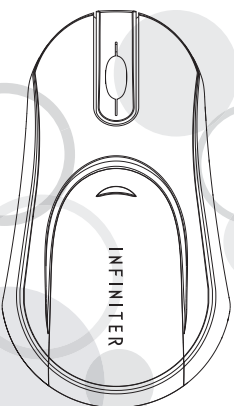


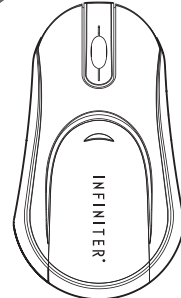
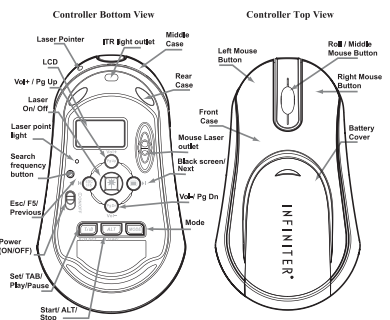

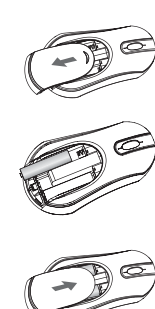

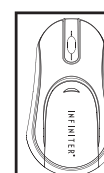
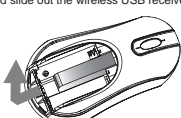

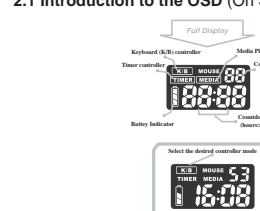

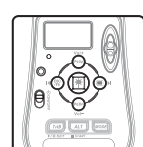
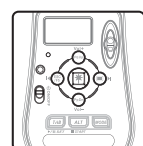
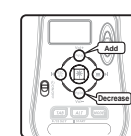
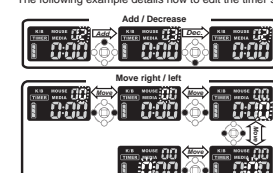
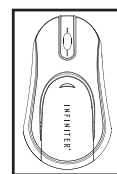



<div><div>INFINITER®</div><div></div><div>Wireless Laser Presenter Mouse 1 Model No:LPM1      User manual</div></div>	<div>Copyright Information</div> <div>Copyright © QUARTON, 2006. All rights reserved.</div> <div>Disclaimer: QUARTON shall not be liable for technical or editorial errors or omissions contained herein; nor for incidental or consequential damages resulting from furnishing this material, or the performance or use of this product.</div> <div>QUARTON reserves the right to alter or change product specifications without notice. Information in this document may change without notice. No part of this document may be copied, reproduced, or transmitted by any means, for any purpose without prior written permission from QUARTON.</div> <div>Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.</div> <div>Preface</div> <div>Congratulations on your purchase of <b>LPM1</b>, a versatile multimedia presentation laser pointer, wireless USB controller, combined flash drive and functional Laser Mouse.</div> <div>About this User's Guide</div> <div>This manual is designed to guide you through the setup and operation of <b>LPM1</b>. The introduction details usage and configuration for quick setup and operation. The <b>OSD</b> (On Screen Display) chapter details how to use <b>LPM1</b> menu, and the final chapter explains additional functions available.</div> <div>Quick Start Guide</div> <div>The Quick Start Guide is designed to help you set up and operate <b>LPM1</b> as quickly as possible. It contains basic information and operating procedures to get you started using <b>INFINITER LPM1</b>.</div> <div>Syntax Convention</div> <div>Buttons with captions, and menu options begin with capital letters. Buttons without captions are referenced by their graphical representation.</div>	<div>Contents</div> <div>Introducing LPM1 ..... 1</div> <div>1.1 Features ..... 1</div> <div>1.2 Package Contents ..... 3</div> <div>1.3 LPM1 Components ..... 4</div> <div>1.4 Specifications ..... 5</div> <div>1.5 Preparing for Use ..... 6</div> <div>    Installing the Battery ..... 6</div> <div>    Removing the Wireless USB Receiver ..... 7</div> <div>    Installing the Wireless USB Receiver ..... 8</div> <div>LPM1 Menu Display ..... 9</div> <div>2.1 Introduction to the OSD (On Screen Display)..... 9</div> <div>2.2 On-screen (OSD) Modes ..... 9</div> <div>    Keyboard (K/B) ..... 10</div> <div>    Media Player ..... 10</div> <div>    Timer ..... 11</div> <div>2.3 Laser Mouse Function..... 12</div> <div>Additional Information ..... 13</div> <div>3.1 Timer Quick Settings ..... 13</div> <div>3.1 Backlighting ..... 13</div> <div>3.2 Vibrate Alert ..... 14</div> <div>3.3 Frequency Search &amp; Synchronization ..... 14</div>	<div>CHAPTER 1 Introducing LPM1</div> <div>This chapter details the uses, features, and installation of <b>LPM1</b>.</div> <div>1.1 Features</div> <div>Wireless USB Transceiver</div> <div><b>LPM1</b> is an all-in-one transmitter and receiver. The wireless USB receiver separates from the main controller unit and plugs directly into any USB port. The controller can transmit up to 10 meters.</div> <div>Remote Keyboard</div> <div>Control the keyboard during presentations over the wireless connection.</div> <div>Remote Multimedia</div> <div>Use <b>LPM1</b> as a remote control for playing multimedia content.</div> <div>Backlit LCD Menu</div> <div>Always know the current status of your <b>LPM1</b> with a display easily viewed in any angle or light. The menu displays:</div> <div>Laser Pointer Icons</div> <div>Project a dot pointer image.</div> <div>Wireless Laser Mouse</div> <div>Use <b>LPM1</b> as a laser mouse for operating your computer.</div> <div>LPM1 User Manual Chapter 1 Introducing LPM1</div> <div>1</div>	<div>Countdown Timer</div> <div>Set the timer to countdown from up to 24 hours to remind you of important events, or how much time is left for your presentation.</div> <div>Vibrate Alarm</div> <div>The vibrate lets you discretely acknowledge timed alerts without creating a distraction.</div> <div>Power Saving Mode</div> <div>The <b>LPM1</b> will automatically turn off after 30 minutes standby.</div> <div>System Restore</div> <div><b>LPM1</b> remembers and restore the previous state of operation after switching off or even changing the batteries.</div> <div>LPM1 User Manual Chapter 1 Introducing LPM1</div> <div>2</div>	<div>1.2 Package Contents</div> <div>Please check the package contains the following items.</div> <div> User Manual</div> <div> AAA Battery x2</div> <div> <b>LPM1</b> and wireless USB receiver</div> <div>LPM1 User Manual Chapter 1 Introducing LPM1</div> <div>3</div>
<div>1.3 LPM1 Components</div> <div></div> <div>LPM1 User Manual Chapter 1 Introducing LPM1</div> <div>4</div>	<div>1.4 Specifications</div> <div>Dimensions: 11.6(L) x 6.6 (W) x2.9 (T) cm</div> <div>Weight: 98g (including battery)</div> <div>Transmission Distance: 33 feet (10 meters)</div> <div>Wireless Protocol: Radio frequency 2.4 GHz</div> <div>Interface: USB 2.0</div> <div>OS Supported: Windows2000/Me/XP, Mac OS 9.0 &amp; later</div> <div>Laser Wavelength: 630~680nm</div> <div>Output Power: CL IIIa, &lt;5mW; CL II, &lt;1mW</div> <div>Power: AAA 1.5V battery ( Battery x 2 )</div> <div>Battery Burn Time: 50 hours</div> <div><b>Warning:</b> Laser radiation is harmful to the eyes.</div> <div>Do not point laser beam at anyone's eyes.</div> <div><b>Caution:</b> Use of controls or adjustments, or performance of procedures other than those specified herein may result in hazardous radiation exposure.</div> <div>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.</div> <div></div> <div>LPM1 User Manual Chapter 1 Introducing LPM1</div> <div>5</div>	<div>1.5 Preparing for Use</div> <div>1.5.1 Installing the Battery</div> <div>For first use, and/or should the battery indicator on the LCD show empty. Please use the following procedure to install two new batteries.</div> <div></div> <div>1 Push the battery cover down and away from the controller.</div> <div>2 Align the AAA battery according to the positive (+) and negative (-) markings on the battery compartment.</div> <div>3 Replace the battery cover sliding it back until it clicks into place.</div> <div><b>Caution:</b></div> <div>*Only use the specified AAA battery.</div> <div>*Insert batteries according to positive (+) and negative (-) markings. Inserting the batteries incorrectly may result in cracking, leakage or other damage which may pose a risk of fire or lead to personal injury.</div> <div>*Dispose of the battery in accordance with local laws and regulations. Please turn in your batteries at the responsible collecting point, or place of purchase.</div> <div>*When the controller is not used for extended periods, please remove the battery.</div> <div><b>Warning:</b> Never dispose of batteries in fire, as they could explode.</div> <div>LPM1 User Manual Chapter 1 Introducing LPM1</div> <div>6</div>	<div>1.5.1.1 Powering LPM1</div> <div>1. To turn on the unit, move the slider switch into the on position, the power will be turned on.</div> <div>As shown in Picture 1, enter OSD Mode.</div> <div>As shown in Picture 2, enter Laser Mode.</div> <div> Picture 1</div> <div> Picture 2</div> <div>LPM1 User Manual Chapter 1 Introducing LPM1</div> <div>7</div>	<div>1.5.2 Removing the Wireless USB Receiver</div> <div>Locate the raised edge in the middle of the controller module and battery cover. Push and slide out the wireless USB receiver.</div> <div></div> <div>1.5.3 Installing the Wireless USB Receiver</div> <div>Insert the receiver directly into an available USB port of your notebook or computer.</div> <div></div> <div><b>Note:</b> If after installation, the USB receiver does not respond to the controller, please See "Frequency Search" on page 14 on how to match the frequency between controller and receiver.</div> <div>LPM1 User Manual Chapter 1 Introducing LPM1</div> <div>8</div>	<div>CHAPTER 2 INFINITER Menu Display</div> <div>This chapter explains how to use the OSD (On Screen Display) menus.</div> <div>2.1 Introduction to the OSD (On Screen Display).</div> <div></div> <div>2.2 On-screen OSD Modes</div> <div><b>LPM1</b> has three OSD Modes of operation. Press the Mode button to cycle through the different functions while using the controller.</div> <div></div> <div>LPM1 User Manual Chapter 2 LPM1 Menu Display</div> <div>9</div>
<div>2.2.1 Keyboard (K/B)</div> <div>Press the <b>Mode</b> button until <b>K/B</b> (Key Board) is highlighted on the <b>OSD</b> (On Screen Display).</div> <div></div> <div>Enter <b>K/B</b> mode to replace the computer-keys.</div> <div>Press <b>ALT</b> and then press <b>TAB</b> to scroll through open windows and programs.</div> <div><b>ALT, TAB, PgUP, PgDn, ESC</b> and <b>F5</b> also replaces their keyboard equivalents.</div> <div>The button turns the screen black.</div> <div>2.2.2 MEDIA PLAYER</div> <div>Press the <b>Mode</b> button until <b>MEDIA</b> is highlighted on the <b>OSD</b>.</div> <div></div> <div>Enter <b>MEDIA</b> mode to play your media with the controller.</div> <div>Remotely play, pause, stop, skip tracks or adjust the volume.</div> <div>LPM1 User Manual Chapter 2 LPM1 Menu Display</div> <div>10</div>	<div>2.2.3 TIMER</div> <div>Press the <b>Mode</b> button until <b>TIMER</b> is highlighted on the <b>OSD</b>.</div> <div></div> <div>Enter the <b>TIMER</b> to set and start a countdown from a maximum of 24 hours using <b>HH:MM:SS</b>.</div> <div>Press the up/down arrow to increase/decrease the highlighted number.</div> <div>Press the left/right arrow to highlight the desired number to change.</div> <div>Press <b>SET</b> to stop the timer and edit that value.</div> <div>Press <b>START</b> to begin the countdown.</div> <div>The following example details how to edit the timer settings.</div> <div></div> <div>Quick Timer Setup: When starting the timer setting, press SET to setup the timer quickly. Press once to add five minutes, and so on.</div> <div><b>Note:</b> The countdown timer continues, even if <b>LPM1</b> is switched off. When the controller is switched off, the countdown still displays on the LCD.</div> <div>LPM1 User Manual Chapter 2 LPM1 Menu Display</div> <div>11</div>	<div>2.3 Laser Mouse Function</div> <div><b>LPM1</b> Laser Mouse Function:</div> <div>Move the slider switch located on the side into on position. The Laser Mouse function is now powered and ready to operate.</div> <div>As shown in Picture 1, enter laser mouse function.</div> <div>Specification:</div> <div>*Wireless Laser Mouse: control with the left/right button &amp; roll.</div> <div>*DPI:1200</div> <div>*Surface detail: 20X more sensitivity than optical mouse.</div> <div> Picture 1</div> <div><b>Warning:</b> Laser radiation is harmful to the eyes. Do not point laser beam at anyone's eyes.</div> <div><b>Caution:</b> Use of controls or adjustments, or performance of procedures other than those specified herein may result in hazardous radiation exposure.</div> <div></div> <div>LPM1 User Manual Chapter 2 LPM1 Menu Display</div> <div>12</div>	<div>CHAPTER 3 Additional Information</div> <div>This chapter details additional functions of <b>LPM1</b></div> <div>3.1 Timer Quick Settings</div> <div>To quickly set the timer, press the Mode button until <b>TIMER</b> is highlighted. Now press <b>SET</b>, the countdown setting increases by 5 minutes with each subsequent press (i.e. 5,10,15,20), until the maximum of 24-hours is reached.</div> <div>3.2 OSD Backlighting</div> <div>The controller's <b>OSD</b> has a backlighting option for viewing under virtually any lighting conditions, and turns on for three seconds after the following:</div> <div>Pressing the <b>Mode</b> button</div> <div>Pressing the <b>PgDn</b> (down arrow) on the multifunction key during <b>K/B</b> (keyboard) mode.</div> <div><b>Note:</b> During Timer mode, the backlight remains illuminated.</div> <div>LPM1 User Manual Chapter 3 Additional Information</div> <div>13</div>	<div>3.3 Vibrate Alert</div> <div><b>LPM1</b> has a vibrate alert to discretely inform the user of:</div> <div>The final three minutes of the timer: with three short vibrations.</div> <div>The final minute of the timer : short vibration.</div> <div>When the timer reaches zero : long vibration..</div> <div>3.4 Frequency Search &amp; Synchronization.</div> <div>Should the receiver fail to respond to the controller after installing the driver, please check and review "Installing the Wireless USB Receiver" on page 8 to make sure the USB Receiver has been properly installed into the computer system.</div> <div>Once the USB receiver has been properly installed, please refer to the procedure outlined below to synchronize the frequency between the Wireless USB Receiver and the <b>LPM1</b>.</div> <div>To reset the transmission and reception frequency between controller and wireless USB receiver, please use the following procedure:</div> <div>1 Plug the wireless USB receiver into an available USB port.</div> <div>2 Move the slider switch located on the side of the <b>LPM1</b> into the powered on position, is on.</div> <div>3 Press the Connect key on the wireless USB Receiver.</div> <div>The status LED should start flashing. (Note: This is normal)</div> <div>4 Press the Frequency Search button on the <b>LPM1</b>.</div> <div>The status LED on the wireless USB receiver will stop flashing.</div> <div>5 When the status LED stops flashing, the wireless transmission is synchronized and ready to use.</div> <div>Now the <b>LPM1</b> is ready to use.</div> <div><b>Note:</b> For additional information, please visit <a href="http://www.infiniterlaser.com">www.infiniterlaser.com</a>.</div> <div>LPM1 User Manual Chapter 3 Additional Information</div> <div>14</div>	