

# 4D Web Cruiser

## 4D Optical Scroll Ball Mouse

### GME421 USER'S MANUAL

Read this guide thoroughly and follow the installation and operation procedures carefully to prevent any damage to the unit and/or any of devices it connects to:

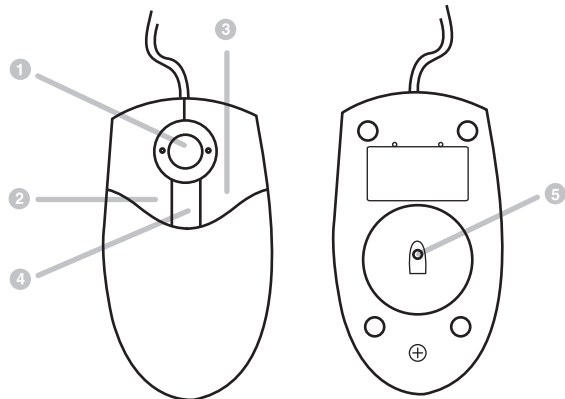
#### This package contains:

- 1 4D Optical Web Cruiser Mouse (Model #GME421)
- 1 User Manual
- 1 Registration Card
- Optional USB to PS/2 Adapter

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PKG-M0005

#### Pictorial Introduction

1. 4D (four directional) Scroll Ball
2. Left Click Button
3. Right Click Button
4. Third Mouse Button
5. Optical Sensor



#### Welcome

Congratulations on your new IOGEAR purchase!

The 4D Optical Web Cruiser is of the latest in computer peripheral technology. With the advent of optical technology in computer mice, the days of ball-mice are a thing of the past. Users of ball-mice, or mice that use a rolling ball to navigate, all share the common frustrations of dirty rollers. When the rollers become dirty, the mouse begins to skip and jump from location to location. Since the Web Cruiser has no moving parts, dirty rollers are no longer an issue. Great for gamers and graphics artists alike!

With an integrated 4-way scrolling ball, the Web Cruiser makes surfing the web and browsing documents a snap. Not only does the scrolling ball ease Web browsing, it doubles as a handheld, fully functional, trackball! So you can lie back in your favorite chair, free of desks or tables, and browse with comfort.

Once again, IOGEAR lays the standard for connectivity!

With a growing number of the general populous with Internet access, we encourage our customers to check out our web site <http://www.iogear.com/support> for general troubleshooting information, FAQ, and other related documents in our T.I.L. (Technical Information Library).

#### Contact Information:

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[www.iogear.com](http://www.iogear.com)

#### Installation Instruction

##### For Microsoft Windows 98, 98 SE, Millennium, and 2000 users...

\*If using the PS/2 adapter, please plug the mouse into your computer before turning it on.

\*PS/2 adapter is required for Windows NT.

1. Turn on your computer, and boot all the way into your Windows Operating System.
2. Insert the mouse 4D Optical Web Cruiser's USB connector into your computer's USB-enabled port. You will see a dialog box, showing the computer has detected a new device.



3. After a few moments, the laser light in your mouse will begin to flicker. This is completely normal, and should only last a few moments.
4. After a few moments pass, your mouse will now begin to function as a normal mouse. This may take longer, depending on your computer's speed, amount of memory, or Windows version.
5. You will now need to install the 4D Optical Web Cruiser software.
6. Simply insert the CD-ROM, included with your 4D Optical Web Cruiser.

#### Features

- 4D Scroll Ball Allows You to Scroll the Entire Area (Up, Down, Left, and Right)
- Able To Turn the Scroll Ball Into Track Ball (No Need to Move the Mouse Around)
- Superior Optical Sensor Tracks Movement 1500 Times Per Second - Providing Smooth Precision Tracking on Any Surface, with No Moving Parts To Clean, and No Need for Mouse Pads
- On Screen Digital Zoomer Magnifies Any Area On Screen
- USB and PS/2 Ready
- Ergonomic Contour Design for Comfortable Use
- 3 Year Limited Warranty

#### Requirement

##### For PC Users

Works with USB-compliant computers systems.

\*PS/2 connection is required for Windows NT Systems.

#### Other IOGEAR Products

Phaser-RF Wireless Mouse (GME321R)  
Hi-Speed USB 2.0 A to B Cable (G2LUAB06)  
Hi-Speed USB 2.0 PCI Card (GIC250U)  
USB 1.1 Hub (GUH7144)  
Hi-Speed USB 2.0 PCMCIA CardBus Card (GPU202)  
Hi-Speed USB 2.0 / FireWire Combo Card (GUF220)  
Hi-Speed USB 2.0 Hubs 4 (GUH204)

#### Installation Instruction Con'd

7. Open My Computer.



8. Open your CD-ROM



9. Double-click on the 4D CRUISER Directory



10. Double-click on the Setup file.



11. You have now started the 4D Optical Web Cruiser Installation, click "next".



Installation Instruction

12. You will now be presented with the directory the mouse files will be stored in, click "Next".
14. The Installer will now begin copying files. Once complete, click "Next".



13. You will now be asked for the folder your 4D Optical Web Cruiser will be installed in, click "Next".
15. The Installer will now prompt you to reboot your computer, click "Finish".



Installation Instruction Con'd

16. Recommend to reboot computer now.
- NOTE: If your mouse still fails to function, ensure you have the latest USB updates for your copy of Microsoft Windows. Refer to <http://windowsupdate.microsoft.com> for the latest Critical Updates available from Microsoft.
17. Congratulations! Your new 4D Optical Web Cruiser is now installed. Your mouse will now function as a normal mouse.

Operation

Mouse Magnifier

To enable the mouse pointer magnification feature, press the Third Mouse Button ❶ once. You will notice that a small box appears where your mouse pointer was. Move the mouse around to control where you would like the magnifier to go. You can also resize the magnification box. To do so simply scroll up on the scroll ball to increase the size or scroll down to decrease the size of the box. Once you are finished using the magnifier simply press the number three button again and the mouse pointer will return to its original shape and function.

Switching from normal optical mouse control to trackball control.

To use your Web Cruiser as a trackball simply press and hold the Third Mouse Button ❹ while pressing the Right Click Button ❸. This will switch the control of the mouse from the optics on the bottom to the trackball on the top of the mouse. The optics on the bottom (normal mouse movement) will now act as the scroll ball. To switch back simply press and hold the Third Mouse Button ❹ while pressing the Left Click Button ❷.

Operation Con'd

Mouse Control Panel Instructions

**"Button Configuration"**  
Here you may set the mouse to your hand's preference. If you are left-handed or right-handed, you can set the mouse to accommodate your clicking preference.

Ex. A left-handed mouse commonly has the left-mouse-button as the primary button and the right-mouse-button is commonly the option button.

**Files & Folders**  
Here you may set your preference for mouse clicks. Normally, the user would "double-click" to open a document or folder. You may now choose to "single-click" to open documents in folders. Now one click can equal two clicks.

*Double-Click Speed:* To set the speed of your mouse's double-click speed, you can slide the bar to increase or decrease the amount of time between clicks.

**POINTERS TAB**  
This tab is an extension of your Microsoft Windows Desktop schemes. You may choose different schemes for your mouse icons here.

Pointer Shadow will leave a dark shadow over the desktop, to dramatize the presence of the mouse pointer.

**MOTION TAB**  
*Speed:* Here you may set how fast you would like the pointer to move across the screen. Simply move the slide bar left to slow down right to speed up the mouse cursor.

*Acceleration:* This will adjust how much your pointer accelerates as you move it faster.

*Snap To Default:* This will enable the mouse pointer to move itself to the default button, when a dialog box pops up.

Operation Con'd

**HARDWARE TAB**  
This will display your mouse as a device installed in MS Windows.

**SCROLL-BALL TAB**  
*Wheel Mode:* This enhances the scroll-ball's motion, increasing the sensitivity of motion.

*Vertical Axis Setting:* This will set the actual sensitivity of the scroll-ball. You can select how far you would like the mouse to scroll up or down via the ball.

*Horizontal Axis Setting:* This will set the actual sensitivity of the scroll-ball. You can select how far you would like the mouse to scroll up or down via the ball.

You may also select "Use for Application Switch", to scroll between applications, by moving the scroll ball horizontally; moreover, you may select "Use for Web Site Switch" to move back-and-forth between web sites. The horizontal motion will replace the Back and Forward buttons in your web browser.

**THIRD BUTTON TAB**  
Under this tab, you may set the preferences for the extra mouse button.

*Zoom:* You can set the 3rd Mouse Button to Zoom on your screen, and adjust how much.

*Auto-Scroll:* This will turn let the mouse scroll in 8 different directions for viewing.

*Others:* Click the pull-down menu for a list of options the 3rd Mouse Button can be set for.

Specification

Function	Specification
USB or PS/2	1 Type A USB port adapter included for PS/2 support
USB Spec	USB 1.1
System Support	USB Compliant Systems
Optical Laser Color	RED
Power Consumption	USB Bus Powered
Color	Metalic Blue and Silver
Housing	Plastic
Weight	3.7 ounces
Dimension (LxWxH)	4.53" x 2.17" x 1.30" (115mm x 55mm x 33mm)

Radio & TV Interference Statement

**WARNING!!!** This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause interference to radio communications. This equipment has been tested and found to comply within the limits for a class B device, pursuant to Subpart J of Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a commercial environment. Operation of this equipment in a residential area is likely to cause interference, in which case the user at his own expense will be required to take whatever measures may be required to correct the interference. There is no guarantee that radio frequency interference will not be created in particular locations.

IOGEAR® is not responsible for any radio or television interference caused by unauthorized modification of your mechanism or cables.

Limited Warranty

IN NO EVENT SHALL THE DIRECT VENDOR'S LIABILITY FOR DIRECT, INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THE PRODUCT, DIST ORITS DOCUMENTATION EXCEED THE PRICE PAID FOR THE PRODUCT.

The direct vendor makes no warranty or representation, expressed, implied, or statutory with respect to the contents or use of this documentation, and especially disclaims its quality, performance, merchantability, or fitness for any particular purpose.

The direct vendor also reserves the right to, but not limited to, revise or update the device or documentation without obligation to notify any individual or entity of such revisions, or updates. For further inquires please contact your direct vendor.