Microsoft® Wireless Optical Mouse

Wireless Freedom in a Stylish Design

Microsoft — **Technical Data Sheet**

Version Information	
Product Name	Microsoft® Wireless Optical Mouse
Product Version	Microsoft Wireless Optical Mouse 2.0a
Mouse Version	Microsoft Wireless Optical Mouse 2.0a
Receiver Version	Microsoft Wireless Optical Mouse Receiver 2.0a
Product Dimensions	
Mouse Length	4.82 inches (123 millimeters)
Mouse Width	2.89 inches (73.5 millimeters)
Mouse Depth/Height	1.69 inches (43.0 millimeters)
Mouse Weight	4.81 ounces (136 grams) includes 2 AA alkaline batteries; typical battery weight may vary
Receiver Length	4.40 inches (112 millimeters)
Receiver Width	2.77 inches (70.5 millimeters)
Receiver Depth/Height	1.33 inches (33.7 millimeters)
Receiver Weight	3.60 ounces (102 grams)
Receiver Cable Length	60 inches + 6/-0 inches (1524 millimeters + 152/-0 millimeters)
Compatibility and Localization	
Interface	USB and PS/2 compatible
Operating Systems	• Microsoft Windows® XP Professional and Windows 2000 • Macintosh Mac OS X versions 10.1.x-10.3.x (excludes Mac OS X version 10.0)
Top-line System Requirements	**For a Microsoft Windows-based PC:** • Microsoft Windows XP Professional or Windows 2000 • Pentium 233 MHz or higher processor • 128 MB of RAM • 60 MB of available hard disk space • USB port or PS/2 port • CD drive **For a Macintosh PC:** • Macintosh Mac OS X versions 10.1.x-10.3.x (excludes Mac OS X version 10.0) • 30 MB of available hard disk space • USB port • CD drive
Compatibility Logos	• Designed for Microsoft Windows XP and Windows 2000 • Mac logo • Certified USB logo
Software Version	Microsoft IntelliPoint software, version 5.2 or higher, is required in order to enjoy full product functionality (including Tilt Wheel Technology, Smart Receiver Technology, and button programmability features).
Software Localization	**For a Microsoft Windows-based PC:** Microsoft IntelliPoint software may be installed in Simplified Chinese, Traditional Chinese, English, French, German, Italian, Japanese, Korean, Brazilian Portuguese, Iberian Portuguese, or Spanish. If available, standard setup will install the software in the default OS language. Otherwise, the English language version will be installed. **For a Macintosh PC:** Microsoft IntelliPoint for Mac will install in English, French, German, Italian, Japanese, Brazilian Portuguese, and Spanish. User settings for OS language preference determine which localized version of the software is displayed. In the event that OS language preferences are not supported, the English language version of IntelliPoint for Mac will be displayed.
Tracking Technology	
Mouse Tracking System	Microsoft-proprietary optical technology
Imaging Rate	Dynamically adaptable to 6000 frames per second
X-Y Resolution	400 points per inch (15.75 points per millimeter)
Tracking Speed	Up to 36 inches (914 millimeters) per second
Wireless Technology	
Wireless Platform	27 MHz Radio Frequency (RF)
Wireless Channels	27.145 MHz Mouse channel 1
Wireless IDs	Over 65,000 random identification codes
Wireless Range	6 feet (1.83 meters) typical. Note: RF range is affected by many factors, such as nearby metallic objects and relative positioning of the mouse and receiver.

Product Feature Performance	
Mouse Button Features	3 buttons including scroll wheel button
Right & Left Button Life	1,000,000 actuations at no more than 4 actuations per second
Wheel Button Life	150,000 actuations at no more than 4 actuations per second
Mouse Scrolling Features	Tilt wheel enables vertical and horizontal scrolling
Wheel Vertical Scrolling Life	• 100,000 revolutions (away from user) • 100,000 revolutions (towards user)
Wheel Horizontal Scrolling Life	350,000 actuations per side at no more than 4 actuations per second
Storage Temperature & Humidity	-40 °F (-40 °C) to 140 °F (60 °C) at < 5% to 65% relative humidity (non-condensing)
Operating Temperature & Humidity	14 °F (-10 °C) to 104 °F (40 °C) at <5% to 80% relative humidity (non-condensing)
Power Requirements	
Battery Type and Quantity	2 AA alkaline batteries (included)
Battery Life	6 months typical
Certification Information	
Country of Manufacture	People's Republic of China (PRC)
ISO 9002 Qualified Manufacturer	Yes
FCC ID	This device complies with part 15 of the FCC Rules and Industry Canada RSS-210. 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. Tested to comply with FCC standards. For home and office use. Model numbers: 1008, Wireless Optical Mouse 2.0 and 1013, Wireless Optical Mouse Receiver 2.0. FCC ID: C3K1008.
Agency and Regulatory Marks	• FCC Declaration of Conformity (USA) • UL and cUL Listed Accessory (USA and Canada) • RSS-210 and ICES-003 data on file (Canada) • TUV-T Certificate (European Union) • R&TTE Declaration of Conformity, Safety and EMC (European Union) • GOST Certificate (Russia) • VCCI Certificate (Japan) • ACA/MED Declaration of Conformity (Australia and New Zealand) • BSMI and DGT Certificates (Taiwan) • MIC Certificate (Korea) • CMII Certificate (China) • NOM Certificates (Mexico) • SABS Certificate (South Africa) • CB Scheme Certificate (International) • Anatel Certificate (Brazil) • SIRIM Certificate (Malaysia) • WHQL (International) ID: 867314