

XTOOL | P3 5W Infrared Module

User Manual



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Statement

Thank you for choosing xTool products!

If you use the product for the first time, read carefully all the accompanying materials of the product to improve your experience with it. If you do not use the product according to the instructions and requirements of the Manual, or mis-operate the product due to misunderstanding, etc., the Company shall bear no responsibility for any loss resulting therefrom.

The Company has collated the content of the Manual rigorously and carefully, but errors or omissions may remain.

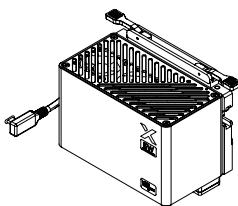
The Company is committed to continuously improving product functions and service quality, and therefore reserves the right to change any product or software described in the Manual and the content of the Manual at any time.

The Manual is intended to help you use the product properly and does not include any description of hardware and software configuration. For product configuration, refer to the related contract (if any) and packing list, or consult your distributor. Images in the Manual are for reference only and the actual product may vary.

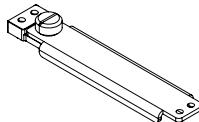
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The Company is committed to continuously improving the product and related materials. The product and the Manual are subject to change, and updates can be found at xtool.com.

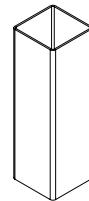
List of items



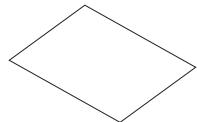
xTool P3 5W Infrared Module



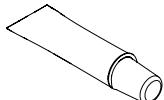
Module fixture



Focus block



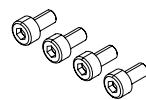
Art scratch paper



Grease



Hex key



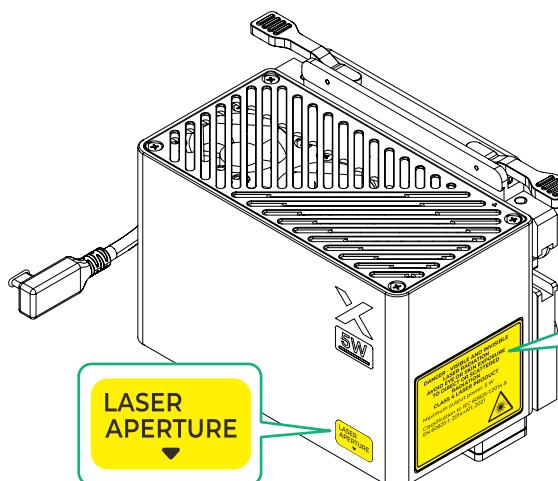
Screw



User Manual

Meet xTool P3 5W Infrared Module

Warning and instruction signs



DANGER - VISIBLE AND INVISIBLE LASER RADIATION AVOID EYE OR SKIN EXPOSURE TO DIRECT OR SCATTERED RADIATION CLASS 4 LASER PRODUCT

Maximum output power: 5 W

Classification to IEC 60825-1:2014 & EN 60825-1: 2014+A11: 2021



Laser specifications

	Laser type	Beam divergence	Maximum output power
Working laser	Infrared light	1.5 mrad (IEC 60825-1 Default (simplified) evaluation C6=1)	5 W
Indicator laser	Red light	/	0.39 mW

Working temperature

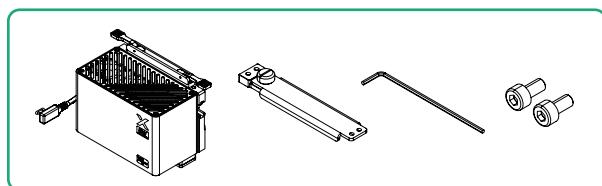
The infrared module works properly at the temperature of 0°C to 35°C.

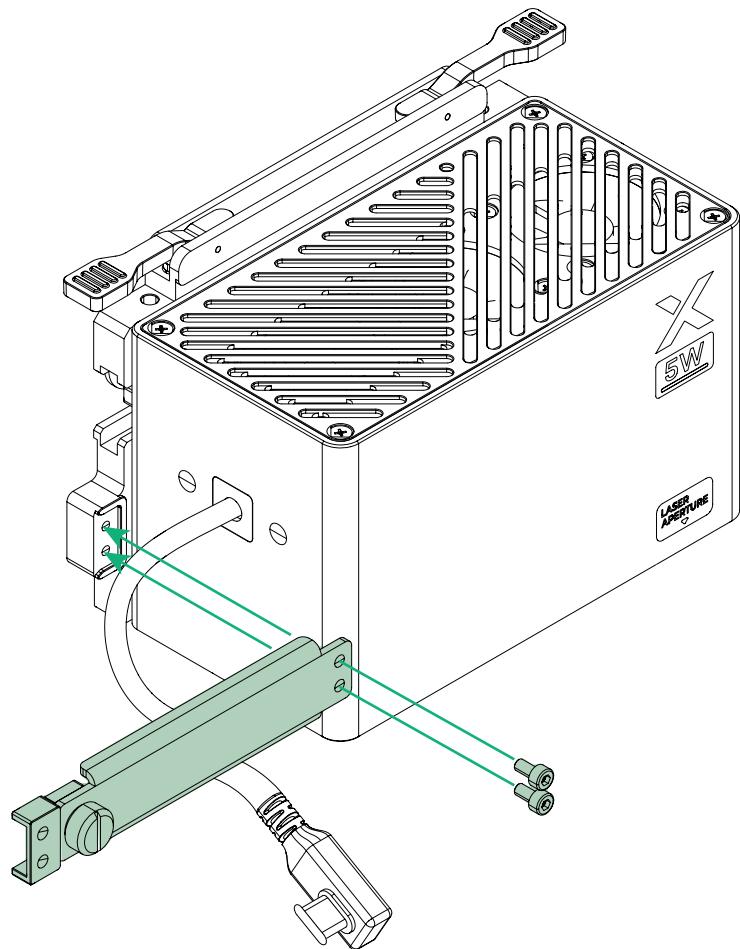
Install xTool P3 5W Infrared Module



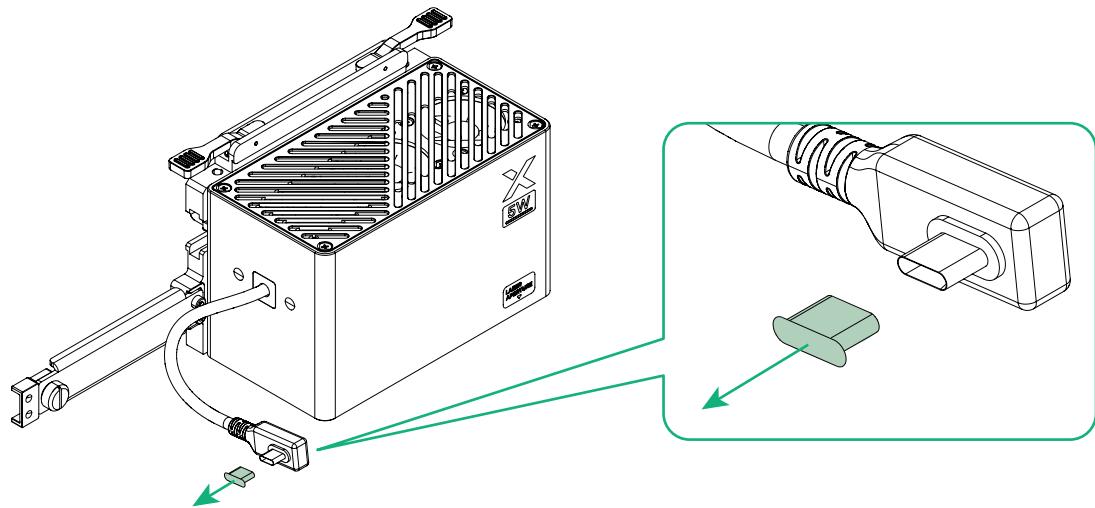
- Ensure that xTool P3 is powered off.
- If any module is connected to the laser module in xTool P3, remove it before installing the infrared module.
- Use the infrared module only with xTool P3. Before use, read and follow **Safety Instructions** and **Quick Start Guide** of xTool P3.

1 Assemble xTool P3 5W Infrared Module.

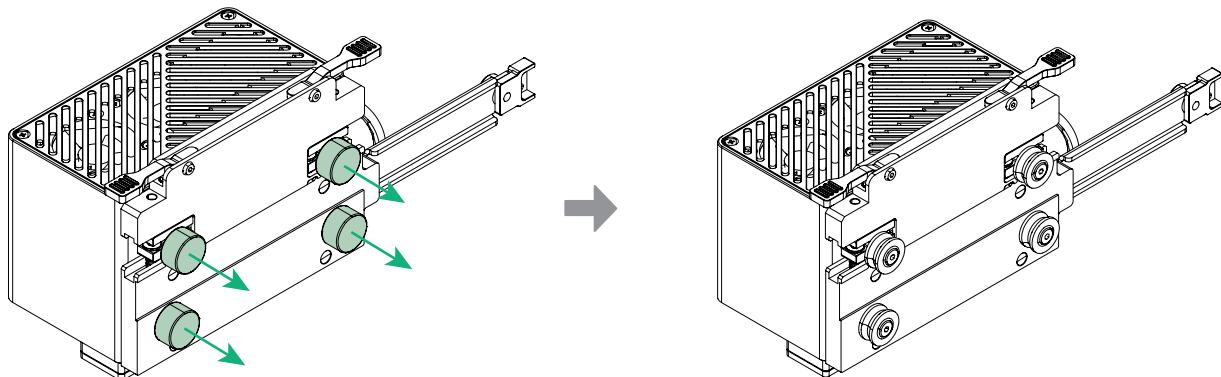




2 Remove the connector protective cover.



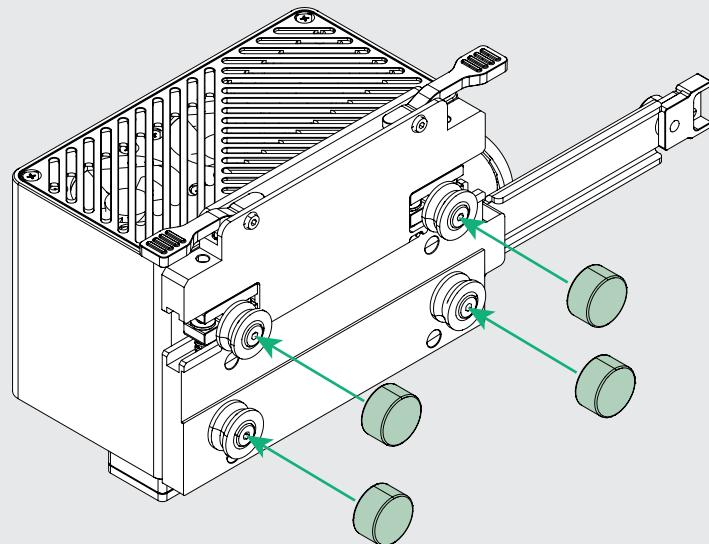
3 Remove the roller protective covers.





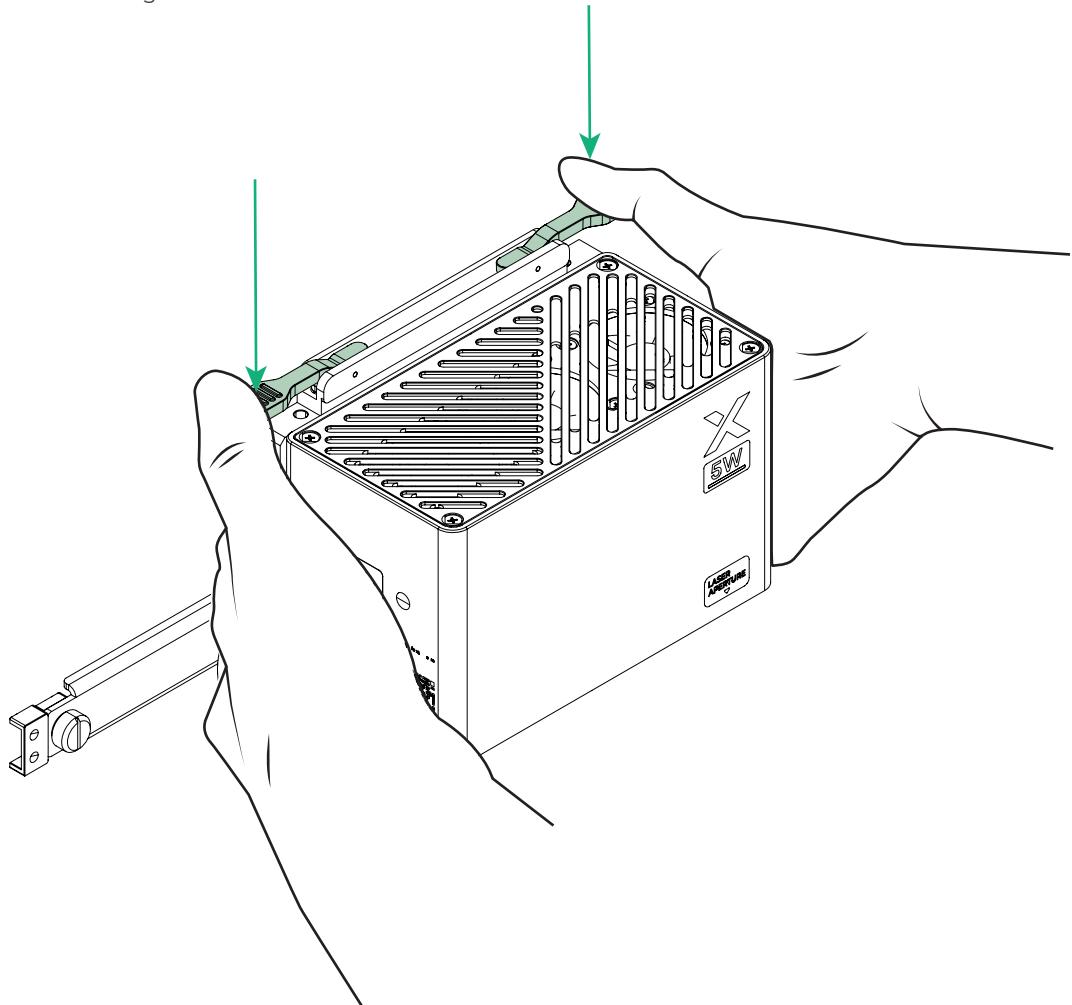
Please keep the roller protective covers properly.

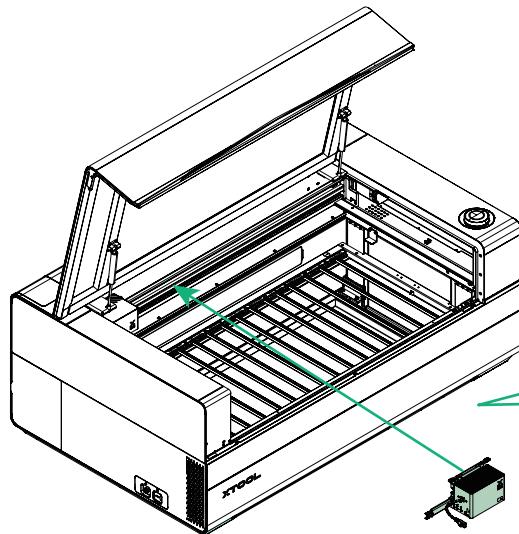
When not in use, please detach the infrared module from the main unit and attach the protective covers to the rollers.



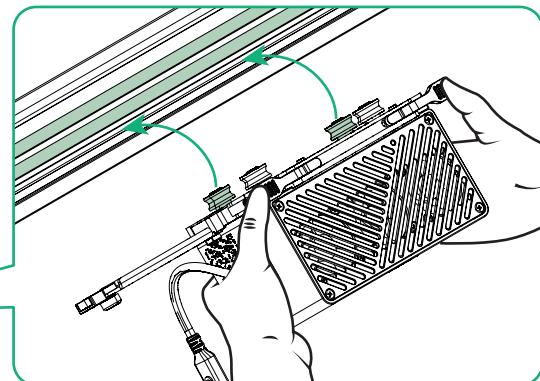
4 Mount the infrared module onto the guide rail.

(1) Press down the locking bars on both sides as illustrated.

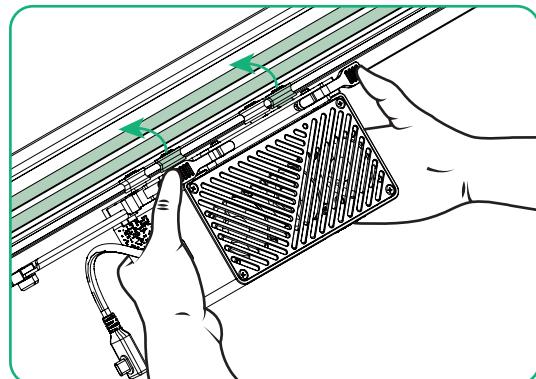




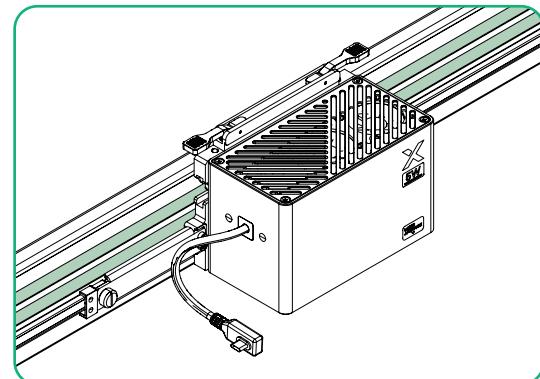
(2) Snap the lower rollers under the belt.



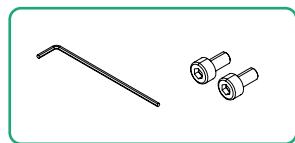
(3) Snap the upper rollers above the belt.



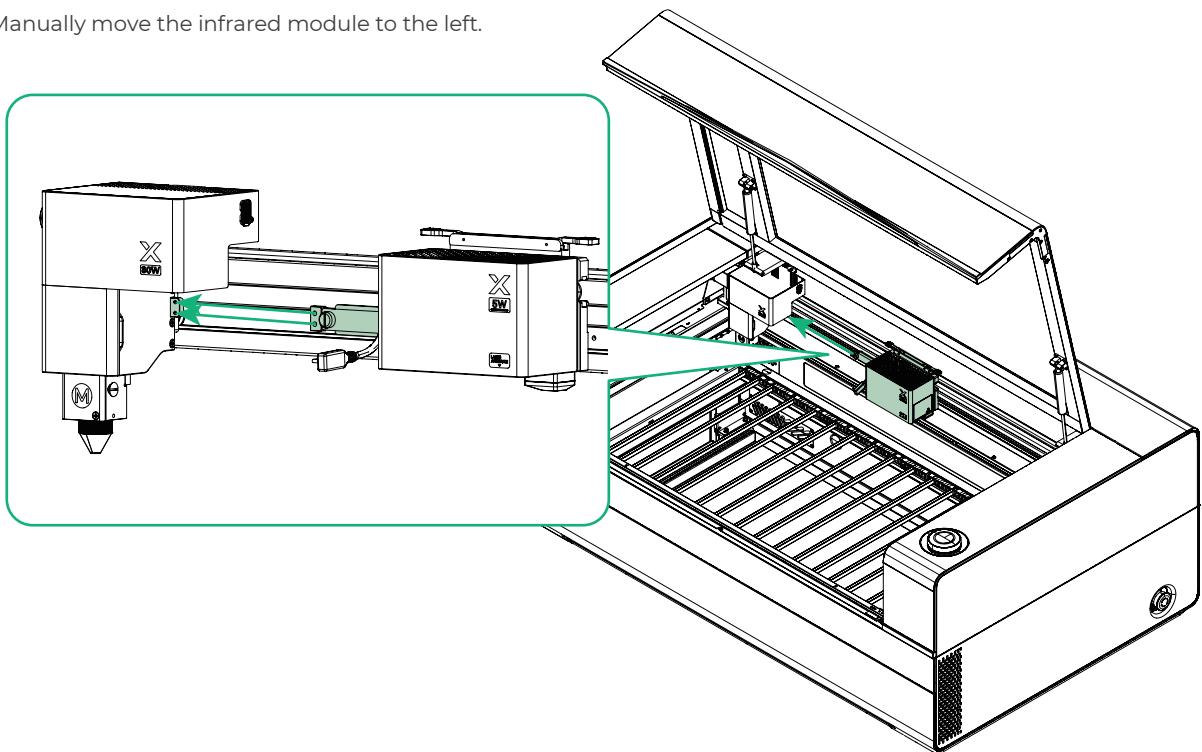
(4) Ensure that the infrared module is well installed. Then, release the locking bars on both sides.



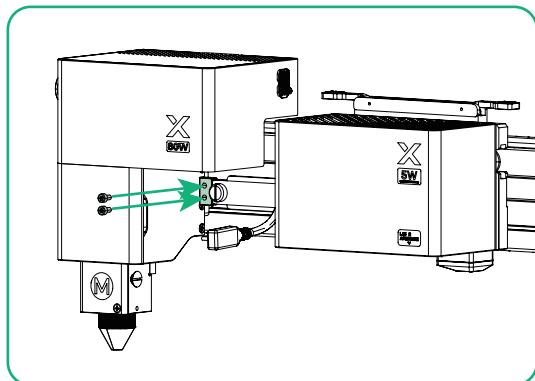
5 Connect the infrared module with the pre-installed laser module.



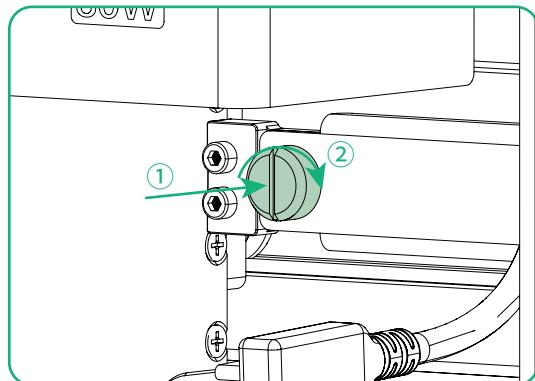
(1) Manually move the infrared module to the left.



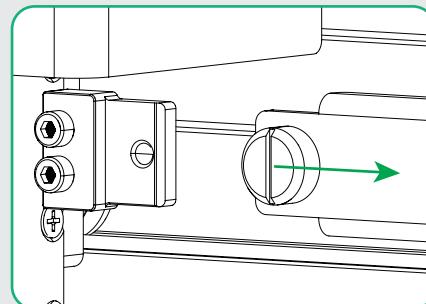
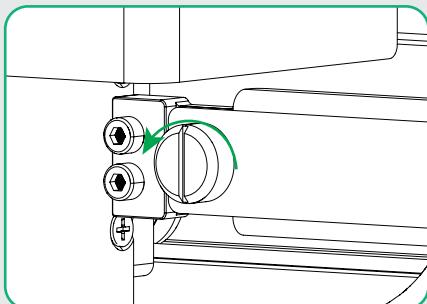
(2) Use two screws to connect the infrared module with the pre-installed laser module.



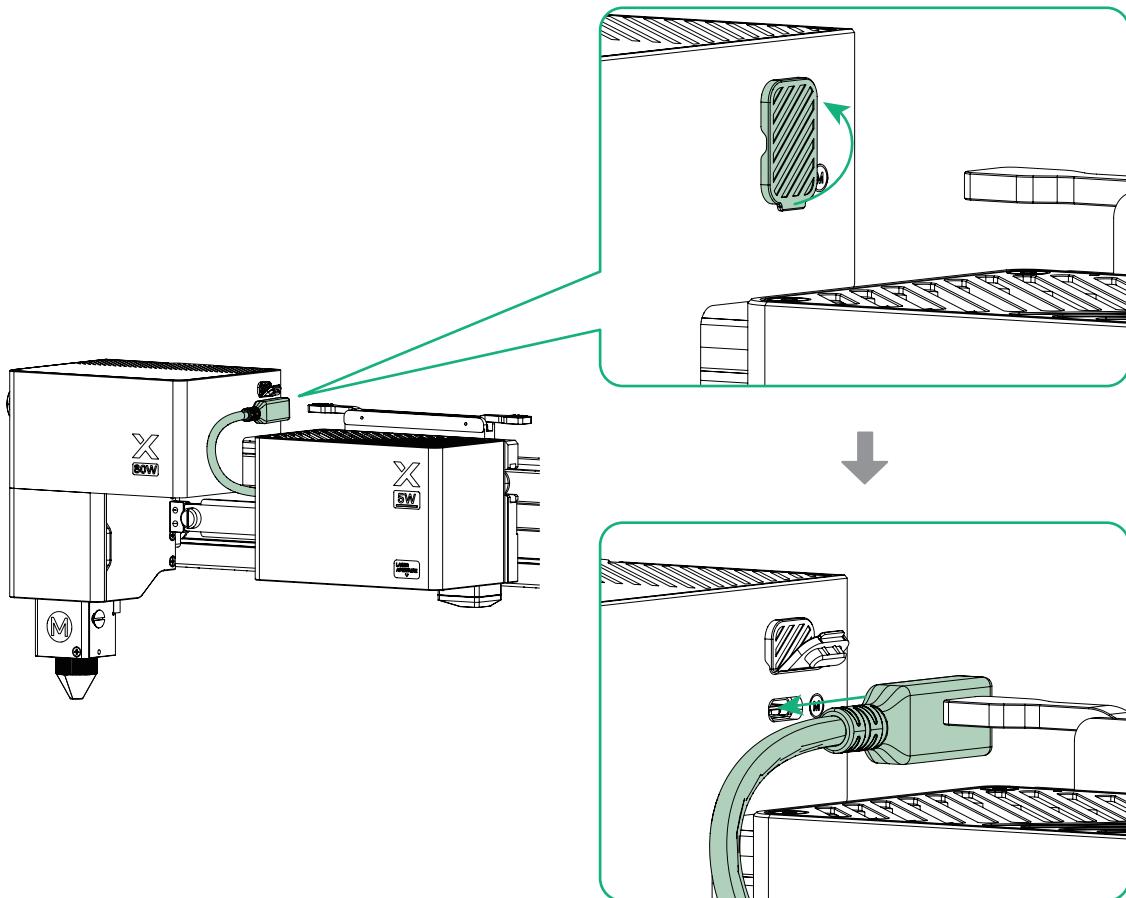
(3) Press the knob and tighten it clockwise.



To remove the infrared module, turn the knob on the infrared module counterclockwise.



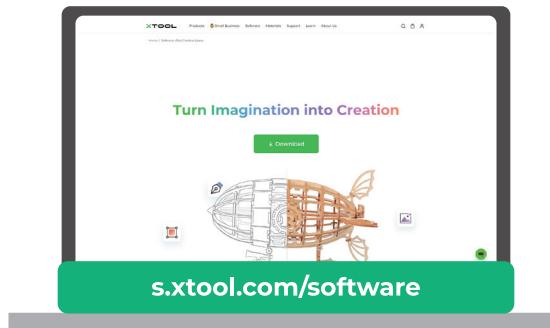
6 Unplug the dust plug from the laser module and insert the infrared module's connector to the port.



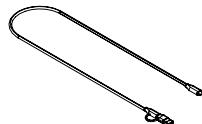
Use xTool P3 5W Infrared Module

1 Get the xTool software.

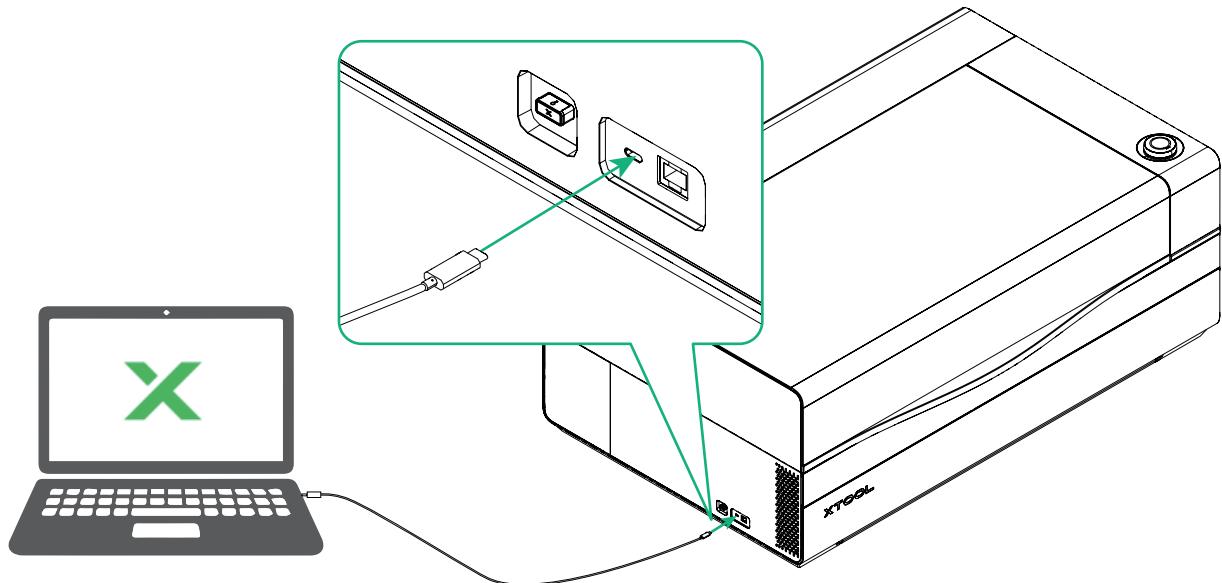
Go to s.xtool.com/software to get the xTool software.



2 Ensure that xTool P3 has connected to your computer.



USB cable (included in the package of xTool P3)



3 Use with the xTool software.



support.xtool.com/article/2745

FAQ

The infrared module does not produce laser beams during material processing. What can I do?

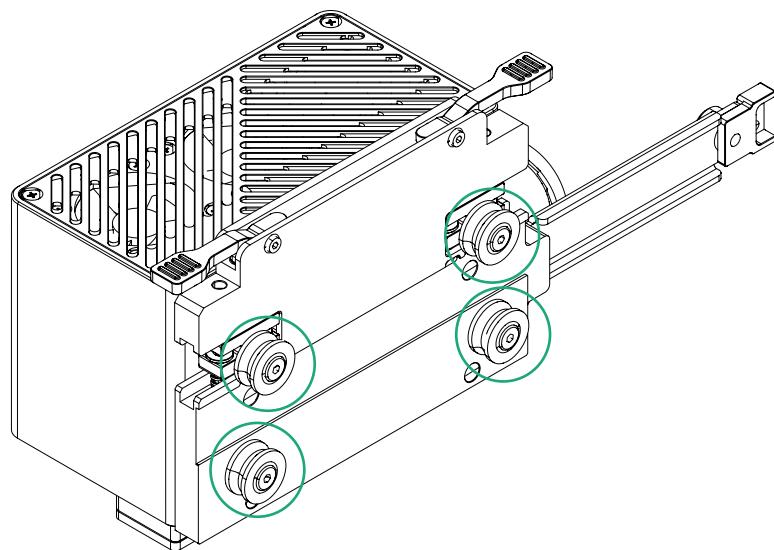
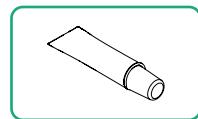
Possible cause: The temperature of the infrared module is too high, which triggers the overheat protection.

Solution: Pause the current task. Wait until the infrared module cools down, and then continue the task.

The infrared module does not slide smoothly. What can I do?

Possible cause: The rollers may experience insufficient lubrication after long-term use, resulting in increased sliding resistance.

Solution: Pause the current task and turn off the machine. Then, take out the infrared module and evenly apply the included lubricant to the rollers.





For more information about xTool P3 5W Infrared Module, scan the QR code or visit
support.xtool.com/article/2439.



support.xtool.com/article/2439

After-sales services

For technical support, contact us at support@info.xtool.com.

For more information about after-sales services, visit support.xtool.com.

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