2.4G Intellectual Wireless Presenter
User's Manual

Ⓒ 2010 All rights reserved.

IMPORTANT SAFETY AND HEALTH INFORMATION

CAUTION
LASER RADIATION DO NOT STARE INOT BEAM
WAVE LENGTH:650±10nm 532±10nm
CLASS II<1mW   CLASS IIIa<5mW
This product complies with 21 CFR.

FC
FCC ID:WWX-1593-RF08

WARNING! RISK OF INJURY!

Laser beam can cause permanent damage to eyes. Do not look into the laser beam or shine the laser beam into your eyes, other peoples' eyes, or pet's eyes.

Keep this device away from Children. This is a working tool, not a toy or entertainment device. It should only be used by adults.

Trademarks:

Windows, Windows Vista, Windows Media, Microsoft and PowerPoint are registered trademarks of Microsoft Corporation.

Other trademarks and registered trademarks not listed above may be used in this manual.

Chapter 1 Introduction

■ *Product Function*

In addition to laser pointer 3 in 1 (Dot, Line & Circle), this Laser Presenter can control PowerPoint slide up and slide down as well as Black Screen & Play functions wirelessly with up to 30M away from the USB receiver.

■ *System Requirements*

Windows® 98SE/ME/2000/XP/Windows Vista™/7

Mac OS 10.2 (or later) on PowerPoint X and PowerPoint 2004 for Mac

An available USB port

Chapter 2 Getting Started and Operation Mode

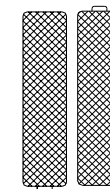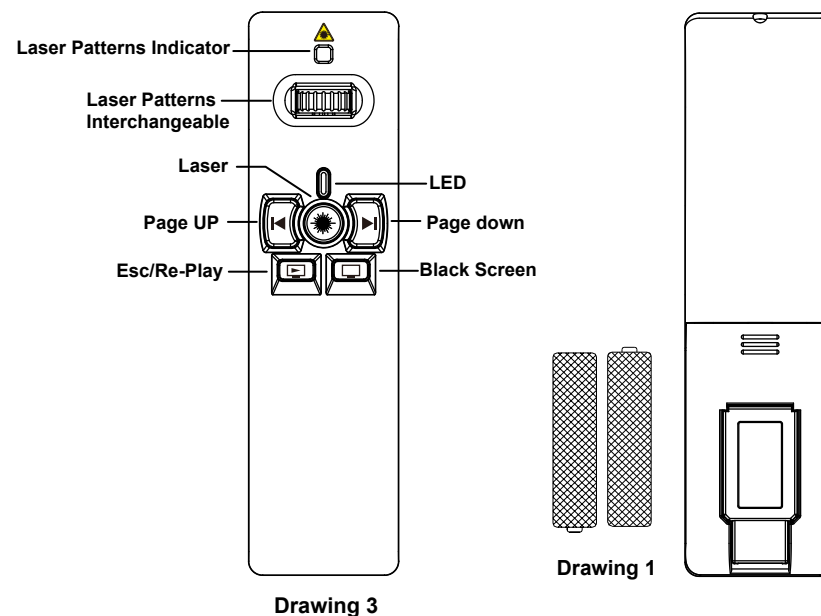■ *Insert the batteries (Drawing 1)*

Remove the battery compartment out and Insert 2pcs of AAA battery. Please ensure the batteries are inserted in correct polarity.
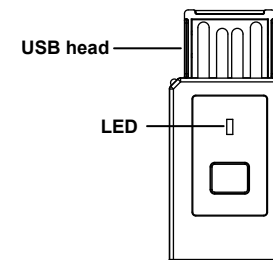
■ *Connect the USB receiver (Drawing 2)*

Plug the USB receiver exactly into an USB port.

■ *Open Presentation PowerPoint file on your PC*

Chapter 3 Using the Laser Presenter (Drawing 3)

Laser Patterns Indicator
Laser Patterns Interchangeable
Laser
LED
Page UP
Page down
Esc/Re-Play
Black Screen

Drawing 1

Drawing 3

USB head

LED

Drawing 2

■ **On Laser Presenter**

Button or LED	Function description
Laser button	Press Laser button to shoot the laser beam
LED	Green LED Light up when laser btton is pressed
LED	Red LED Light up when Battery is Low Voltage
⏮	Click to go to previous slide (PageUp Key)
⏭	Click to go to previous slide (PageDn Key)
⯈	Click to go to play slide (Shift+F5 Key) or Esc
⬚	Click to go to Black Screen

■ **On USB Receiver**

Button or LED	Function description
LED	1. Light up when the USB receiver is plugged in PC USB port and will immediately enter into 10-second standby time for ID pairing. If ID pairing on Presenter is conducted within 10-second standby time, the green LED will become blinking which means the ID pairing is successfully completed. 2. (After above 10-second standby time) Light up when slide up or slide down button is pressed.

Chapter 4 ID Pairing Process

If intereference occurred, conduct ID Pairing below to continue operation.

4.1 Plus the USB receiver in your PC and its green LED will light up and receiver will automatically enter into 10-second ID pairing standby mode.

4.2 Press ⏮ ⏭ (slide up and slide down) buttons on presenter simultaneously for 5 seconds until the green LED on USB receiver becomes blinking which means the ID pairing is successfully completed and presenter and USB receiver have new paired ID.

Note: (1) Process 4.1 will be executed whenever the USB receiver is plugged in PC

(2) If process 4.2 is not executed with 10-second standby time, the existing ID will be remained.

(3) If process 4.2 is conducted after 10-second standby time, the new channel and ID will be sent out which will cause the channe l and ID of presenter and USB receiver are different and consequently no function when pressing slide up or down key. In such case, please plug out and plug in USB receiver from PC again and conduct the "**ID Pairing process**" to let presenter and USB receiver have the same channel and ID.

(4) Whenever user wants to conduct ID link after 10-second standby time, user shall plug out and in USB receiver from PC again and conduct the "**ID Pairing process**".

Chapter 5 Specifications

(Note: Design and specifications are subject to change without prior notice.)

■ **System**

2.4G Frequency range：2400~2483MHz

Remote range：Approx. 30M indoors

Operation Voltage: 2.4V~3.2V

Battery Power：AAA * 2pcs

Wavelength: 650nm (For Red Laser Products)

Wavelength: 532nm (For Green Laser Products)

Power: □< 1mW □< 5mW

□ **Dimensions**

Presenter　　 : 120 ± 1mm (L) * 32mm (W) * 21mm　(H)

□ USB receiver：33.6 ± 1mm (L) * 16mm　(W) * 3.5mm　(H)

Weight

Presenter　　 : About 67g ± 5g　(include batteries)

USB receiver：About 1.6g ±1g

□ **Environmental Requirements**

Temperature:

Operation Temperature for: 20~30°C

Storage Temperature: 60°C

Chapter 6 Trouble Shooting

Question	Possible cause	How to resolve
Need to install software for first use of this product?		No, this is a plug and play device.
Need to pair ID before first use?		No need
Possible to use 2 or more of this product in a room at the same time?		Yes, but please conduct ID Pairing in advance to avoid interference (see Chapter 4 of ID Pairing Process)
Laser pointer malfunction	Batteries inserted in wrong direction or run out of battery power	Please check if batteries are correctly inserted or please replace with new batteries.
Laser pointer and remote control both malfunction	Batteries inserted in wrong direction or run out of battery power	Please check if batteries are correctly inserted or please replace with new batteries.
Remote control malfunction	Interfered by other 2.4GHz RF signal	Please conduct ID Pairing (see Chapter 4 of ID Pairing Process)

Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

 - Reorient or relocate the receiving antenna.
 - Increase the separation between the equipment and receiver.
 - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
 - Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

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.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.