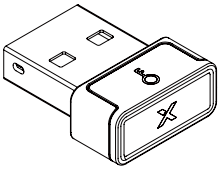
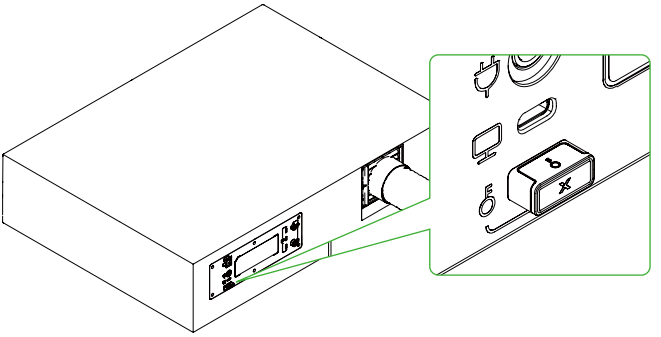
Instructions for the Access-Control Key



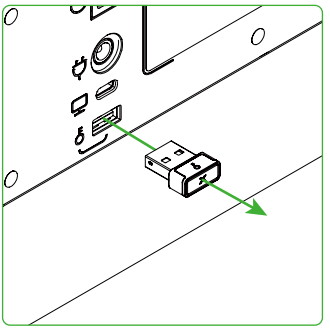
The access-control key is designed to control the access to the processing and related functions of a laser machine. It can function as both an access-control key and a remote interlock connector.

Function 1: Access-control key

Insert the key into the laser machine to unlock the processing and related functions



Remove the key from the laser machine to lock the processing and related functions



The port for inserting the key varies according to machine.

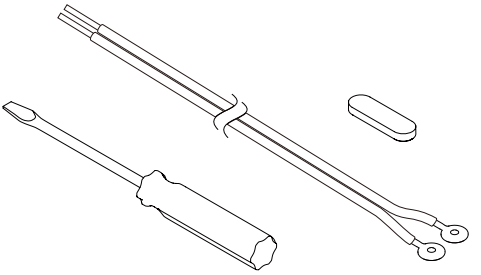
Function 2: Remote interlock connector

Based on the safety evaluation and safety control mechanisms of the LSO, you can set up a safety-con trolled area by using the remote interlock function of the access-control key.

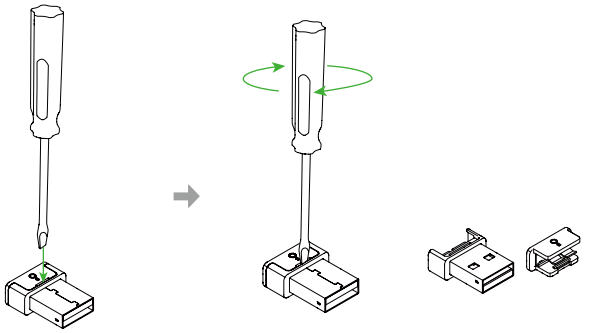
The key includes two metal sheets with holes and a metal reed, which form the circuit within the key. You can remove the rear cover and form a new circuit by using the two metal sheets with holes and two cables with terminals. After forming a new circuit, you can implement the access control by breaking and connecting the circuit.

For example, connect the wire of each cable to the metal sheets on the key, stick the other end of each cable on the door frame, and stick a metal sheet on the door to break and connect the circuit by opening and closing the door. The following describes the steps.

1. Get a flathead screwdriver, two cables, and a metal sheet ready.

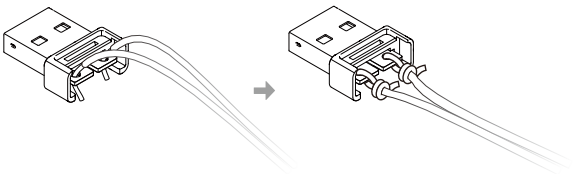


2. Remove the rear cover of the key.

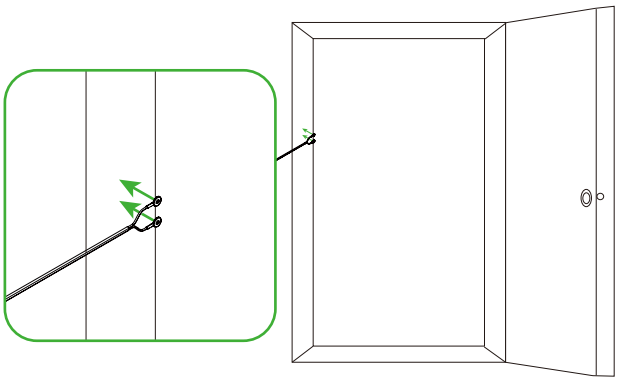


Please keep the removed rear cover properly for subsequent use.

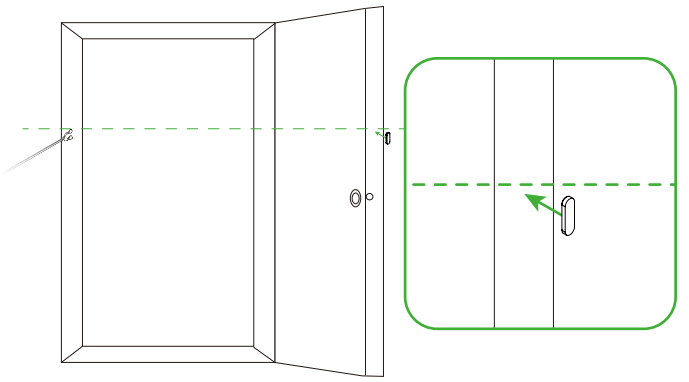
3. Put the wires through the holes of the metal sheets and twist them to tighten them.

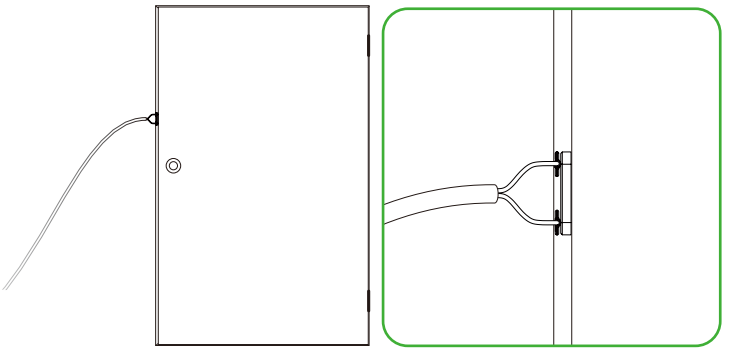


4. Stick the terminals of the cables on the door frame.

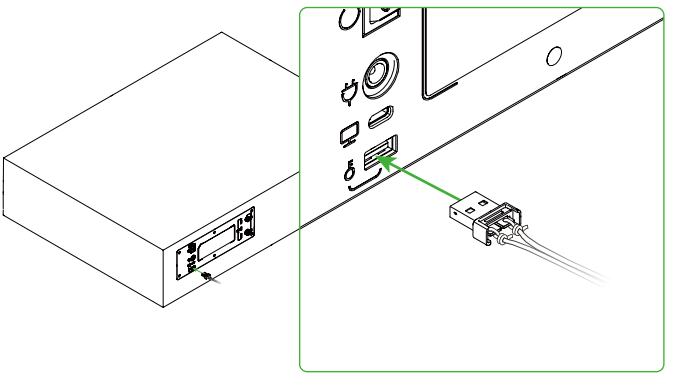


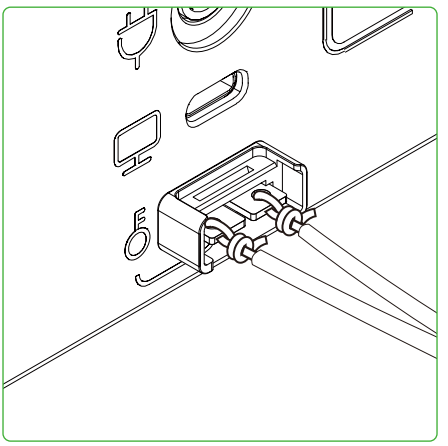
5. Stick the metal sheet on the door at the same height as that of the terminals. Ensure that the metal sheet comes into contact with the two terminals to complete the circuit when the door is closed.





6. Insert the key into the port on the laser machine.





In this way, when you close the door, the circuit is complete and the processing and related functions are unlocked; when you open the door, the circuit is broken and the processing and related functions are locked.