1200 DPI
- 1600 DPI
- 2400 DPI

4 Adjustable DPI Levels

DPI Levels



Figure 4: DPI adjustment levels. This graphic shows the four DPI settings and indicates the location of the DPI button for cycling through them.

5.3 Using Forward & Backward Buttons

The dedicated forward and backward buttons, conveniently placed for your thumb, allow for quick navigation in web browsers and file explorers.

6. COMPATIBILITY

The J-Tech Digital V628ML mouse is compatible with the following operating systems:

- Windows PC
- Mac OS
- Linux

7. MAINTENANCE

7.1 Cleaning

To maintain optimal performance and hygiene, regularly clean your mouse:

- Ensure the mouse is powered off.
- Use a soft, lint-free cloth lightly dampened with water or a mild cleaning solution.
- Avoid excessive moisture and do not spray cleaners directly onto the mouse.
- Clean the optical sensor on the underside of the mouse with a dry cotton swab to prevent tracking issues.

7.2 Battery Replacement

When the mouse performance degrades or it stops responding, it may be time to replace the battery. Follow the battery installation steps in Section 4.1.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Mouse not responding	Low battery; Mouse is off; USB receiver not connected; Driver issue.	Replace battery; Turn mouse on; Ensure USB receiver is firmly plugged in; Try a different USB port; Restart computer.
Erratic cursor movement	Dirty optical sensor; Unsuitable surface; Interference.	Clean optical sensor; Use on a clean, non-reflective mouse pad; Move mouse closer to receiver; Remove other 2.4GHz devices.
Forward/Backward buttons not working	Application does not support these functions; Driver issue.	Verify functionality in a web browser; Ensure drivers are correctly installed.
Mouse goes to sleep too quickly	Power-saving feature.	Click any button to wake the mouse. This feature conserves battery life.

9. SPECIFICATIONS

- **Model:** V628ML
- **Buttons:** 6 (Left-click, Right-click, Page Forward, Page Backward, Scroll Wheel Click, DPI Adjustment)
- **DPI Settings:** 800 | 1200 | 1600 | 2400 (Adjustable)
- **Connectivity:** 2.4GHz Wireless (Nano USB Transceiver)
- **Tracking Method:** Optical
- **Wireless Connection Distance:** Up to 30 Feet
- **Refresh Rate:** 125 Hz
- **Power:** 1 x 1.5V AA Battery
- **Voltage/Current:** 1.5V/15mA
- **Material:** ABS
- **Product Dimensions:** 4 x 3 x 3 inches (approximately 10.16 x 7.62 x 7.62 cm)
- **Item Weight:** 5.6 ounces (approximately 158.76 grams)



Figure 5: Physical dimensions of the V628ML mouse. The image indicates a height of 3.9 inches (9.9 cm) and a width of 3.2 inches (8.13 cm).

Recommendation According To Palm Size

Palm Size



PALM SIZE

XS	XS 2.25 in – 2.75 in
S	S 2.75 in – 3.25 in
M	M 3.25 in – 3.75 in
L	L 3.75 in – 4.25 in
XL	XL 4.25 in – 4.5 in

Recommended Model

XS-S



V628M



V628ML (Left-handed)

M-L



V628



V628P



V628R



V638R

XL



V628X

Figure 6: Palm size recommendation. This chart suggests the V628ML model is best suited for users with XS-S palm sizes (2.25 - 3.25 inches).

10. WARRANTY AND SUPPORT

All J-Tech Digital products include a One-Year Manufacturer Replacement Warranty. Additionally, free lifetime technical support is available from our customer support team located in Sugar Land, TX.

- **Warranty Period:** One-Year Manufacturer Replacement Warranty
- **Technical Support:** Free lifetime technical support
- **Support Hours:** 9 AM – 6 PM CST, Monday through Friday
- **Contact Information:** Please refer to the J-Tech Digital seller page on Amazon for current contact details.

For further assistance or warranty claims, please contact J-Tech Digital customer support.