The Laser Focus for BookDrive Mini

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What is the Laser Focus?





The Laser Focus is an add-on accessory for BookDrives. The Laser Focus projects red line onto the V-Shaped cradle for a short period of time to help cameras lock focus properly. The laser line automatically disappears just before the cameras scan the book.

Safety Information

This product contains Class 2M laser.



LASER RADIATION DO NOT STARE INTO BEAM OR VIEW DIRECTLY WITH OPTICAL INSTRUMENTS CLASS 2M LASER PRODUCT

Description

A Class 2M laser is safe because of the blink reflex if not viewed through optical instruments. As with class 1M, this applies to laser beams with a large diameter or large divergence, for which the amount of light passing through the pupil cannot exceed the limits for class 2.



It's safe to operate BookDrive from the front of the machine.



Be careful. Dont't look directly at the laser from the side of the machine where the laser may bounce off into your eyes.



This is when it is OFF.

How to install the Laser Focus?

The Laser Focus Kit comes with the following



1. Laser Focus Unit for BookDrive Mini

2. Auto capture Switch

1. Take the old plate off.



2. Connect the new plate for Auto Capture Swich with the BookDrive Mini.





3. Connect to Auto Capture Switch to the $\operatorname{BookDrive}$ Mini as shown.



4. Loosen the Khobs of the LED lighting set.



5. Lock the Laser Focus with the knobs on the LED lighting set.



7. The camera should be set as AF (Auto Focus) to benefit from the laser.



- 8. On the back of the Auto Capture Switch box,
 - Plug the USB cable to the USB port.
 - Plug the Laser Focus power cord to the DC jack.





9. The Laser Focus is now completely installed.

What's new in the new Auto Capture Switch?



The Laser Focus gets power from the Auto Capture Switch box through DC jack. The Auto Capture Switch box, in turn, gets the power from the PC through USB cable.

The Laser Focus only relies on the Auto Capture Switch box as a power source, but it works independently of each other.

You can use both functions (Auto Capture and Laser Focus) at the same time or you can use either function one at a time. Up to your preference.

How to use the Laser Focus?

1. Turn on the Laser Focus.



2. When using it for the first time, in BookDrive Capture software menu, select Laser Focus/ Laser line permanently appears (for adjusting)



3. Note that the laser line should appear on the center of the V-shaped glass.



If not, slightly adjust the position of the Laser Focus unit itself.
For fine adjustment, turn the dial as shown.





5. When the position is properly calibrated, this is how it should look.

How to set the Auto Focus point in the camera to work with the Laser Focus?

To use the Laser Focus, the camera must be set as AF (Auto Focus). You can set it at the camera lens.

It's important that the camera be set to focus at the point where the laser line will be projected to.

Here are the steps:

1. First, temporarily set in BookDrive Capture software so that the Laser line permanently appears while we're adjusting (and then we will turn it to auto appear after finish adjusting).



2. For the camera, set at the camera lens as AF (AutoFocus).

Then press the AF point selection button and configure so that the AF point is at center point as shown here. You should do all this before you mount the camera to the BookDrive platform.





3. Turn on camera's Live View function. Then mount the camera on the platform. You will see that the center AF point is tiny. It's important you position the camera so that the laser line falls within the center AF point (that tiny little black square). You will never have a failed focus again if the laser line falls within the center AF point.



*If focus point does not show in Live View, please see camera instruction manual



4. Now that the laser line is properly adjusted, change the setting in the BookDrive Capture software to Laser line auto appears during scan.



5. The Laser focus will project the red laser line itself and the red laser line will disappear every time you scan a page.





6. When you've finished scanning or want to completely disable the Laser Focus functionality, simply turn the switch off.



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