

TARGUS
Essential Accessories for Mobile Computing

**Wireless 5-Button Scroller
Optical Mini Mouse**



USER'S GUIDE
Making Your Mobile Life Easier.

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400-0086-001A

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Wireless 5-Button Scroller Optical Mini Mouse

Introduction

Congratulations on your purchase of the Targus Wireless 5-Button Scroller Optical Mini Mouse. This ergonomically designed mouse uses a radio frequency (RF) link that enables you to use the mouse anywhere within 4.5 feet of its receiver. No line-of-sight between the mouse and its receiver is required.

The optical mouse also provides a scrolling wheel and three user-programmable buttons for multimedia use.

In addition to this user's guide, this package contains:

- Wireless 5-Button Scroller Optical Mini Mouse
- Receiver
- 1 AA NiMH rechargeable battery
- Three-inch USB extension cable
- Charger base
- AC power adapter
- Device driver software CD-ROM

System Requirements

To use the optical mouse, your computer must meet the following hardware requirements and run one of the operating systems listed below.

Hardware

- PC with a Pentium® processor or equivalent and a hard disk drive
- USB version 1.1 interface

Operating System

- Windows® 95/98/Me/2000/XP and Windows NT® 4.0

Connecting the Mouse Receiver

To connect the mouse receiver:

- 1 Turn off your computer.
- 2 Plug the standard USB end of the cable into an available USB port on your computer.

You are now ready to install the device drivers for your operating system.

Installing the Device Drivers



NOTE: You must install the supplied device drivers to use the fourth and fifth buttons. Otherwise, the mouse will function as a standard, three-button mouse.

To install the supplied device driver:

- 1 Turn on your computer.
- 2 Insert the driver software CD into your computer's CD-ROM drive.
- 3 Click **Start**, **Run**, then enter D:\Setup.exe (where D: is the path of your CD-ROM drive) and then click **OK**.

The Welcome screen appears.

- 4 Click **Next**.
- 5 Select **Typical** or **Custom** installation and then click **Next**.
- 6 Click **Yes**.
- 7 Click **Finish** to complete the driver installation and restart your computer.

Once your computer restarts, the mouse icon appears in the system tray.

You are now ready to install the battery in the mouse, set the radio frequency channel, and establish a communications link between the mouse and its receiver. See "Establishing a Communications Link" on page 6.

Using the RF Mouse

Installing the Battery

- 1 Remove the battery cover from the bottom of the mouse by pressing the battery cover tab and sliding it off.
- 2 Insert the supplied battery, making sure that the positive (+) and negative (-) end of the battery match the polarity indicators inside the battery housing.
- 3 Slide the battery cover back into position until it “clicks” firmly into place.

The optical sensor, located on the bottom of the mouse, glows red.



WARNINGS: When replacing the battery, if you are using the mouse with the charger base, you must use heavy-duty NiMH rechargeable batteries to avoid possible damage to the mouse and charger.

If you are using the mouse without the charger base, you may use alkaline or other heavy-duty NiMH batteries.

Setting the Radio Frequency Channel

Before you establish a link between the optical mouse and its receiver, you must set the radio frequency channel. To do this, slide the channel switch to A or B on both the mouse and the receiver. For the mouse, the switch is located inside the battery compartment. For the receiver, the switch is located directly opposite the USB connector.



NOTE: The optical mouse and its receiver must be set to the same channel to function properly.

Establishing a Communications Link

The optical mouse has 256 identification codes that allow the mouse and its receiver to operate without interference from other radio frequency devices.

To set the identification code and establish a radio link between the mouse and the receiver:

- 1 Press and release the link button, located on the bottom of the optical mouse.

- 2 Press and release the link button on the receiver.

The receiver's status light flashes while it scans the identification codes for the mouse. Once a code is selected, the status light stops flashing.

- 3 Press and release the screen scroller (middle) button.

You are now ready to use the optical mouse.



NOTE: You must reestablish the communications link every time you change the batteries.

Personalizing the Mouse Features

You can assign functions to the third, fourth and fifth mouse buttons and control cursor movement by personalizing the mouse features from the Mouse Properties screen. To do this:

- 1 Click **Start, Settings** and **Control Panel**.

- 2 Double-click the **Mouse** icon.

The Mouse Properties screen appears.

This screen has six tabs with options for selecting and controlling mouse features.

Buttons Tab

The Button configuration feature allows you to assign the primary mouse button for right- or left-handed use.

The Files and Folders option allows you to assign the number of clicks that are required to open an item.

The Double-click speed option adjusts how fast you have to click the mouse button to register a double-click.

Pointers Tab

This tab allows you to choose how the mouse pointer looks on the screen.

Motion Tab

The Speed option adjusts the speed at which the pointer moves across the screen.

The Acceleration option adjusts the acceleration rate for the pointer.

The Snap to default feature allows you to assign the pointer to jump to default buttons in dialog boxes.

Hardware Tab

Selecting the Hardware tab displays general information about the Wireless 5-Button Scroller Optical Mini Mouse.

Wheel Tab

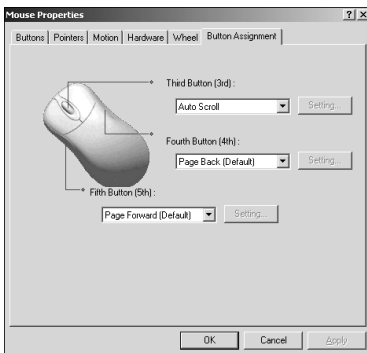
The Scrolling Mode option allows you to choose between the Intelli Mouse Compatible Mode and the Enhanced Scroll Mode.

- **Intelli Mouse Compatible Mode** – enabling this mode simulates Microsoft® IntelliMouse® and supports features used with Microsoft® applications, such as zoom, scrolling and Auto-scrolling.

- **Enhanced Scroll Mode** – this mode supports all applications that use scroll bars, with zoom, Auto-panning and scrolling functions.

The Scrolling Settings option allows you to adjust how many lines of text will scroll and the direction of the scroll movement.

Button Assignment Tab



Mouse Properties screen - Button Assignment tab

The Button Assignment feature allows you to assign frequently-used mouse and keyboard functions, such as Auto Scroll, Page Back and Page Forward, to the third, fourth and fifth mouse buttons. To do this:

- 1 Click the **drop-down arrow** next to the button number you want to assign.
The functions list appears.
- 2 Select the function you want to associate with the selected button.
- 3 Click **Apply**.
Repeat for each button you want to assign a function to.

Operating Hints

For optimal performance and RF reception:

- Place the receiver at least 8 inches (20 cm) away from all electrical devices, such as your monitor, speakers or external storage devices.
- Avoid using the optical mouse on a metal surface. Metals, such as iron, aluminum or copper, shield the radio frequency transmission and may slow down the mouse's response time or cause the mouse to fail temporarily.
- The optical mouse will enter a suspend mode at the same time your computer does. To wake the mouse, press and release the screen scroller (middle) button.
- If your computer has a metal case that contains aluminum or magnesium, use the optical mouse to the side. The display panel may interfere with the radio frequency signal if you use the mouse directly in front of the computer.
- Never use the optical mouse on a glass or mirrored surface as these surfaces will cause the mouse to fail temporarily.
- To maximize battery life, use the optical mouse on a white, or light colored surface. Dark surfaces cause the mouse's light emitter diode (LED) light to glow brighter, which causes the battery to discharge more rapidly.

Comfortable Usage

Research suggests that physical discomfort and injury to nerves, tendons, and muscles may be related to repetitive motion, an improperly set up work area, incorrect body posture, and poor work habits.

To reduce the risk of injury, follow these precautions:

- Stand, stretch, and move around several times every hour.
- Switch hands while performing tasks. Use shortcut keys to avoid repetitive or awkward mouse movements.
- Relax your shoulders and keep your elbows at your sides. Adjust the keyboard's position so that you don't have to stretch to reach it.
- Adjust your position so that you don't have to bend your wrists to type; avoid placing your wrists on a sharp edge.

If you feel discomfort or numbness in your hands, wrists, arms, shoulders, neck, or back while typing, consult a qualified medical professional.

Specifications

Mouse Carrier Frequency

27 MHz

Dimensions

Mouse: 4.8 x 2.64 x 1.6 inches
(122 x 67 x 40 mm)

Receiver: 2.48 x 0.86 x 0.66 inches
(63 x 22 x 17 mm)



NOTE: Receiver dimensions do not include the extended USB connector.

Weight

Mouse: 4.1 ounces (without battery)
(116 grams)

Receiver: .98 ounces
(28 grams)

Receiver Interface

USB version 1.1

Operating Voltage

Mouse: 1.2V DC (powered by a battery)

Receiver: 5V DC (powered by the USB port)

Battery

1 AA NiMH rechargeable

Electromagnetic Characteristics (EMC)

CE - Type acceptance: ETS 300 220 short range devices

Distance Between Mouse and Receiver

Up to 3 feet (1 m)

Operating Current

Mouse: 35~45 mA (maximum)

Receiver: 30 mA typically (100 mA maximum)

Mouse Standby Current

10 mA or lower

Mouse Sleep Mode Current

Below 5 μ A

Modulation Type

FSK

Transmission Rate

4 Kbps

Error Detection

8-bit CRC

Troubleshooting

What do I do if the optical mouse does not work?

- Check that the channel setting on both the mouse and the receiver are the same.
- Make sure that the polarity of the battery is correct. The positive (+) and negative (-) ends of the battery must match the positive (+) and negative (-) connections in the battery housing.
- The battery may need recharging. Connect the mouse to the charger base.
- Check that the receiver's USB connector is firmly attached to the USB port on your computer.
- Verify that the device drivers are installed.
- Make sure you have established a radio link between the mouse and its receiver. See “Establishing a Communications Link” on page 6.

When I use the optical mouse, other wireless devices work more slowly or fail temporarily – what should I do?

The mouse may cause interference with any cordless, radio-based device that operates at 27 MHz, such as a telephone, baby monitor, or toy. To reduce interference, move the mouse's receiver and the base unit of the affected device as far away from each other as possible.

What do I do if the response time of the optical mouse is slow or the mouse intermittently stops working?

- Increase the distance between the mouse's receiver and the rest of your computer equipment. Use the USB extension cable if necessary.

- Increase the distance between the mouse's receiver and the base units of other wireless devices.
- Turn off any wireless devices and their base units that are near the mouse's receiver.
- If you are using the optical mouse on a metal surface, move it and the receiver to a non-metal surface. Metals, such as iron, aluminum or copper, shield the radio frequency transmission and may slow down the mouse's response time or cause the mouse to fail temporarily.

I can't use the optical mouse while another RF mouse is in use – what should I do?

Change the channel selection (A/B) on both the mouse and its receiver. If this does not work, reset the identification code. See “Establishing a Communications Link” on page 6.

Technical Support

In the unlikely event that you encounter a problem with your Targus accessory, please contact our technical support team at:

Email: techsupport@targus.com

Internet: <http://www.targus.com/support.asp>

Our knowledgeable staff is also available to answer your questions through one of the following telephone numbers.

US

Monday through Friday, 8:00 a.m. (08:00) to 8:00 p.m. (20:00)
Eastern time: 800-283-6325

Canada

Monday through Friday, 9:00 a.m. (09:00) to 5:00 p.m. (17:00)
Eastern time: 888-827-4877

Europe

Belgium	+32 0 02-717-2451
Denmark	+45 0 35-25-8751
France	+33 0 1-64-53-9151
Germany	+49 0 21-16-579-1151
Italy	+39 0 24-827-1151
Netherlands	+31 0 53-484-9470
Spain	+34 0 91-745-6221
Sweden	+46 0 8-751-4058
Switzerland	+41 0 1-212-0007
United Kingdom	+44 0 20-7744-0330
Eastern Europe & others	+31 0 53-484-9479

Product Registration

For more efficient customer service and to activate the product's warranty, Targus recommends that you register your Targus accessory shortly after purchasing it.

To register your Targus accessory, go to:

<http://www.targus.com/registration.asp>

You will need to provide your full name, email address, phone number, and company information (if applicable).

Warranty

Targus warrants this product to be free from defects in materials and workmanship for one year. If your Targus accessory is found to be defective within that time, we will promptly repair or replace it. This warranty does not cover accidental damage, wear and tear, or consequential or incidental loss. Under no conditions is Targus liable for loss of, or damage to a computer; nor loss of, or damage to, programs, records, or data; nor any consequential or incidental damages, even if Targus has been informed of their possibility. This warranty does not affect your statutory rights.

Warranty Registration at:

<http://www.targus.com/registration.asp>

Regulatory Compliance

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

FCC Statement

Tested to Comply

This equipment has been tested and found to comply with the limits of a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Move the computer away from the receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

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