

# GO 2.4 GHz CORDLESS OPTICAL AIR MOUSE

User Guide

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## PRODUCT SPECIFICATIONS

Spec	GO 2.4 GHz Wireless Optical Mouse	RF Receiver
System Requirements	<ul style="list-style-type: none"> <li>• IBM compatible PCs running Windows 98 (Second Edition), 2000, ME, XP or higher</li> <li>• Available USB port</li> <li>• CD ROM drive (for GyroTools installation on Windows only*)</li> <li>• Microsoft or Mac compatible mouse driver (no additional drivers to install)</li> </ul>	
Size	5.25" L x 2.28" W x 1.81" H (133 mm x 58 mm x 46 mm)	70" L x 1.18" W x .35" H (178 cm x 3 cm x .9 cm)
Weight	4.73 ounces (134 g)	.53 ounces (15 g)
Operating Range	Up to 30' (9.144 m) typical with no line-of-sight requirement Professional – Up to 100' (30.5 m) typical with no line-of-sight requirement	N/A
Radio	2.4 GHz (U.S.) with automatic channel selection	2.4 GHz (U.S.)
Batteries	NiMH Battery Pack (Note: An additional NiMH battery is included in the G.O. Professional model only)	N/A
Connector	N/A	USB
Operating Temp	+10 to +40 C (+50 to +104 F)	
Storage Temp	-30 to +70 C (-86 to +158 F)	

\*The E-Mail tool in GyroTools is not supported under Windows 98 (Second Edition).

Note: 49 MHz mouse, keyboard and remotes are not compatible with the 2.4 GHz RF Receiver.

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## GO 2.4 GHz CORDLESS OPTICAL AIR MOUSE

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Welcome to a world of unprecedented freedom in surfing, gaming, media control and mobile computing! Gyration gyrosopic technology delivers the ultimate PC remote control device: the GO 2.4 GHz Cordless Optical Air Mouse. Gyration's patented motion-sensing technology uses radio frequencies to provide accurate and effortless cursor control from virtually anywhere in the room. Since the GO 2.4 GHz Cordless Optical Air Mouse works on a desktop as well as in the air, sit back and relax. You have the power to control your multimedia and internet commands in the palm of your hand.



## Installing and Charging the Batteries

Important: The GO 2.4 GHz Optical Air Mouse must be charged for nine (9) hours prior to its first use.

The GO 2.4 GHz Optical Air Mouse comes with a NiMH battery pack already installed, but you will need to remove the plastic tab located inside the battery compartment. This clear plastic tab prevents the battery from discharging until you are ready to use your mouse. To remove the tab and charge your batteries:

1. Press the Battery Release button at the bottom of the mouse and slide the NiMH battery pack off.
2. Remove and discard the plastic tab.
3. Replace the battery pack by sliding it into place on the mouse.
4. Connect the power adapter to the charging cradle and plug it into a power source.
5. Place the mouse in the charging cradle. The cradle's LED Indicator light, located at the back of the cradle, will turn solid blue and the LED Indicator light on the mouse will faintly flash green while its batteries are charging.
6. Once the batteries are fully charged, the LED Indicator light on the mouse will maintain a steady glow and will be ready for use.

### Battery Tips

- For optimal battery life, avoid using the mouse on dark-colored surfaces.
- When the battery drops to approximately twenty percent (20%) of its full

charge, the LED Indicator light on the mouse will blink intermittently when in use. To optimize the performance of your NiMH battery, it is best to recharge it after every day of use.

- If a full charge is not required, you can remove the mouse from the charging cradle at anytime. You do not need to wait for the LED Indicator light to stop flashing.
- To conserve power, the mouse enters a "Sleep Mode" when it is left on for more than 24 hours. To awake from Sleep Mode, click any button.

### Using the In-Line Battery Charger (select models only)

*The In-Line Battery Charger is included with the Professional model only.*

To charge the NiMH battery pack using the in-line battery charger:

1. Connect the power adapter to the in-line battery charger and plug it into a power source.
2. Place the battery pack in the charger and the LED Indicator light will turn solid blue.
3. To eliminate the need of one additional adapter, install the smaller connector of the charger cable into the back of the in-line charger and install the larger connector into the front of the charging cradle.

## Setting Up and Synchronizing the GO 2.4 GHz Optical Air Mouse and the Gyration 2.4 GHz RF Receiver

When installing the optical air mouse for the first time or when adding additional Gyration devices to the system, it is necessary to synchronize the devices with the receiver. To set up and synchronize the optical air mouse and the RF receiver:

1. Ensure the mouse is fully charged.
2. Connect the RF receiver into an available USB port and power on your computer. Your operating system should detect the new hardware device and initiate the installation procedure. Continue to follow the standard USB device installation onscreen prompts until installation is complete.
3. Press and hold the Connect button on the receiver for two seconds, and then release it. The Connect light will blink rapidly, indicating the receiver is in "Connect Mode."
4. Press and release the Connect button located on the bottom of the mouse handset. The Connect light on the receiver will stop blinking and remain lit.

Note: Repeat steps 3 and 4 for any additional GO 2.4 GHz Optical mice, keyboards, and/or remotes that will be added into the system.

5. Connect Mode will automatically time out after one minute.

After the Connect/Connect sequence is performed, the receiver and device(s) will remain synchronized after powering down. It is only necessary to perform the Connect/Connect sequence when setting a device up for the first time or when adding additional devices to the system.

## Powering On and Off

To power on:

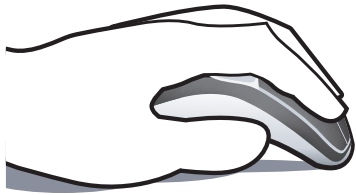
- Press the Connect button. It will confirm it is powering on by flashing its LED light for one second.

To power off:

- Press the Connect button for seven seconds. It will immediately power off and be unresponsive to button clicks. It will confirm it is powering off by flashing its LED indicator three times.

Note: Powering off the mouse prevents battery drain when traveling. It is necessary to power the unit off when traveling on commercial airlines due to FCC regulations regarding radio emitting devices.

## Using the Mouse on the Desktop



The optical air mouse provides great flexibility in how you control your computer, and its optical sensor allows for precise tracking on virtually any surface. However, for optimal performance, avoid highly reflective glass or mirrored surfaces. To use on the desktop:

1. Set up and synchronize the mouse with the receiver (see *Setting Up and Synchronizing the GO 2.4 GHz Optical Air Mouse and the Gyration 2.4 GHz RF Receiver* on page 4).
2. Remove the mouse from the charging cradle and place it on a flat surface. The Status LED light on the receiver will light solid when communicating with the mouse handset.
3. Use the mouse like a standard desktop mouse. For optimal battery life, avoid using it on dark-colored surfaces.

In addition to its optical sensor, the optical air mouse uses an advanced reflective sensor that detects when the mouse is being lifted off the desktop. To conserve battery life, this sensor powers on the gyroscope and shuts down the optical sensor each time the mouse is picked up from the desktop.

## Using in the Air



The optical air mouse has no line-of-sight requirements so it is not necessary to point the device at the computer, receiver or monitor.

1. After you set up and synchronize the mouse with the RF receiver, hold the mouse in a comfortable, relaxed position with your index finger on the Activation Trigger and your thumb at the base of the Scroll Wheel (see illustration).
2. Press and hold the Activation Trigger with your index finger. While holding the trigger, flex your wrist up, down and sideways (in a manner similar to using a flashlight). The mouse cursor tracks the motions of your hand. Remember, it is not necessary to point the mouse at your computer, receiver or monitor.
3. Use your thumb to press the left/right mouse buttons or to operate the scroll wheel.

Tip: Double-click the Activation Trigger to keep the cursor continuously active. To stop the cursor movement, click the trigger once.

Tip: Move the cursor over a target and release the Activation Trigger before clicking the left or right mouse buttons. This “parks” the cursor and allows you to click more accurately.

## Fine Tuning Cursor Control

Since the optical air mouse uses standard Windows or Mac mouse drivers, there are no additional drivers to install. Any settings that are available to a standard desktop mouse (such as cursor tracking speeds and mouse double-click speeds) are also available to the GO 2.4 GHz Optical Mouse.

Multiple factors will determine how you adjust the optical air mouse to suit your personal preference including screen resolution and driver version. While becoming familiar with your mouse and getting a feel for the “in air” method of cursor control, Gyration recommends adjusting your mouse driver to the following settings:

- Pointer Speed – Average. Some new users prefer this setting to be slightly slower than average. Advanced users will increase the speed so that less wrist movement gives them more screen coverage with the cursor.
- Acceleration – Low or Off.

Note: Refer to your operating system’s documentation for additional information on customizing your mouse properties.

Note: To program the three programmable buttons on the mouse, GyroTools™ software must be installed.

## GyroTools™ Software

GyroTools is a suite of software tools that enhance the functionality of the optical air mouse. Assign your favorite tools to buttons on the optical air mouse, and put advanced presentation techniques at your fingertips.

1. To install the GyroTools software, insert the GyroTools disk into your CD drive and follow the on-screen instructions. If the program does not start after a few moments, go to My Computer (located on your desktop), click to your CD drive, and open SETUP.EXE.

Note: Once GyroTools has been installed, complete operating instructions are available by accessing the online help.

2. Once the installation is complete, click on the GyroTools icon in the Start menu to launch the GyroTools application.
3. Tools can be assigned to a double right-click, a right-click and hold or a right-click followed by left-click. Tools can also be assigned to the scroll wheel (e.g., double scroll-click, scroll-click and hold, scroll-click followed by left-click). Tools can be assigned to three buttons below the left/right buttons. There are other methods to activate tools, such as screen hotspots, swipes and scheduled events.
4. To assign tools using the Drag and Drop Toolbox:
  - a. Select the tool group (such as General, Internet, or Media) located at the bottom of the GyroTools window that contains the tool(s) you want to assign.
  - b. Left-click and hold the desired tool.
  - c. Drag the tool onto the icon square next to the button that you wish to assign the tool to and release the button.

5. To assign tools using the Menu-Driven Method:
  - a. Right-click the icon square next to the button that you wish to assign.
  - b. Select the New Tool or Replace Tool menu command.
  - c. Select the tool group (such as General, Internet or Media) located at the bottom of the GyroTools window that contains the tool(s) you want to assign.
  - d. Select the desired tool from the menu.
  - e. Once the tool is selected, you can define the tool's properties (such as color, border and other parameters).
6. Once a tool has been assigned to a button, simply press the button sequence to invoke the tool.
7. When finished using the tool, right-click and the pointer returns to cursor mode.

## RF RECEIVER

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### Connect Button

Pressing the Connect button for two seconds puts the RF receiver into Connect Mode, allowing you to synchronize a device with the receiver. If the receiver is not manually taken out of Connect Mode, it will automatically return to Normal Mode after one minute.

### Status/Connect LED

The Status/Connect LED lights display useful information about the modes of operation and the connection between the receiver and transmitter(s). Its various states are:

STATUS LED	CONNECT LED
<ul style="list-style-type: none"> <li>• Remains off when the receiver is operating in Normal Mode and no devices are transmitting.</li> <li>• Flickers rapidly when the receiver is operating in Normal Mode and a synchronized device is transmitting.</li> </ul>	<ul style="list-style-type: none"> <li>• Blinks rapidly (one blink per second) when the receiver is in Connect Mode and is awaiting a Connect instruction from a device.</li> <li>• Lights solid when connected to a device.</li> </ul>

## Troubleshooting

Symptom	Reason	Solution
Mouse LED comes on when activate button is pressed, but receiver is unresponsive	Mouse and Receiver not synchronized	Perform a Connect/Connect sequence (see Setting Up and Synchronizing the G.O. Air Mouse and the Gyration RF Receiver on page 4).
When using in air, cursor is visible but shows no movement	Gyroscope not activated	Squeeze or double-click trigger on bottom of mouse.
Cursor movement is choppy or erratic	Radio interference	Move receiver away from other electronic devices (i.e., monitor, speakers, radio, etc.).
When pressing the Activate button, the LED on the mouse is flashing	Batteries are low	Recharge battery pack or replace (see Installing and Charging the Batteries on page 1).
When pressing the Activation Trigger, the LED on the mouse is off	Batteries are dead	Recharge battery pack or replace (see Installing and Charging the Batteries on page 1).
	Mouse is off	Power it on (see Powering the G.O. Air Mouse On and Off on page 5).
Cursor moves too fast or too slow	Speed or acceleration not set properly	Change the cursor tracking speed in the mouse control panel.
Cursor drifts on the screen	Sensor may require recalibration	Place the mouse on the desk for 4 or more seconds to steady the cursor.
Mouse LED does not flash in charging cradle and mouse does not charge	Dirty contacts	Clean the contacts on bottom of mouse.
	End-of-life battery	Replace battery
Inadequate battery life	Mouse used on dark-colored surface	Use mouse on light-colored surface to minimize battery drain.



**Gyration**

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