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## IMPORTANT SAFETY AND HEALTH INFORMATION

### CAUTION

LASER RADIATION-DO NOT STARE INTO BEAM



MAX OUTPUT:1mW

WAVE LENGTH:650± 20nm

CLASS II LASER PRODUCT.

This product complies with 21 CFR.

### 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.

### WARNING! RISK OF INJURY!

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

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## Chapter 1 Introduction

Thank you for choosing Our 3-in-1 Omni-Directional Wireless Presenter  
—“Totally Control Your Presentation!”

### ■ What's the benefits

- **Making your presentation easier and more successful!**  
With Our 3-in-1 Omni-Directional Wireless Presenter, you don't need to stand beside your notebook computer or have an additional person to assist you, nor do you need to aim at the receiver of the remote control. This Wireless Presenter provides you with a single tool to manage your presentations.

### □ Multi-function Design

Our 3-in-1 Omni-Directional Wireless Presenter combines the features of the presentation controls, wireless mouse and laser pointer into one ergonomic device. Excellent 2.4GHz RF technology enables you to control the computer mouse cursor up to 100 feet (30 meters) away from the receiver (connected to the USB port); the laser pointer functions up to 130 feet (40 meters) from the target.

### □ Easy to Use

Our 3-in-1 Omni-Directional Wireless Presenter is a USB plug-and-play device with no additional software required. The laser beam safety switch provides protection against unintentional laser beam into human eyes.

### ■ Equipment Checklist

Carefully unpack your 3-in-1 Wireless Presenter, and keep the packing materials for future reference. Check to make sure you have all the following items:

- |  |   |
|--|---|
| □ 3-in-1 Omni-Directional Wireless Presenter | 1 |
| □ USB Receiver                               | 1 |
| □ AAAA batteries                             | 2 |
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### ■ System Requirement

The followings are the basic system requirements:

- Operating systems  
Windows® 98 SE, Me, 2000, XP, Windows Vista™
- One available USB port for connecting the USB receiver dongle.

### FEDERAL COMMUNICATIONS COMMISSION

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.

### NOTE

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 or more 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.
- (Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment)

## Chapter 2 Getting Started

### ■ *Inserting the battery*

Open the battery cover and insert two AAA batteries.

Notes on batteries:

- Be sure that the polarity of the batteries is set properly.
- Do not charge, heat, open, or short-circuit the batteries.
- Do not leave dead or exhausted battery in the presenter.
- If you do not intend to use this unit for a long period of time, it is advisable to remove the batteries.
- If the wireless presenter does not function correctly or if the operating range becomes reduced, try to replace the battery with new ones.
- Do not use different type of batteries together, or mix old and new batteries.

### ■ *Connecting the RF receiver*

Connect the receiver to your notebook computer by plugging it into an available USB port. If all your USB ports are occupied, you can also plug it into a connected USB hub.

Do as follows, depending on your operating system:

#### □ Windows® 98/SE/Me

The system prompts you to insert the operating system CD-ROM. Follow the instructions on the screen to install the required drivers.

#### □ Windows® 2000/XP/Windows Vista™

The operating system identifies the receiver as a "USB Human Interface Device" and begins installation automatically. Follow the instructions or messages on the screen to complete the installation.

### ■ *Activate the Laser*

Press and hold both Fn and On/Off key on the right side for two seconds to activate the laser. (the mode indicator flashes)

Note: If you have several 2.4GHz remote devices within range and working at the same channel, the presenter is jammed evidently, you may try to change RF ID for better communication quality. Please do as follows:

1. Press the ID link button on the receiver and the LED lights up steady. This means the receiver is ready for linking.
2. Press the Fn and Link keys on the Presenter simultaneously for more than three seconds. The LED on the receiver begins blinking to confirm a successful link.

Now, your 3-in-1 Wireless Presenter is ready to go.

## Chapter 3 Using the 3-in-1 Wireless Presenter

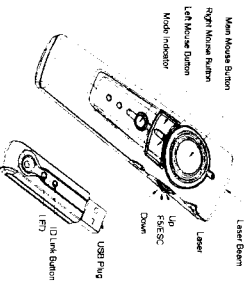
There are two color words on the right side of the 3-in-1 Wireless Presenter:

1. **White** for normal mode
2. **Yellow** for function mode

**Note:** The Fn key does not function except when used simultaneously with another key.

- **Normal Mode:** Function of each key when not used with the Fn key

Figure 1



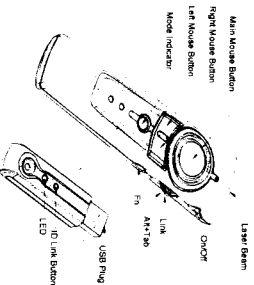
Keys	Function description
Laser	Press <b>Fn + On/Off</b> together to activate the laser function first, and then press <b>Laser</b> key to shoot the laser beam.
Up	Push up the switch and go back to the previous slide.
	Click to start the slide show.
F5/ESC	(similar to pressing F5 in PowerPoint)
	Press and hold more than three seconds to exit the slide show.
Down	(similar to pressing Esc in PowerPoint)
	Pull down the switch and go to the next slide.

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- **Function Mode**

Function of each key when used simultaneously with the Fn key, and the Fn key should be pressed before clicking the other key.

Figure 2



Keys	Function description
Fn + On/Off	<ul style="list-style-type: none"> <li>● Press and hold both <b>Fn</b> and <b>On/Off</b> for two seconds to activate the laser.</li> <li>● (the mode indicator flashes)</li> <li>● Press and hold again for two seconds to deactivate the laser (the mode indicator flashes)</li> </ul>
Fn + Alt+Tab	Switch from one program/file to another in presentation (similar to pressing Alt+Tab in PowerPoint)
Fn + Link	1. Press <b>Link</b> key on USB receiver and LED on receiver will light red. 2. Press <b>Fn</b> and <b>Link</b> key on presenter simultaneously till LED on receiver blinks red.
Fn + Left Mouse Key	Turn the screen black
Fn + Right Mouse Key	Turn the screen white

**Note:** idling over 30 minutes, the laser key will be de-activated automatically.

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## Chapter 4 Additional Information

### ■ Specifications

#### □ System

Frequency range: 2400-2483MHz

Remote range: Approx. 100 feet (30 meters) indoors, 325 feet (100 meters) outdoors

Operating voltage: Remote control: 2.4V-3.3V, Laser: 2.8V-3.3V

Power: AAA batteries \* 2

Very low power consumption: Normal operation <10mA

Laser operation < 20mA

Sleep < 10uA

Output power: Under 1mW

Physical Dimensions

Size: Tx: 130(0) x 38.2(4) x 21.2(3) mm, Rx: 68.15(0) x 18(4) x 10.3(3) mm

Weight: Approx. Tx 60 grams (Include batteries) Rx 8 grams

#### □ Environmental Requirements

Temperature:

Operating: 0°C(32°F)-60°C(140°F)

Non-operation: -10°C(14°F)-65°C(148°F)

Humidity(non-condensing):

Operating: 10%-85% RH

Non-operating: 10%-95% RH

- Laser: Semiconductor laser,  $\lambda = 650$  nm, emission duration: continuous
- Laser output power: Max 0.95 mW

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

### ■ Care and Maintenance

- For cleaning, you are advised to use a soft, slightly moistened cloth.
- Avoid using solvents or abrasive substances.
- Do not open the presenter; for maintenance, consult qualified staff only.

## Trouble Shooting

Question	Possible cause	How to resolve
Need to install software for first use of the Presenter?		No, this is a plug and play device, you do not need to install any software.
Need to link ID before first use?		No need
Can you use two Presenters in a room at a same time?		Yes, you can, but we suggest you implement ID change in advance to avoid interference. (please see page 9)
Laser pointer malfunction	Forgot to switch on the laser pointer or laser function is automatically turned off after 30 minutes idling time.	To switch on the laser pointer (please refer to page 9)
Remote control malfunction	Interfered by other RF signal	Implement ID change (please refer to page 9)
Laser pointer and remote control both malfunction	Put battery in wrong direction or run out of battery power	1. Make sure you are on the right mode. 2. Check the batteries

Thank you for using Our 3-in-1 Omni-Directional Wireless Presenter again.

**3-1n-1**

# **Omni-Directional Wireless Presenter**

**User's Manual**