

# Microsoft® Optical Desktop Elite for Bluetooth®



## Technical Data Sheet

Version Information	
Product Name	Microsoft® Optical Desktop Elite for Bluetooth®
Product Version	Microsoft Optical Desktop Elite for Bluetooth 1.0
Keyboard Version	Microsoft Keyboard Elite for Bluetooth 2.0
Mouse Version	Microsoft IntelliMouse® Explorer for Bluetooth 2.0
Transceiver Version	Microsoft Wireless Transceiver for Bluetooth 2.0
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	46.0 ounces (1301 grams) includes 3 AA alkaline batteries; typical battery weight may vary
Mouse Length	4.97 inches (126 millimeters)
Mouse Width	3.14 inches (79.6 millimeters)
Mouse Depth/Height	1.72 inches (43.6 millimeters)
Mouse Weight	5.48 ounces (155 grams) includes 2 AA alkaline batteries; typical battery weight may vary
Transceiver Length	1.81 inches (46.0 millimeters)
Transceiver Width	0.88 inches (22.3 millimeters)
Transceiver Depth/Height	0.30 inches (7.69 millimeters)
Transceiver Weight	0.27 ounces (7.62 grams)
Compatibility and Localization	
Interface	USB Compatible
Operating Systems	Microsoft Windows® XP with SP2 or higher
Top-line System Requirements	<ul style="list-style-type: none"> <li>• Microsoft Windows XP with Service Pack 2 or higher</li> <li>• Pentium 233 MHz or higher processor</li> <li>• 128 MB of RAM</li> <li>• 60 MB of available hard disk space</li> <li>• USB port</li> <li>• CD drive</li> <li>• A wired mouse or keyboard may be required for installation</li> </ul>
Compatibility Logos	<ul style="list-style-type: none"> <li>• Designed for Microsoft Windows XP</li> <li>• Bluetooth Compatible Product</li> <li>• Certified USB logo</li> </ul>
Software Version	<p>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). Microsoft IntelliType Pro software, version 5.2 or higher, is required in order to enjoy full product functionality (including all Hot Key and Media Key features).</p> <p><b>Internet Hot Keys are supported for use with:</b> Microsoft Internet Explorer version 5.0 or later; MSN® Explorer 7.0 or 8.0; Netscape Navigator versions 6.1, 6.2, or 7.0; and AOL versions 7.0, 8.0, or 9.0</p> <p><b>Multimedia Hot Keys are supported for use with:</b> Versions of Microsoft CD Player, Microsoft Deluxe CD, Microsoft Windows Media Player, and certain versions of other popular media players and browsers</p>
Software Localization	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 version will be installed.
Keyboard Localization	<p>Available language sets will vary by product and sales channel.</p> <p><b>104 key configuration:</b> English (North America), International English (EURO), and International English (ROW)</p> <p><b>105 key configuration:</b> Danish, English (UK), Finnish/Swedish, French (France), German (Germany), German (Switzerland/Belgium), Italian, Norwegian, Portuguese (Portugal), and Spanish (EURO)</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	400 points per inch (15.75 points per millimeter)
Tracking Speed	Up to 20 inches (508 millimeters) per second

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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: 3 months typical</li> </ul>
Wireless Technology	
Wireless Platform	Bluetooth 1.2
Wireless Frequency	2.4 GHz frequency range
Wireless Range	32.8 feet (10 meters) typical
Bluetooth Profile Support	<ul style="list-style-type: none"> <li>Serial Port (SPP)</li> <li>Object Push (OPP)</li> <li>Personal Area Networking (PANU)</li> <li>Human Interface Device (HID)</li> <li>Hard Copy Cable Replacement (HCRP)</li> <li>Dial-Up Networking (DUN)</li> </ul>
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
Mouse Right & Left Button Life	1,000,000 actuations at no more than 4 actuations per second
Back/Forward Button Life	500,000 actuations at no more than 4 actuations per second
Mouse Wheel Button Life	150,000 actuations at no more than 4 actuations per second
Mouse Scrolling Features	Tilt wheel enables vertical and horizontal scrolling
Mouse Wheel Vertical Scrolling Life	<ul style="list-style-type: none"> <li>85,000 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>
Mouse Wheel Horizontal Scrolling Life	250,000 actuations per side at no more than 4 actuations per second
Transceiver Features	Supports up to seven devices equipped with Bluetooth technology
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)
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: 1002, Keyboard Elite for Bluetooth 2.0; 1001, IntelliMouse Explorer for Bluetooth 2.0; and 1003, Wireless Transceiver for Bluetooth 2.0. FCC IDs C3K1002, C3K1001, and C3K1003.
Agency and Regulatory Approvals	<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> <li>WHQL (International) IDs: 850313 (Keyboard 104/105), 850318 (Keyboard 109), 851258 (Mouse), 848441 (Transceiver)</li> </ul>

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