



AUTEL CSC050A/15 Two Line Laser User Guide

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AUTEL®

AUTEL CSC050A/15 Two Line Laser



Specifications:

- **Left Two-line Laser:** 1 PC
- **Right Two-line Laser:** 1 PC
- **Quick Reference Guide:** Two-line Laser AUTEL-CSC050A/15
- **Extension Rods:** IA1000WA Extension Rod AUTEL-CSC050A/18-L,AUTEL-CSC050A/18-R

Product Usage Instructions

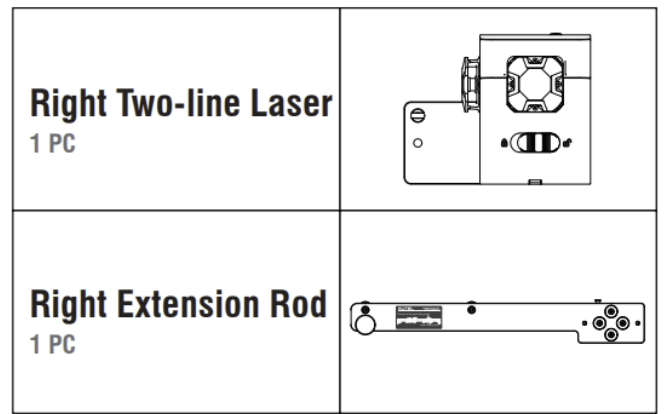
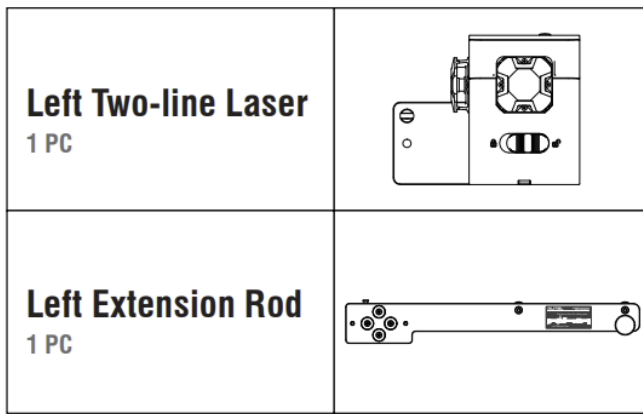
Assembling the Two-line Lasers on the Sliding Plates:

1. Open the battery cover at the bottom of the left two-line laser and insert four AA batteries (not included).
2. Attach the mounting surface of the two-line laser to the groove on the left sliding plate to secure it in place.
3. Slide the front switch on the two-line laser to the right to turn it on.
4. Check if the two-line laser is working properly by holding the top button for 5 seconds to emit the laser.
5. Install the right two-line laser onto the right sliding plate using the same method as for the left two-line laser.

Assembling the Extension Rods and Two-line Lasers on the Sliding Plates:

1. Align the positioning spaces of the left extension rod with the grooves on the left sliding plate.
2. Tighten the fastening knob on the extension rod securely.
3. Open the battery cover at the bottom of the left two-line laser and insert four AA batteries (not included).
4. Attach the mounting surface of the laser to the groove on the left extension rod to secure it in place.
5. Slide the front switch on the two-line laser to the right to turn it on.

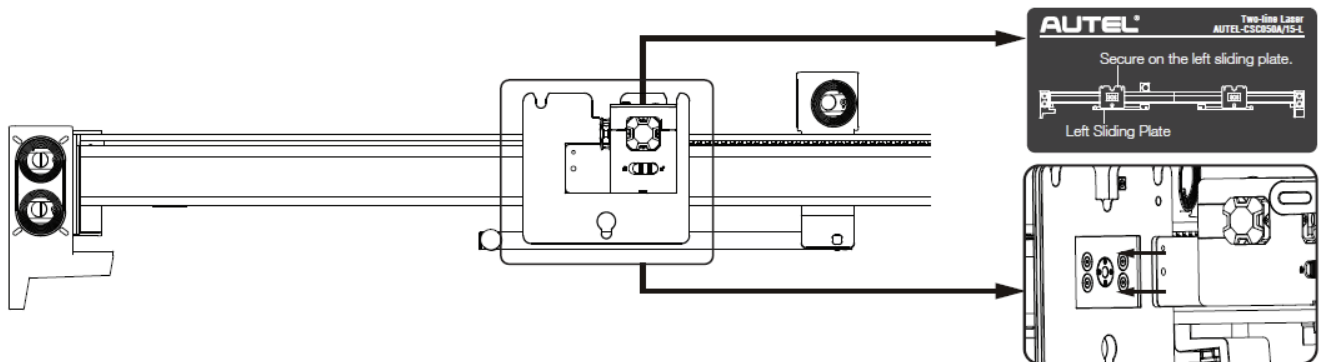
Parts List



Assembly Instruction

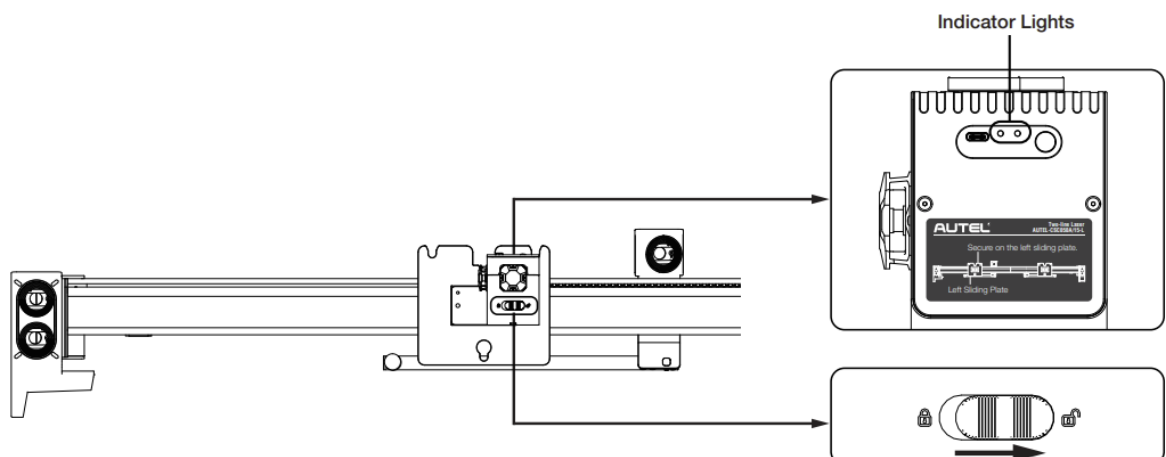
Assemble the Two-line Lasers on the Sliding Plates

1. Open the battery cover at the bottom of the left two-line laser and insert four AA batteries (not included). Stand in front of the calibration frame. Attach the mounting surface of the two-line laser to the groove on the left sliding plate to secure it in place.



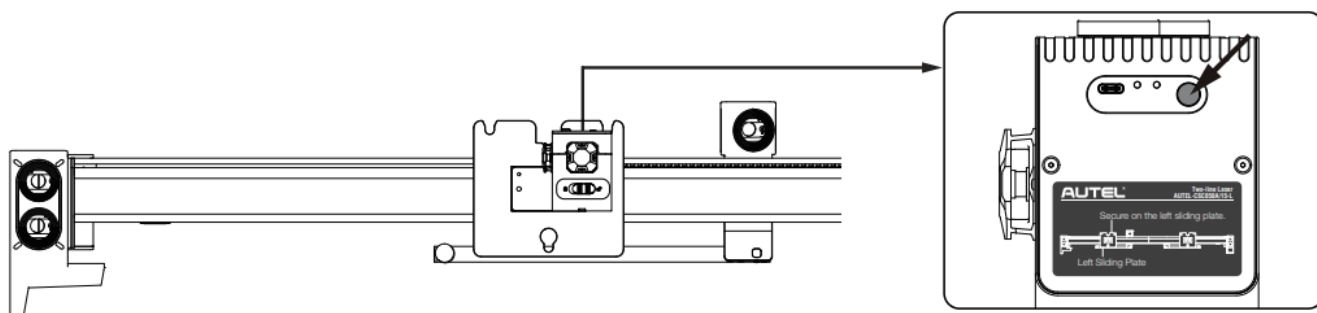
2. Slide the front switch on the two-line laser to the right. The two indicator lights on top will turn on, which will display different colors in different working states. The meaning of each indicator light is as follow:

- Left Indicator Light:
 - Red: Bluetooth not connected;
 - Blue: Bluetooth connected;
- Right indicator light:
 - Green: Two-line laser operating normally;
 - Red: Low battery.

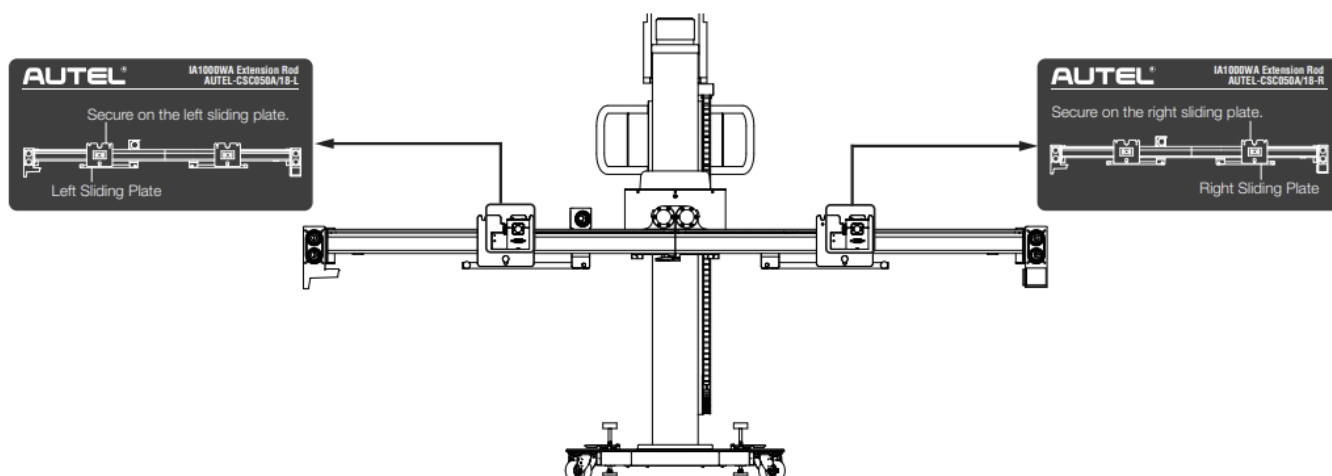


3. Check if the two-line laser is working properly: When the two-line laser is on, hold the top button for 5 seconds to emit the laser.

The laser will automatically stop emitting after 10 minutes, or you can hold the button again to stop the laser emission.

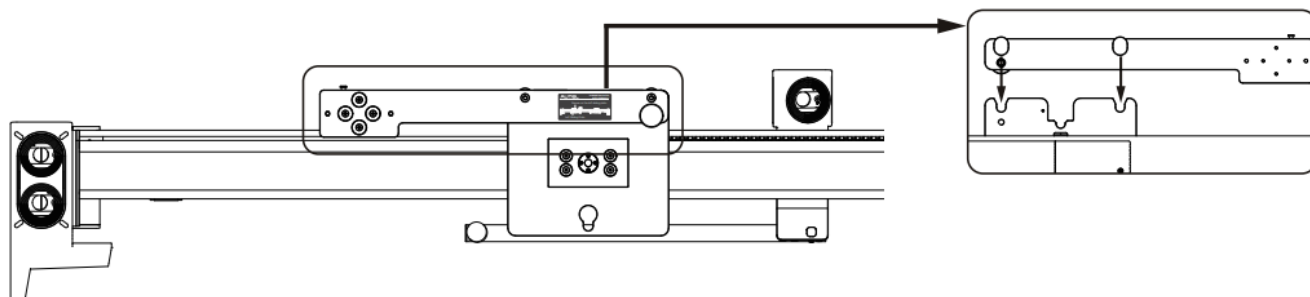


4. Install the right two-line laser onto the right sliding plate using the same method as for the left two-line laser.

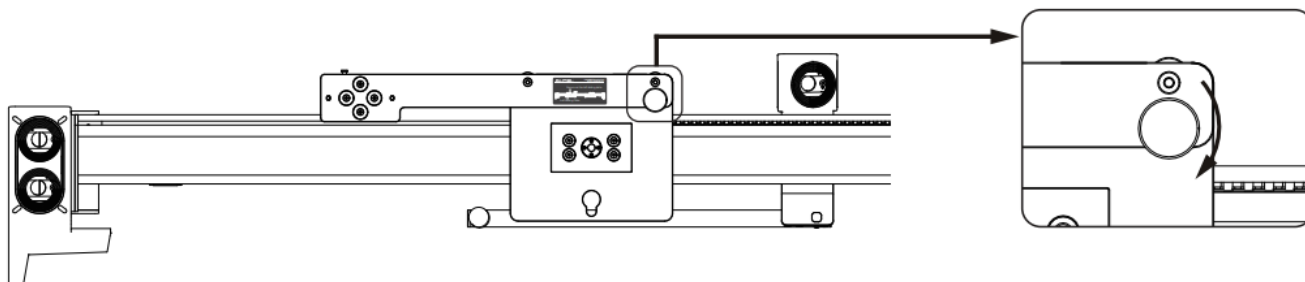


Assemble the Extension Rods and the Two-line Lasers on the Sliding Plates

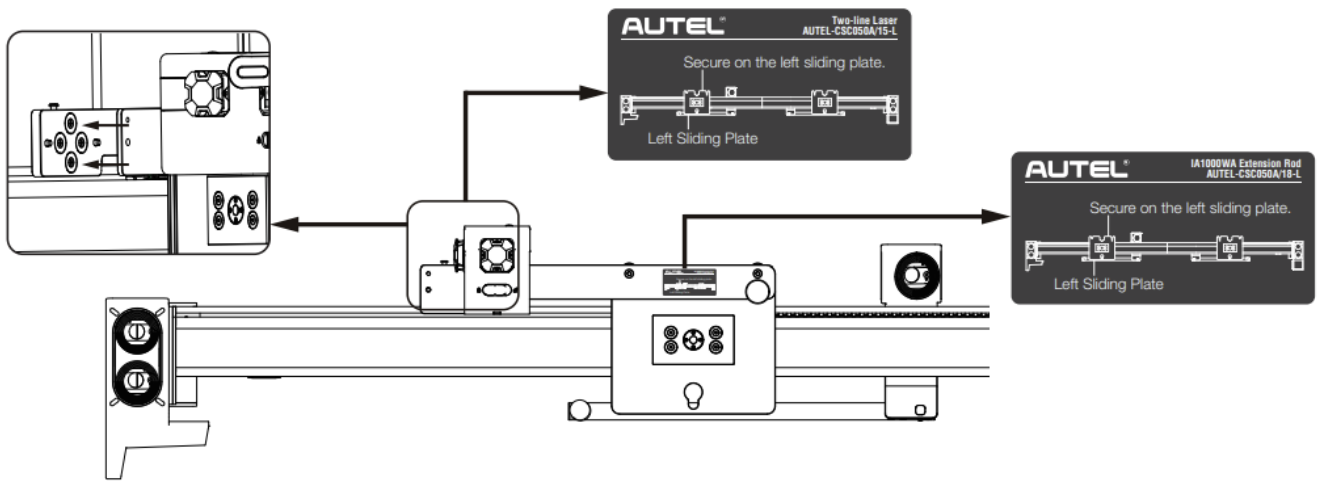
1. Stand in the front of the calibration frame. Align the positioning spaces of the left extension rod with the grooves on the left sliding plate.



2. Tighten the fastening knob on the extension rod securely.

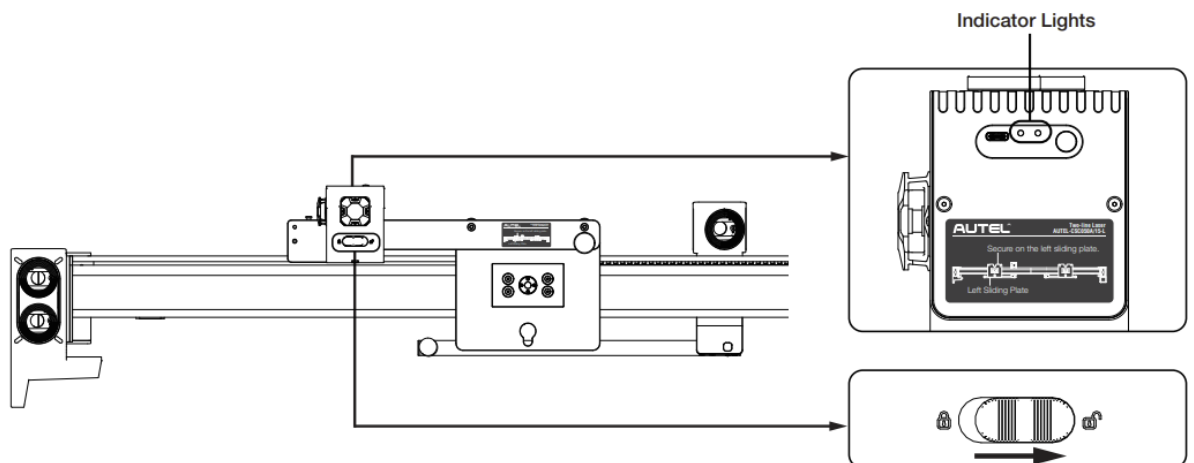


3. Open the battery cover at the bottom of the left two-line laser and insert four AA batteries (not included). Attach the mounting surface of the laser to the groove on the left extension rod to secure it in place.



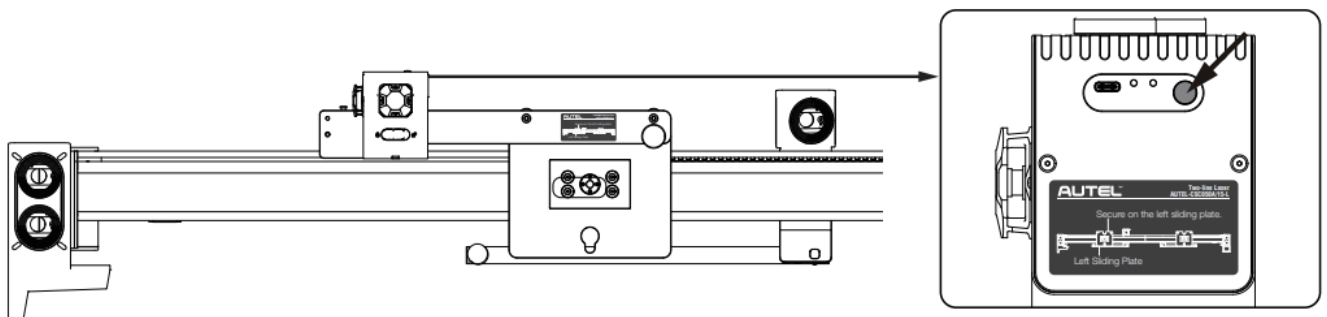
4. Slide the front switch on the two-line laser to the right. The two indicator lights on top will turn on, which will display different colors in different working states. The meaning of each indicator light is as follow:

- Left Indicator Light:
 - Red: Bluetooth not connected;
 - Blue: Bluetooth connected;
- Right indicator light:
 - Green: Two-line laser operating normally;
 - Red: Low battery.

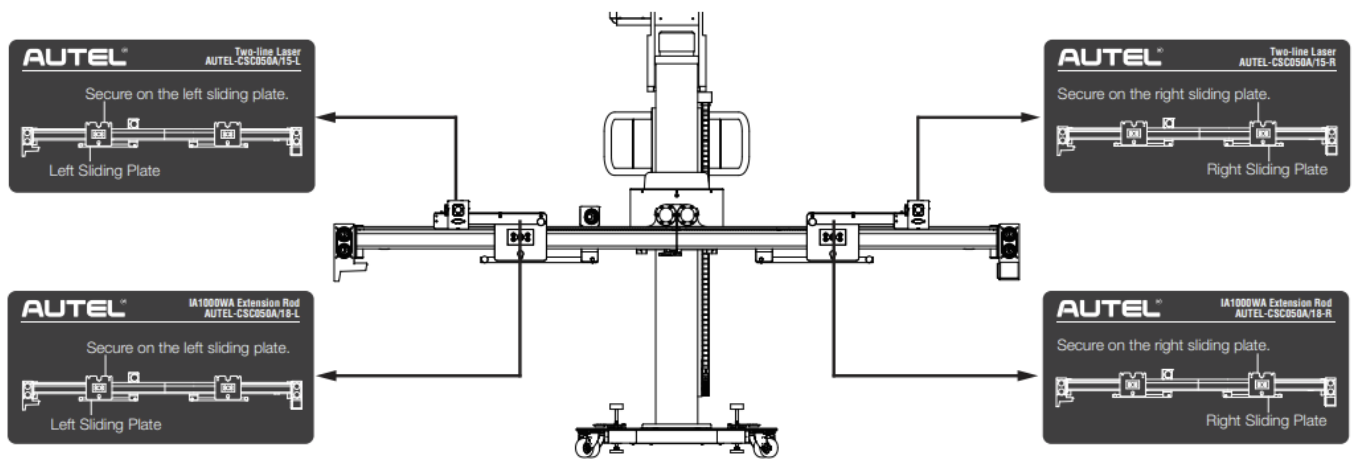


5. Check if the two-line laser is working properly: When the two-line laser is on, hold the top button for 5 seconds to emit the laser.

The laser will automatically stop emitting after 10 minutes, or you can hold the button again to stop the laser emission.



6. Install the right two-line laser and extension rod onto the right sliding plate using the same method as for the left two-line laser and extension rod.



NOTE: The illustrations in this Quick Reference Guide are for reference only. The actual product may differ.

Notice:

Laser devices emit highly concentrated visible and invisible light which can be hazardous to human eyes. Products incorporating these devices must follow the safety precautions given in IEC 60825-1. The subcomponents of this device contain, in addition to other substances, metal-filled materials including silver. Metal-filled materials can be affected by environments containing traces of aggressive substances. Therefore, we recommend that customers minimize the device's exposure to aggressive substances during storage, production, and use.

Important Notes on Operating Laser Devices

- **Electrical Operation**

Laser devices are designed for maximum performance and reliability. Operating the laser diode above the maximum rating even for very short periods of time can damage the laser diode or shorten its lifespan. The laser devices must be operated with a suitable power supply to minimize electrical noise.

- **Mounting Instructions**

To maintain the lifetime of the laser devices, proper heat management is essential. Due to the design of the laser diode, heat is dissipated only through the base plate of the diode's body. A proper heat-conducting interconnection between the diode's base plate and the heat sink must be maintained.

Handling:

Solvents, water, liquids, non-conductive plastics, and glues are not allowed near the device because solvents and other liquids could emerge and damage the product.

Attention Please:

We are not liable for any damage or contamination caused to the laser devices while operating, processing, storing, or handling in environments other than pure air. This includes organic materials in the atmosphere (e.g., oil, grease, silicone-based materials), corrosive gases, alkaline gases, acid gases, or any other related atmosphere. Operation or storage in environments with high humidity, dew formation, or temperatures outside the maximum ratings should be avoided. Furthermore, it must be ensured that any particles or dust during storage, handling, assembly, or operation do not contaminate the laser devices. The products should only be stored, processed, and handled in clean rooms and should not be touched with bare hands.

FCC Warning

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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your 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 equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 0cm between the radiator and your body.

ISED Statement

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s).

Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

This equipment complies with Canada radiation exposure limits set forth for an uncontrolled environment.

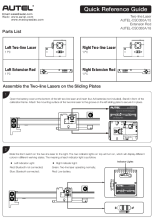
This equipment should be installed and operated with minimum distance 0cm between the radiator & your body.

Frequently Asked Questions

Q: What do the indicator lights on top of the two-line laser signify?

A: The left indicator light shows red for Bluetooth not connected and blue for Bluetooth connected. The right indicator light displays green for normal operation and red for low battery.

Documents / Resources

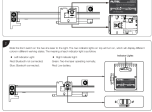


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Part List

Left Two Line Laser	1
Right Two Line Laser	1
Left Mounting Bracket	2
Right Mounting Bracket	2

Assembly for Two Line Laser on the Wall Mount



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CSC050A15, WQ8-CSC050A15, WQ8CSC050A15, CSC050A 15 Two Line Laser, CSC050A 15, Two Line Laser, Laser

References

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- [User Manual](#)

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