

Microsoft®

# Wireless Optical Desktop Elite

Top Performance, Total Style In a Wireless Desktop



## Technical Data Sheet

Version Information	
Product Name	Microsoft® Wireless Optical Desktop Elite
Product Version	Microsoft Wireless Optical Desktop Elite 1.0
Keyboard Version	Microsoft Wireless Desktop Elite Keyboard 1.0
Mouse Version	Microsoft Wireless IntelliMouse Explorer 2.0
Receiver Version	Microsoft Wireless Optical Desktop Receiver 3.0
Product Dimensions	
Keyboard Length	19.4 inches (494 millimeters)
Keyboard Width	10.5 inches (266 millimeters) includes palm rest
Keyboard Depth/Height	1.55 inches (39.4 millimeters) with tilt legs folded
Keyboard Weight	28.8 ounces (816.5 grams) includes 3 AA alkaline batteries; typical battery weight may vary
Mouse Length	4.98 inches (126 millimeters)
Mouse Width	2.85 inches (72.5 millimeters)
Mouse Depth/Height	1.72 inches (43.8 millimeters)
Mouse Weight	5.29 ounces (150 grams) includes 2 AA alkaline batteries; typical battery weight may vary
Receiver Length	4.72 inches (120 millimeters)
Receiver Width	3.15 inches (80.0 millimeters)
Receiver Depth/Height	1.13 inches (28.7 millimeters)
Receiver Weight	5.89 ounces (167 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	<ul style="list-style-type: none"> <li>• Microsoft Windows® Vista™, Windows XP Pro/Pro x64 Edition/Home/Media Center Edition/Tablet PC Edition/Windows 2000, service pack 2</li> <li>• Macintosh Mac OS X versions 10.2-10.4 (excludes Mac OS X version 10.0-10.1)</li> </ul>
Top-line System Requirements	<p><b>For a Microsoft Windows-based PC:</b></p> <ul style="list-style-type: none"> <li>• Requires a PC that meets the requirements for and has installed one of these operating systems: Windows Vista, Windows XP Pro/Pro x64 Edition/Home/Media Center Edition/Tablet PC Edition, Windows 2000 service pack 4</li> <li>• 60 MB of available hard disk space (Install 100 MB free)</li> <li>• USB port</li> <li>• CD Drive</li> <li>• Microsoft IntelliType Pro software version 6.1 and IntelliPoint software version 6.1</li> </ul> <p><b>For a Macintosh PC:</b></p> <ul style="list-style-type: none"> <li>• Macintosh Mac OS X versions 10.2-10.4 (excludes Mac OS X version 10.0-10.1)</li> <li>• 30 MB of available hard disk space (Install 30 MB free)</li> <li>• CD Drive</li> <li>• USB port</li> <li>• Microsoft IntelliType Pro for Mac software version 6.1 and IntelliPoint for Mac software version 6.1. Users of Mac OS X v10.2 must install IntelliType Pro for Mac and IntelliPoint for Mac software before connecting the hardware.</li> </ul> <p><b>Internet Hot Keys are supported for use with:</b></p> <ul style="list-style-type: none"> <li>• Windows-based PC: Browser support (only with software installed): Microsoft Internet Explorer version 5.0 or later; MSN® Explorer versions 7.0 and 8.0; Netscape Navigator Versions 6.1, 6.2, 7.0; and AOL versions 7.0, 8.0, 9.0</li> <li>• Macintosh PC: Browser support (only with software installed): Apple Safari 1.2, Microsoft Internet Explorer 5.2.3, MSN Explorer 4, Netscape Navigator 7, Mozilla Firefox 1.0, Opera 7</li> </ul> <p><b>Multimedia Hot Keys are supported for use with:</b></p> <ul style="list-style-type: none"> <li>• Windows-based PC: Versions of Microsoft CD Player, Microsoft Deluxe CD, Microsoft Windows Media® Player, and certain versions of other popular media players and browsers</li> <li>• Macintosh PC: iTunes</li> </ul> <p>Sleep Hot Key functionality is available if your system supports power management and has it enabled, and if all peripherals are compatible</p>
Compatibility Logos	<ul style="list-style-type: none"> <li>• Certified for Microsoft Windows Vista</li> <li>• Mac logo</li> <li>• Certified USB logo</li> </ul>
Software Localization	<p><b>For a Microsoft Windows-based PC:</b></p> <p>Microsoft IntelliPoint and IntelliType Pro 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 versions will be installed.</p> <p><b>For a Macintosh PC:</b></p> <p>Microsoft IntelliPoint for Mac and IntelliType Pro 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 versions will be installed.</p>
Keyboard Localization	<p>Available language sets will vary by product and sales channel.</p> <p><b>104 key configuration:</b> English (North America), English (Canada), International English (EURO), and International English (ROW)</p> <p><b>105 key configuration:</b> English (UK), Finnish/Swedish, French (France), French (Belgium), and German (Germany)</p> <p><b>106 key configuration:</b> Korean</p> <p><b>109 key configuration:</b> Japanese</p>

Tracking Technology	
Mouse Tracking System	Microsoft-proprietary optical technology
Imaging Rate	Dynamically adaptable to 6000 frames per second
X-Y Resolution	1000 points per inch (39.78 points per millimeter)
Tracking Speed	Up to 36 inches (914 millimeters) per second
Wireless Technology	
Wireless Platform	27 MHz Radio Frequency (RF)
Wireless Channels	<ul style="list-style-type: none"> <li>• Keyboard: 27.095 MHz channel 0, 27.195 MHz channel 1</li> <li>• Mouse: 27.045 MHz channel 0, 27.145 MHz channel 1</li> </ul>
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	
QWERTY Key Life	1,000,000 actuations per key
Hot Key Features	Mail, Web/Home, Messenger, My Documents, My Pictures, My Music, Show My Favorites, My Favorites 1, My Favorites 2, My Favorites 3, My Favorites 4, My Favorites 5, Calculator, Log Off, Sleep, Back, and Forward
Hot Key Life	500,000 actuations per key
Media Key Features	Mute, Volume -, Volume +, Play/Pause, Stop (Media), Previous Track, and Next Track
Media Key Life	500,000 actuations per key
Enhanced Function Key Features	Help, Undo, Redo, New, Open, Close, Reply, Forward, Send, Spell, Save, and Print
Typing Speed	1000 characters per minute
Keyboard Wheel Scrolling Features	Tilt wheel enables vertical and horizontal scrolling
Keyboard Wheel Vertical Scrolling Life	<ul style="list-style-type: none"> <li>• 50,000 revolutions (away from user) at no more than 60 rotations per minute</li> <li>• 100,000 revolutions (toward user) at no more than 60 rotations per minute</li> </ul>
Keyboard Wheel Horizontal Scrolling Life	250,000 actuations per side at no more than 4 actuations per second
Mouse Button Features	5 buttons including scroll wheel button
Right & Left Button Life	1,000,000 actuations at no more than 4 actuations per second
Back and Forward Button Life	1,000,000 actuations at no more than 4 actuations per second
Wheel Button Life	350,000 actuations at no more than 4 actuations per second
Mouse Scrolling Features	Tilt wheel enables vertical and horizontal scrolling
Wheel Vertical Scrolling Life	<ul style="list-style-type: none"> <li>• 100,000 revolutions (away from user)</li> <li>• 100,000 revolutions (towards user)</li> </ul>
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	32 °F (0 °C) to 104 °F (40 °C) at < 5% to 80% relative humidity (non-condensing)
Power Requirements	
Battery Type and Quantity	<ul style="list-style-type: none"> <li>• Keyboard: 3 AA alkaline batteries (included)</li> <li>• Mouse: 2 AA alkaline batteries (included)</li> </ul>
Battery Life	<ul style="list-style-type: none"> <li>• Keyboard: 6 months typical</li> <li>• Mouse: 6 months typical</li> </ul>
Certification Information	
Country of Manufacture	People's Republic of China (PRC)
ISO 9001 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: 1011 Wireless Desktop Elite Keyboard; 1007, Wireless IntelliMouse Explorer 2.0 and 1029, Wireless Optical Desktop Receiver 3.0. FCC ID: C3K1011 and C3K1007.
Certification Information	
Agency and Regulatory Marks	<ul style="list-style-type: none"> <li>• FCC Declaration of Conformity (USA)</li> <li>• UL and cUL Notice of Approval (USA and Canada)</li> <li>• RSS-210 and ICES-003 data on file (Canada)</li> <li>• R&amp;TTE Declaration of Conformity, Safety and EMC (European Union)</li> <li>• TUV GS Certificate (Germany)</li> <li>• VCCI and Telec Certificates (Japan)</li> <li>• ACA/MED Declaration of Conformity (Australia and New Zealand)</li> <li>• CITC Certificate (Saudi Arabia)</li> <li>• NTRA Certificate (Egypt)</li> <li>• CE Declaration (Hungary)</li> <li>• NOM Certificates (Mexico)</li> <li>• CB Scheme Certificate (International)</li> </ul>
Windows Hardware Quality Labs (WHQL)	ID: 1222526 Microsoft Windows 2000, Windows XP (x86, x64), Windows Server 2003 (x86, x64), and Windows Vista (x86, x64)

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