



Copyright Information

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Preface

Congratulations on your purchase of **LPM1**, a versatile multimedia presentation laser pointer, wireless USB controller, combined flash drive and functional Laser Mouse.

About this User's Guide

This manual is designed to guide you through the setup and operation of **LPM1**. The introduction details usage and configuration for quick setup and operation. The **OSD** (On Screen Display) chapter details how to use **LPM1** menu, and the final chapter explains additional functions available.

Quick Start Guide

The Quick Start Guide is designed to help you set up and operate **LPM1** as quickly as possible. It contains basic information and operating procedures to get you started using **INFINITER LPM1**.

Syntax Convention

Buttons with captions, and menu options begin with capital letters. Buttons without captions are referenced by their graphical representation.

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CHAPTER 1 Introducing LPM1

This chapter details the uses, features, and installation of **LPM1**.

1.1 Features

Wireless USB Transceiver

LPM1 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.

Remote Keyboard

Control the keyboard during presentations over the wireless connection.

Remote Multimedia

Use **LPM1** as a remote control for playing multimedia content.

Backlit LCD Menu

Always know the current status of your **LPM1** with a display easily viewed in any angle or light. The menu displays:

Laser Pointer Icons

Project a dot pointer image.

Wireless Laser Mouse

Use **LPM1** as a laser mouse for operating your computer.

Countdown Timer

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.

Vibrate Alarm

The vibrate lets you discretely acknowledge timed alerts without creating a distraction.

Power Saving Mode

The **LPM1** will automatically turn off after 30 minutes standby.

System Restore

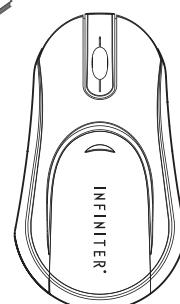
LPM1 remembers and restore the previous state of operation after switching off or even changing the batteries.

1.2 Package Contents

Please check the package contains the following items.



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LPM1 and wireless USB receiver

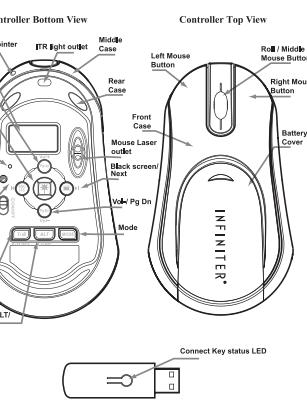
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1.3 LPM1 Components



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1.4 Specifications

Dimensions: 11.6(L) x 6.6 (W) x 2.9 (T) cm

Weight: 98g (including battery)

Transmission Distance: 33 feet (10 meters)

Wireless Protocol: Radio frequency 2.4 GHz

Interface: USB 2.0

OS Supported: Windows2000/Me/XP,

Mac OS 9.0 & later

Laser Wavelength: 630~680nm

Output Power: CL IIIa, <5mW; CL II, <1mW

Power: AAA 1.5V battery (Battery x 2)

Battery Burn Time: 50 hours

Warning: Laser radiation is harmful to the eyes.

Do not point laser beam at anyone's eyes.

Caution: Use of controls or adjustments, or performance of procedures other than those specified herein may result in hazardous radiation exposure.

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.



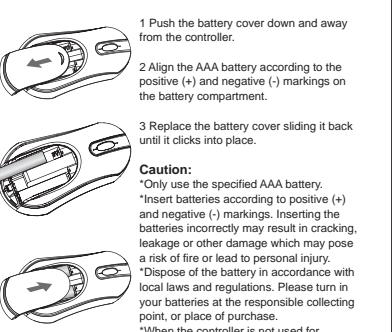
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1.5 Preparing for Use

1.5.1 Installing the Battery

For first use, and/or should the battery indicator on the LCD show empty. Please use the following procedure to install two new batteries.



Warning: Never dispose of batteries in fire, as they could explode.

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1.5.1.1 Powering LPM1

1. To turn on the unit, move the slider switch into the on position, the power will be turned on.

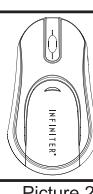
As shown in Picture 1, enter OSD Mode.

As shown in Picture 2, enter Laser Mode.

2. To turn off the unit, move the slider switch into the off position, the power will now be turned off.



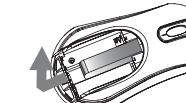
Picture 1



Picture 2

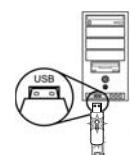
1.5.2 Removing the Wireless USB Receiver

Locate the raised edge in the middle of the controller module and battery cover. Push and slide out the wireless USB receiver.



1.5.3 Installing the Wireless USB Receiver

Insert the receiver directly into an available USB port of your notebook or computer.



Note: 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.

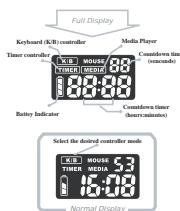
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Chapter 1 Introducing LPM1

CHAPTER 2 INFINITER Menu Display

This chapter explains how to use the OSD (On Screen Display) menus.

2.1 Introduction to the OSD (On Screen Display).



2.2 On-screen OSD Modes

LPM1 has three OSD Modes of operation.

Press the Mode button to cycle through the different functions while using the controller.



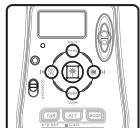
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2.2.1 Keyboard (K/B)

Press the Mode button until **K/B** (Keyboard) is highlighted on the OSD (On Screen Display).



Enter **K/B** mode to replace the computer-keys.

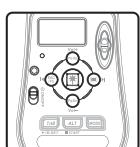
Press **ALT** and then press **TAB** to scroll through open windows and programs.

ALT, **TAB**, **PgUp**, **PgDn**, **ESC** and **F5** also replaces their keyboard equivalents.

The button turns the screen black.

2.2.2 MEDIA PLAYER

Press the Mode button until **MEDIA** is highlighted on the OSD.



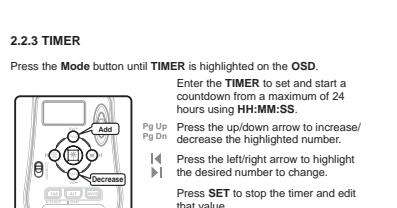
Enter **MEDIA** mode to play your media with the controller.

Remote play, pause, stop, skip tracks or adjust the volume.

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2.2.3 TIMER

Press the Mode button until **TIMER** is highlighted on the OSD.



Quick Timer Setup: When starting the timer setting, press **SET** to setup the timer quickly. Press once to add five minutes, and so on.

Note: The countdown timer continues, even if **LPM1** is switched off. When the controller is switched off, the countdown still displays on the LCD.

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2.3 Laser Mouse Function

2.3.1 Laser Mouse Function

LPM1 Laser Mouse Function: Move the slider switch located on the side into on position. The Laser Mouse function is now powered and ready to operate.

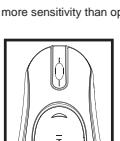
As shown in Picture 1, enter laser mouse function.

Specification:

*Wireless Laser Mouse: control with the left/right button & roll.

*DPI:1200

*Surface detail: 20X more sensitivity than optical mouse.



Picture 1



Picture 2

CHAPTER 3 Additional Information

This chapter details additional functions of **LPM1**.

3.1 Timer Quick Settings

To quickly set the timer, press the Mode button until **TIMER** is highlighted. Now press **SET**, 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.

3.2 OSD Backlighting

The controller's OSD has a backlighting option for viewing under virtually any lighting conditions, and turns on for three seconds after the following:

Pressing the **Mode** button
Pressing the **PgDn** (down arrow) on the multifunction key during **K/B** (Keyboard) mode.

To reset the transmission and reception frequency between controller and wireless USB receiver, please use the following procedure:

3.3 Vibrate Alert

LPM1 has a vibrate alert to discretely inform the user of:

The final three minutes of the timer: with three short vibrations.
The final minute of the timer: short vibration.
When the timer reaches zero: long vibration..

3.4 Frequency Search & Synchronization.

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.

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 **LPM1**.

To reset the transmission and reception frequency between controller and wireless USB receiver, please use the following procedure:

1 Plug the wireless USB receiver into an available USB port.
2 Move the slider switch located on the side of the **LPM1** into the powered on position, is on.
3 Press the Connect key on the wireless USB Receiver.
The status LED should start flashing. (Note: This is normal)

4 Press the Frequency Search button on the **LPM1**.

The status LED on the wireless USB receiver will stop flashing.

5 When the status LED stops flashing, the wireless transmission is synchronized and ready to use.

Now the **LPM1** is ready to use.

Note: For additional information, please visit www.infiniterlaser.com.

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Chapter 3 Additional Information

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