

**Targus Wireless
RF Mouse**

USER'S GUIDE

Making Your Mobile Life Easier.

Targus Wireless RF Mouse

Introduction

Congratulations on your purchase of a Targus Wireless RF Mouse. This ergonomically designed mouse uses a radio frequency (RF) link that enables you to use the mouse anywhere within 3 feet of its receiver. No line-of-sight between the mouse and its receiver is required.

This user's guide describes how to connect the mouse receiver to your computer, install default software drivers and set up the radio link for the following RF mouse models:

- PAUM005 – Mini 3-button RF Optical Mouse with scrolling wheel
- PAUM006 – Mini 3-button RF Mouse with scrolling wheel

In addition to this user's guide, depending on the RF mouse model that you purchased, this package contains:

PAUM005

- Mouse
- Receiver
- 2 AA batteries
- Three inch USB extension cable
- Optional charger base available (part number 252-0013-001A)

PAUM006

- Mouse
- Receiver
- 2 AAA batteries

System Requirements

To use the RF 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® 98/Me/2000/XP



NOTE: The third button and the scrolling wheel only work with the operating systems listed above. If you use the RF mouse with a different operating system, it will lose its enhanced features and function as a standard, two-button mouse.

Connecting the Mouse Receiver and Installing the Device Drivers

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.

Windows® 98/Me Operating Systems

- 1 Turn on your computer.

The Add New Hardware Wizard appears.

If it does not, the operating system has installed the default driver automatically. No other steps are necessary.

- 2 Click **Next**.

The locate driver screen appears.

- 3 Select “Search for the best driver for your device. (Recommended),” and then click **Next**.

The wizard searches for the appropriate device driver.

- 4 Click **Next**.

- 5 Click **Finish** to complete the driver installation.

You are now ready to install the batteries in the mouse, set the radio frequency channel, and establish a communications link between the mouse and its receiver. See [“Establishing a Communications Link \(All RF Mouse Models\)”](#) on page 6.

Windows® 2000/XP Operating Systems

- 1 Turn on your computer.

The Found New Hardware Wizard appears.

If it does not, the operating system has installed the default driver automatically. No other steps are necessary.

- 2 Click **Next**.

The wizard searches for the appropriate device driver.

- 3 Click **Next**.

- 4 Click **Finish** to complete the driver installation

You are now ready to install the batteries in the mouse, set the radio frequency channel, and establish a communications link between the mouse and its receiver. See [“Establishing a Communications Link \(All RF Mouse Models\)”](#) on page 6.

Using the RF Mouse

Installing the Batteries

- 1 Remove the battery cover from the bottom of the mouse by pressing the battery cover tab and sliding it off.



NOTE: If you have a model PAUM005 RF mouse, the battery cover is also the top cover of the mouse.

- 2 Insert the supplied batteries, making sure that the positive (+) and negative (-) ends of each battery match the polarity indicators inside the battery housing.
- 3 Slide the battery cover back into position until it “clicks” firmly into place.

If you have a model PAUM005 RF mouse, the optical sensor, located on the bottom of the mouse, glows red.



WARNINGS: When replacing the batteries, you may use alkaline or other heavy-duty NiMH batteries. Never use an alkaline with a NiMH battery in a device.

Avoid mixing new and used batteries in a device.

Establishing a Communications Link (All RF Mouse Models)

The RF 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 RF 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 RF mouse.



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

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 RF 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 RF 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 RF 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.

If you are using an optical RF mouse (model PAUM005):

- Never use the RF mouse on a glass or mirrored surface as these surfaces will cause the mouse to fail temporarily.
- To maximize battery life, use the RF 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



NOTE: Specifications are for all models unless indicated otherwise.

Models

PAUM005

PAUM006

Button Count

3 with scrolling wheel

ID Selections

256

Electromagnetic Characteristics (EMC)

CE - Type acceptance: ETS 300 220 short range devices

VCCI approval (Japan) - PAUM006 only

Distance Between Mouse and Receiver

PAUM005 Up to 3 feet (1 m)

PAUM006 Up to 5 feet (1.6 m)

Mouse Carrier Frequency

27 MHz

Dimensions

Mouse:

PAUM005 3.86 x 2.32 x 1.5 inches
(98 x 59 x 38 mm)

PAUM006 3.82 x 2.24 x 1.25 inches
(97 x 57 x 32 mm)

Receiver:

PAUM005 1.96 x 0.86 x 0.59 inches
(50 x 22 x 15 mm)

PAUM006 2.48 x 0.86 x 0.66 inches
(63 x 22 x 17 mm)

Weight

Mouse (without batteries):

PAUM005 3.74 ounces (106 grams)

PAUM006 3.25 +/- .35 ounces (92 +/- 10 grams)

Receiver:

PAUM005 .56 ounces (16 grams)

PAUM006 .98 ounces (28 grams)

Receiver Interface

USB version 1.1

Operating Voltage

Mouse (powered by batteries):

PAUM005 3.6V DC

PAUM006 3V DC

Receiver: 4.5 to 5.5V DC
(powered by the USB port)

Batteries

PAUM005 2 AA Alkaline

PAUM006 2 AAA Alkaline

Operating Current

Mouse:50~60mA (maximum)

Receiver:30mA typically (100mA maximum)

Mouse Standby Current

12mA or lower

Mouse Sleep Mode Current

Below 10uA

Modulation Type

FSK

Transmission Rate

4K bps

Error Detection

8-bit CRC

Troubleshooting

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

- Make sure that the polarity of the batteries is correct. The positive (+) and negative (-) ends of each battery must match the positive (+) and negative (-) connections in the battery housing.
- 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 \(All RF Mouse Models\)”](#) on page 6.

When I use the RF 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 RF mouse is slow or the mouse intermittently stops working?

- Increase the distance between the mouse’s receiver and the rest of your computer equipment.
- 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 RF 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 RF mouse while another RF mouse is in use – what should I do?

Reset the identification code. See “Establishing a Communications Link (All RF Mouse Models)” 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>

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

North America

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

US & Canada 800-283-6325

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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