ATake Co., Ltd.

Wireless Optical Mouse User Manual - *AMX-200*

Thank you for purchasing ATake series of products.

The series of wireless mouse include the wireless mouse, and the RF receiver, please check the contents of your package.

Features:

- **Optical sensor-** provides accurate cursor movement and superior performance.
- **Save space and reduce clutter-** with the 360 ° range of operation and no cables while working in tight spaces
- **Enjoy moving freedom and flexibility-** with a 27MHz radio frequency (RF) range that extends to 1.5M from the receiver
- **Synchronize up to 256 ID codes-** to avoid interferences between several wireless mice being used simultaneously
- **3 buttons with scroll wheel-** to allow the end user to define actions
- **One battery only-** to save you more money and energy
- **Stow-and-go-** Mini size, the receiver will click into place when properly inserted.
- **Designer shape-** fits left and right hand use
- **Automatic power sleep function-** to extend battery life
- **Charging status indicator (optional function)**
- **Rechargeable via USB cable**- for great portability **(optional accessory)**

Physical Characteristics:

Mechanical Performance

→Operating Force:

Mouse buttons (left and right)	70±20gf
Browser switch	10±20gf
Wheel scrolling	25±10gf
Connect buttons	100±20gf

→Buttons:

Mouse	3 buttons with Scrolling Wheel, 1 Connect button
Receiver	1 Connect button

→Battery Consumption:

Operating mode	≤20MA / 3V
Sleep mode 1	≤1MA / 3V
Sleep mode 2	≤700μA / 3V
Low battery indicator	1.8V
Battery type	two AAA batteries
Continuous Working Time	30 hours

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→Weight & Dimensions:

Mouse	**Net Weight:** 53.4 ±3g **Dimension:** 96.5x64.3x35.2 ±2mm
Receiver	**Net Weight:** 7.8 ±2g **Dimension:** 56.2x17.0x8.7±2mm

Electrical Specifications:

Interface	USB
Sensor report rate on mouse	3500 frames/sec
Operation angle	360 °
Operation distance	1.5 meters
Sensor light of mouse	Red
Receiver power requirement	5V for USB port
Frequency	27.045MHz
ID number	256 random ID per channel
Resolutions	800DPI
Sensor tracking speed	21 inches/sec

Reliability:

Button/Switch Life	3,000,000 cycle
Scroll wheel Life	100,000 cycle
Operating temperature	-5 ~ 40℃
Operating humidity	20% - 90%RH

System Requirements:

- Windows 2000/ME/XP/Vista
- Macintosh OS 9 or higher
- Free USB port

Supplied with the product:

- **Wireless mouse**
- **RF receiver**
- **User Manual**
- **Battery:**

  Two conditions to be supplied with retail package

  1. One AAA Disposable batteries.

  2. No battery supplied. Please buy the right type of batteries to work with your wireless mouse.

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To start using AMX-200 Wireless Mouse

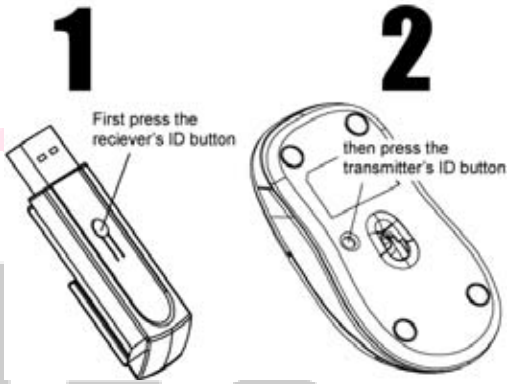
1. Battery Installation

1) Using thumb to open the battery compartment of the mouse and remove it by pulling back.
2) Insert one 1.2V, AAA batteries into the compartment. Make sure to comply with the polarity markings.
3) Push forward to close the battery compartment back onto the mouse again until you hear it click into place.

2. Establishing a connection between the mouse and the RF receiver

The following steps have to be carried out within 15 seconds if a successful connection is to be established between the mouse and the RF receiver. Ensure that the mouse is no further than 1.5m away from the RF receiver.

1) Connect the RF receiver to any free USB port on your computer. The Plug & Play function of your system will automatically detect that a new device has been connected. The mouse will not yet be ready to use at this stage.
2) First, press the Connect button on the receiver that shown as **step 1**.
3) Then, press the Connect button on the bottom side of the mouse as **step 2**.
4) After a few seconds your mouse will be ready for use.



3. Sleep Mode

The mouse will switch to power saving mode after 3 seconds while working; and powered off automatically in 8 minutes to extend battery life. The mouse will be activated again with one mouse click.

Note on handling batteries

- Keep batteries out of children's reach.
- Do not mix old and new batteries or use different types of battery.
- Replace old or weak batteries promptly.
- Dispose of and recycle your old batteries in accordance with local regulations.

Operating Hints

For optimal performance and RF reception:

- Turn off your computer's power management feature before charging the mouse so that your computer doesn't enter sleep mode, which temporarily halts the charging process.
- Place the receiver at least 8 inches (20 cm) away from all electrical devices, such as your monitor, speakers or external storage devices.
- If necessary, use the three-inch extension cable to keep the receiver away from the computer. Plug the receiver into the extension cable, and the extension cable to the computer.
- Avoid using the 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 mouse will enter a suspend mode at the same time your computer does. To activate the mouse, press any button.
- If your computer has a metal case that contains aluminum or magnesium, use the 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 mouse on a glass or mirrored surface as these surfaces will cause the mouse to fail temporarily.
- To maximize battery life, use the 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.

Warranty

We warrant that product from its authorized distributor will meet the applicable product specifications and be free from all defects in design, assembly, material and workmanship. Please contact ATake retailers, or visit our website for more information about the product.

Troubleshooting

What do I do if the mouse does not work?

1. Make sure that the mouse is fully charged.
2. Verify that your computer's power management feature is turned off.
3. Check that the receiver's USB connector is firmly attached to the USB port on your computer.
4. Make sure you have established a radio link between the mouse and its receiver. See "Establishing a connection between the mouse and the RF receiver" on page 3.

The RF receiver is recognized by Windows but the mouse pointer does not move.

1. Repeat the section "Establishing a connection between the mouse and the RF receiver" on page 3 and ensure that the mouse is within range (1.5m) of the RF receiver.
2. If this does not solve the problem, check that the optical sensor on the underside of the mouse lights up. If the sensor does not light up, it is likely that the batteries are flat. Replace the batteries and repeat the above steps again.

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

The mouse has 256 identity codes per channel to prevent interference. However, some interference may still occur if there are multiple radio-based devices that operate 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 mouse is slow or the mouse intermittently stops working?

1. Increase the distance between the mouse's receiver and the rest of your computer equipment.
2. Increase the distance between the mouse's receiver and the base units of other wireless devices.
3. Turn off any wireless devices and their base units that are near the mouse's receiver.
4. If you are using the 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 mouse while another RF mouse is in use – what should I do?

Reset the identification code. See "Establishing a connection between the mouse and the RF receiver" on page 3.

TV & Radio 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 with the limits for a Class B computing device pursuant to Subpart J of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference when operated 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.