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3Dconnexion 3DX-700080

3Dconnexion CadMouse Pro 3DX-700080 User Manual

Model: 3DX-700080 | Brand: 3Dconnexion

1. INTRODUCTION

The 3Dconnexion CadMouse Pro 3DX-700080 is a purpose-built wired mouse designed for design and engineering professionals. It features advanced ergonomics and precise calibration to provide exceptional comfort and silent operation. This manual provides instructions for setting up, operating, maintaining, and troubleshooting your CadMouse Pro.

2. PACKAGE CONTENTS

Verify that all items are present in the package:

- 3Dconnexion CadMouse Pro 3DX-700080
- Quick Start Guide (if included)
- Warranty Information (if included)

3. SETUP

3.1 Connecting the CadMouse Pro

The CadMouse Pro is a wired USB device. To connect it to your computer:

1. Locate an available USB port on your computer.
2. Insert the USB connector of the CadMouse Pro into the USB port.
3. The operating system should automatically detect the device.

3.2 Driver Installation

For full functionality and customization of your CadMouse Pro, it is recommended to install the latest 3Dconnexion drivers and software.

- Visit the official 3Dconnexion website: www.3dconnexion.com/drivers
- Download and install the appropriate drivers for your operating system.
- Follow the on-screen instructions to complete the installation.



Figure 1: Top view of the CadMouse Pro, highlighting the primary buttons and scroll wheel.

4. OPERATING THE CADMOUSE PRO

The CadMouse Pro is designed with specific features to enhance your CAD workflow.

4.1 Button Functions

- **Left Click Button:** Standard primary click function.
- **Right Click Button:** Standard secondary click function.
- **Middle Mouse Button:** Dedicated button for CAD applications, often used for pan, zoom, or orbit functions.
- **Scroll Wheel:** Used for scrolling documents and zooming in/out in CAD applications (Smart Mouse Wheel 2).
- **QuickZoom Buttons:** Two dedicated buttons located on the side for quick zoom in and zoom out functionality.
- **Programmable Buttons:** Five buttons are programmable via the 3Dconnexion driver software for custom commands and macros.



Figure 2: Side view of the CadMouse Pro, illustrating the QuickZoom buttons.

4.2 Smart Mouse Wheel 2

The Smart Mouse Wheel 2 offers adaptive scrolling speed and precision. It can switch between click-to-click and hyper-fast scrolling modes depending on the application and user input.

4.3 QuickZoom

The dedicated QuickZoom buttons allow for instant zooming in and out of your CAD models or documents with a single press. This feature can be configured through the 3Dconnexion software.

5. MAINTENANCE

5.1 Cleaning

To maintain optimal performance and hygiene, clean your CadMouse Pro regularly:

- Disconnect the mouse from your computer.
- Use a soft, lint-free cloth slightly dampened with water or a mild cleaning solution.
- Wipe the surface of the mouse gently. Avoid excessive moisture.
- Do not use harsh chemicals, abrasive cleaners, or solvents.
- Clean the optical sensor on the underside with a dry cotton swab if necessary.



Figure 3: Front-side view of the CadMouse Pro, illustrating its ergonomic design.

5.2 Storage

Store the CadMouse Pro in a clean, dry environment away from extreme temperatures and direct sunlight when not in use for extended periods.

6. TROUBLESHOOTING

If you encounter issues with your CadMouse Pro, refer to the following common solutions:

- **Mouse not responding:**
 - Ensure the USB cable is securely connected to both the mouse and the computer.
 - Try connecting the mouse to a different USB port.
 - Restart your computer.
- **Buttons or scroll wheel not working correctly:**
 - Verify that the 3Dconnexion drivers are installed and up to date.
 - Check the 3Dconnexion control panel for any custom settings that might be interfering.
 - Test the mouse on another computer to rule out a system-specific issue.
- **Cursor movement is erratic or imprecise:**
 - Clean the optical sensor on the underside of the mouse.
 - Ensure you are using the mouse on a suitable surface (e.g., a mouse pad, not highly reflective surfaces).
 - Check driver settings for sensor sensitivity.



Figure 4: Underside view of the CadMouse Pro, showing the optical sensor.

7. SPECIFICATIONS

Feature	Detail
Model Number	3DX-700080
Brand	3Dconnexion
Connectivity Technology	USB (Wired)
Movement Detection Technology	Optical
Number of Buttons	7 (including dedicated middle mouse button, 5 programmable buttons)
Special Feature	Ergonomic Design, Smart Mouse Wheel 2, QuickZoom
Color	Black
Item Weight	12.3 ounces (approximately 348.7 grams)
Package Dimensions	7.56 x 5.98 x 3.46 inches

8. WARRANTY AND SUPPORT

For detailed warranty information, product registration, and technical support, please visit the official 3Dconnexion website or contact their customer service.

- **Official Website:** www.3dconnexion.com
- **Support Page:** Refer to the website for specific support contact details and FAQs.