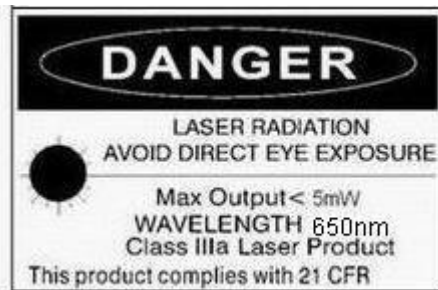
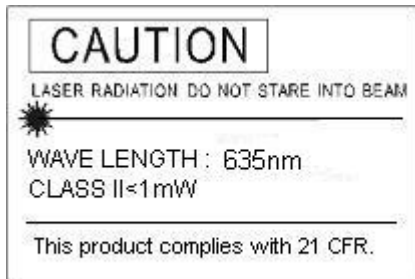


RF100 Laser Presenter (2.4GHz)

User's Manual

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IMPORTANT SAFETY AND HEALTH INFORMATION



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.

Chapter 1 Introduction

■ **Product Function**

In addition to laser pointer, this Laser Presenter can control PowerPoint slide up and slide down wirelessly with up to 100 feet (30 meters) away from the receiver.

Chapter 2 Getting Started and Operation Mode

■ **Insert the batteries**

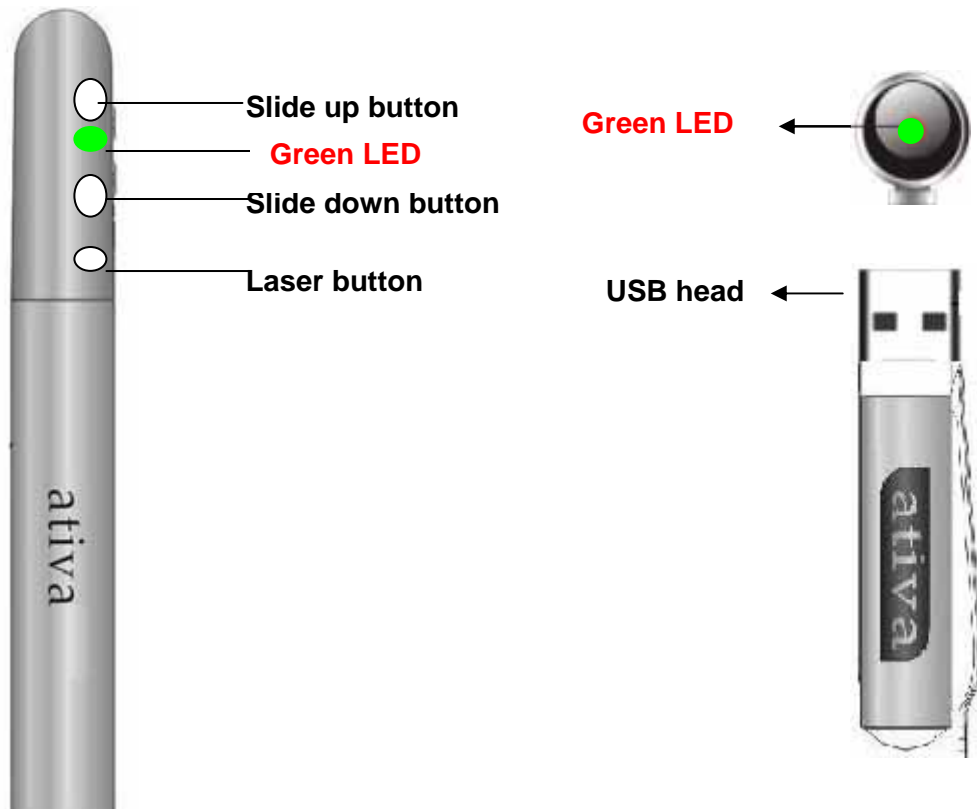
Screw off the product head and insert the attached batteries.

■ **Connect the USB receiver**

Plug the USB receiver (i.e. product head) exactly into an USB port.

■ **Open presentation PowerPoint file on your PC**

Chapter 3 Using the Laser Presenter



Button or LED	Function description
Laser button	Press Laser button to shoot the laser beam
Green LED ■	Light up when laser button is pressed
Green LED ●	<ol style="list-style-type: none"> 1. Light up when the USB receiver is plugged in PC USB port and will have 10-second standby time for ID pairing. If you conduct ID pairing on Presenter within 10-second standby time, the green LED will become blinking which means the ID pairing is completed. 2. (After above 10 seconds) Light up when slide up or slide down button is pressed.
▲	Click to go to previous slide
▼	Click to go to next slide

Chapter 4 Specifications

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

■ System

Frequency range : 2400~2483MHz

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

Operating voltage : Remote control: 2.4V~3.3V, Laser:

Power : Batteries: N type x 2 pcs

Power : Normal operation <10mA

Laser operation < 35mA

Sleep < 10uA

Output power: Below 0dBm

□ Dimension



Presenter : 15.2*123.9 mm

USB receiver : 15.2*55.2 mm

Chapter 5 ID Pairing Process

If in any interferential condition, the user can pairing in below way.

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 3 seconds until the green LED on USB receiver becomes blinking which means the ID pairing has successfully completed and presenter and USB receiver has new paired ID.

Note: Above process 4.1 will be executed whenever the USB receiver is plugged in PC and If process 4.2 is not executed, the existing ID will be remained.

PS :

- (1) If user does not do above Step 2 during 10-second standby time, the channel and ID will not be changed.
- (2) If user does above Step 2 after 10-second standby time, the new channel and ID will be sent out which will cause the channel and ID of presenter and USB receiver are different and consequently no function when pressing Page up or down key. In such case, please plug out and plug in USB receiver from PC again and do the “**ID Link procedure**” to let presenter and USB receiver have the same channel and ID.

Whenever user wants to conduct ID link after 10-second standby time, user shall plug out and in USB receiver from PC again and do the “**ID Link procedure**”.

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 implement ID pairing in advance to avoid interference (see page 5 of ID Pairing Process)
Laser pointer malfunction	Batteries inserted in wrong direction or run out of battery power	Batteries inserted in wrong direction or run out of battery power
Laser pointer and remote control both malfunction	Batteries inserted in wrong direction or run out of battery power	Batteries inserted in wrong direction or run out of battery power
Remote control malfunction	Interfered by other RF signal	To conduct ID pairing (see Chapter 5 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 device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.