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QuickStart Guide

Desktop Setup

Place your CadMouse Compact on the right side of the keyboard.

Installation

1. Connect
Connect your 3Dconnexion CadMouse Compact to an USB port of your computer.

2. Download the latest 3Dconnexion software
Before starting the installation, make sure you have the latest 3Dconnexion software (3DxWare), which can be downloaded at 3dconnexion.com/drivers.

3. Install the 3Dconnexion software
Install the 3Dconnexion software by following the instructions.

4. Register your product
Register your product after the installation to benefit from 3Dconnexion services.
3Dconnexion CadMouse Compact

Middle Mouse Button

The CadMouse Compact features a dedicated Middle Mouse Button that helps you quickly access important application functions. It instantly recognizes the applications you are using, as well as their environments, and automatically assigns commands to the Button.

Functionality of the Middle Mouse Button in the following applications and environments:

**CAD applications:** Use the Middle Mouse Button to navigate (pan, zoom, orbit) within your drawings or 3D models.

**Windows:** Middle click an application icon on the Windows taskbar to open the application in a new window. To close the application, simply hover over the it’s icon and then middle-click the appearing thumbnail.

**Internet browsers:** Use the Middle Mouse Button to open a link in a new tab. To close a tab, simply click on it with the Middle Mouse Button.

**Other applications:** Use the 3Dconnexion Settings to assign your most frequently used commands to the Middle Mouse Button. You can, for example, assign the *Format Painter* command to the Middle Mouse Button in Microsoft Word or the *Enter* command in Microsoft Excel.

**Note:** The 3Dconnexion driver (3DxWare) is needed to utilize all the functions of the CadMouse Compact.
**Thumb Buttons**

Your CadMouse Compact comes with two Thumb Buttons, which help you navigate in CAD as well as in other applications. The CadMouse instantly recognizes the applications you are using, as well as their environments, and automatically assigns commands to the Thumb Buttons.

Functionality of the Thumb Buttons in the following applications and environments:

**CAD applications:** Press the Thumb Buttons to zoom in and out of the cursor’s position in your drawing or 3D model; fine tune the zoom level by continuing to keep the corresponding button pressed.

**Text or spreadsheet applications:** Use the Thumbs Buttons to quickly jump to the beginning or end of a document.

**Internet browsers:** While browsing you can easily jump forward or backward between web pages with the Thumb Buttons.

**Other applications:** Facilitate your work and use the 3Dconnexion Settings to assign your most frequently used commands to the Thumb Buttons.

**Note:** The 3Dconnexion driver (3DxWare) is needed to utilize all the functions of the CadMouse Compact.

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**On-Screen Display**

The On-Screen Display (OSD) provides a convenient visual reminder of the commands assigned to the Middle Mouse Button and the Thumb Buttons. After installing the driver, the OSD of the CadMouse Compact is hidden by default. To enable the OSD, open the **3Dconnexion Settings**, select the CadMouse Compact, click on **Buttons**, and activate the checkbox **Always show On-Screen Display**. You can easily drag and drop the OSD to a different position, where it is more convenient (e.g., on the taskbar near the systray). A click on the OSD opens the button mapping panel.

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**Radial Menu Button**

Located between the Mouse Wheel and the status LED you will find the Radial Menu Button of your CadMouse Compact. Clicking it opens an application or environment-specific radial menu, giving you access to your favourite commands with a simple mouse gesture. Learn in the section **Creating Radial Menus** how to easily create your own radial menus for any application.

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**Mouse Wheel**

The Mouse Wheel allows for both precise click-by-click zooming in CAD applications, as well as adjustable smart scrolling speed with inertia for fast but precise skimming of long documents or web pages.

The Mouse Wheel provides two scrolling modes:

**High Speed Mode:** Flick the mouse wheel once to scroll quickly across multiple pages (approximately 3 pages). Simply flick the mouse wheel again immediately afterwards, to increase the scrolling speed.

**Low Speed Mode:** To smoothly scroll through a document and read it at the same time, first flick the mouse wheel once, then rotate it (click by click) before the document stops to continue scrolling.

Move the mouse wheel by one increment in the opposite direction to stop scrolling.
3Dconnexion Settings

You can access the 3Dconnexion Settings panel either via 3Dconnexion Home (on your desktop), the icon in your notification area (systray), or the Windows start menu.

The name of the active application is displayed at the top of the panel. Any setting change is relevant to this application only.

If multiple 3Dconnexion devices are connected, you can select the desired product to configure by clicking on the flyout button at the top left of the panel.

**Speed**

This slider sets the speed for your CadMouse Compact on the screen.

*Note:* The CadMouse Compact speed slider sets speed globally for all applications.
**Advanced Settings**

Settings that can be configured in the Advanced Settings panel are not application-specific but are the same for all applications system-wide.

**Mouse Motion**

Enable Acceleration: If the mouse moves slow or fast, the cursor will move even slower or faster across the screen.

*Note:* Recommended setting is disabled.

**Sensor Polling Rate**

Select the frequency at which the CadMouse Pro communicates with your PC. A higher frequency results in more accurate tracking and smoother movement of the cursor.

**Mouse Wheel Speed**

Lines: Select the number of lines scrolled when the mouse wheel is moved 1 increment.

One page / one screen: Moving the mouse wheel 1 increment will scroll to the next/previous page.

**Smart Scrolling**

Adjustable smart scrolling speed with inertia in documents and browsers is ideal for working in many-paged documents, allowing the user to find specific pages quickly and easily.
**Buttons**

The **Buttons** panel within 3Dconnexion Settings allows you to assign commands, macros or radial menus to the programmable CadMouse Buttons. The name of the active application is displayed at the top of the panel. Any changes you make to CadMouse Compact settings are relevant to this application only.

While you are working in an application, the On-Screen Display always shows you the current assignment of the buttons for this app. To hide the OSD, uncheck **Always show On-Screen Display**.

You have the option to swap the right mouse button and the middle mouse button by checking **Swap Middle / Right Mouse Buttons**.

![Button Panel](image)

A note about Environment sensitivity: Some applications feature environment sensitive key mapping. In those applications you can have different key assignments depending on the current active environment.

**Assigning Quick Macros to buttons**

Click on the text in the key field and press the required key or key combination to quickly assign a keystroke or macro to a CadMouse button.

![Assigning Macro](image)

When a macro is created, it always sends a **press and release** command. If you want to assign a **press and hold** command instead (for example Ctrl or Shift), you should use the **Keyboard** command category in the flyout window.
Assigning Commands using the flyout window

Clicking on the > arrow on the right-hand side of the button field opens a flyout window for that CadMouse button: The category of the command that it is currently assigned to is highlighted in bold. The flyout window allows you to browse or search for commands in different categories such as 3Dconnexion or application commands. When you select a command by clicking on it, it is automatically assigned to the CadMouse button.

Creating Macros

First click on the > arrow on the right-hand side of the key field, then expand the Macro category and click on New Macro. This opens the macro editor where you can assign a name for your macro and a sequence of keystrokes in the corresponding fields. Clicking on Save will automatically assign the new macro to the button from where you opened the panel.
**Creating Radial Menus**

First click on the > arrow on the right-hand side of the button field, then expand the Radial Menu category and click on **New Radial Menu**.

This brings up the radial menu editor where you can assign a name and commands to the different sections. Your new radial menu will be automatically assigned to the button from where you opened the panel.
Once you have successfully installed the latest 3Dconnexion driver, 3Dconnexion Home gives you access to various 3Dconnexion apps:

**Trainer:**
Learn how to quickly use the 3Dconnexion SpaceMouse.

**Manual:**
Here you can find the manuals for all 3Dconnexion products.

**Settings:**
Open the settings panel to customize your 3Dconnexion devices.

**Viewer:**
Use the 3Dconnexion Viewer to review 3D models.

**Collage:**
3Dconnexion Collage lets you create high resolution picture collages with your SpaceMouse.

**Demo:**
Test and practice your skills by assembling the landing gear of an aircraft.

**Registration:**
Register your product after the installation to benefit from 3Dconnexion services.

**Videos:**
Find instructive videos for your 3Dconnexion devices.
Technical Specifications

Dimensions & Weight
Length: 115 mm / 4.5”
Width: 71 mm / 2.8”
Height: 41 mm / 1.6”
Weight: 96 g / 0.21 lb / 3.39 oz

Supported Operating Systems
Microsoft® Windows, macOS
More information

Supported Software
More information

Package Contents
3Dconnexion CadMouse Compact

Certifications and Registrations
CE, FCC, KC, RCM, BSMI, RoHS, WEEE, LUCID
More information

Warranty
3-year limited hardware warranty

Support
3dconnexion.com/support