

Remote lighting

by The Backscatter Team

One of the standout features of the Hybrid Flash and Mini Flash 2 is Remote Mode. Unlike a simple slave mode, Remote Mode allows for remote triggering and adjustment of power levels on an off-camera Hybrid Flash or Mini Flash 2.

Remote Mode can be used interchangeably between the Hybrid Flash and Mini Flash 2 and can be used for both wide angle and macro applications. This is particularly effective when combined with accessories like Optical Snoot OS-1 for the Mini Flash 2, the Remote Lighting Muck Stick, and Backscatter Color Filter System.

Setting Up the Remote Flash

To set up a Mini Flash 2 or Hybrid Flash in Remote Mode, start by installing the Light Pipe. Both the Hybrid Flash and Mini Flash 2 come with a Light Pipe, but the Hybrid Flash Light Pipe and Mini Flash 2 Light Pipe are specific to each model and are not interchangeable.

To install the Light Pipes, first, stretch the rubber lanyard over the 1-inch ball mount. The lanyard is designed for use with the ball mount only and is not compatible with the YS mount. For the Hybrid Flash, press the Light Pipes into the optical receiver.

For the Mini Flash 2, press and then thread the Light Pipes into place.

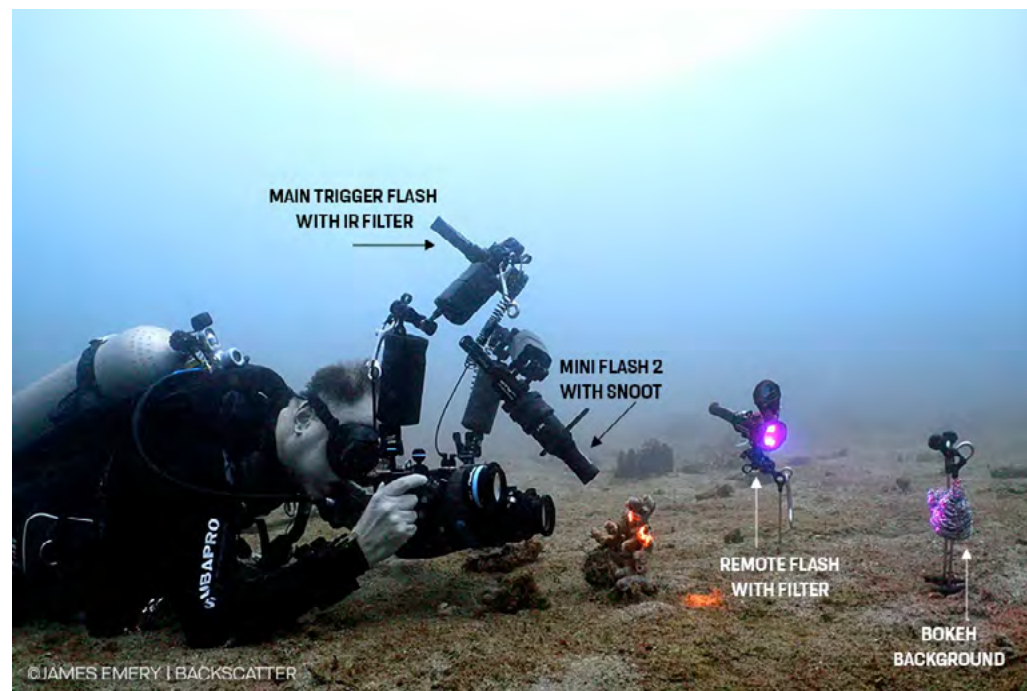
Next, set the dial on the Remote Flash to the Remote or REM setting. This prepares the flash to wirelessly receive power level adjustments from the Main Flash. Next, place the Remote Flash off-camera using a Remote Lighting Muck Stick, tripod, or hand it to a buddy or model. Importantly, position the tip of the Light Pipes perpendicular to the Main Flash. Then, ensure that the Light Pipes is not pointed away or poorly angled, as this could hinder the Remote Flash's ability to pick up signals.

Setting Up the Main Flash

For the Main Flash setup, attach it to the camera system as usual for standard shooting. A fiber optic cable is required to trigger the Main Flash. Set the dial to Manual or "M" mode to enable power level transmission to the Remote Flash.

Backlighting and color filters have never been easier by controlling the power of the remote strobe with a simple push of a button on the main strobe.

Sony a7S III | Sony 90mm Lens | 1/250 | ISO 200 | f18





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Remote lighting facilitates easy snoot placement and backlighting. Wireless transmission of power levels to the Remote Flash prevents disturbing the subject or stirring up sand and silt.

Olympus E-M10 IV | Olympus 60mm Lens | 1/250 | ISO 200 | f22

The high power of the Hybrid Flash allows for up angled shots including sunballs.

This would be impossible to accomplish with off camera video lights.

Canon EOS R3 | Canon 8-15mm Lens | 1/160 | ISO 200 | f16



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This image was shot with three Mini Flash 2s. One remotely placed off camera with a purple filter for backlighting, one with a snoot to light the front of the subject, and the third triggering flash using the Backscatter IR Filter to fire and remotely update power levels to the remote backlighting flash.

Sony a7S III | Sony 90mm Lens | 1/250 | ISO 200 | f22



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In this shot, the model was able to stay in the same position while the photographer remotely adjusted the flash power for the background.

Remotely Triggering and Changing Powers

Before changing power levels or triggering the Remote Flash, ensure that the Main Flash is aimed at the Light Pipes of the Remote Flash and that they are within line of sight. Use the Main Flash to select the desired power level on its red dial. Then, press and hold the Test Button on the Hybrid Flash or the Focus Light Button on the Mini Flash 2. This will transmit a series of signals to the Remote Flash. The Remote will fire immediately in response, and about a second later, a confirmation flash will indicate

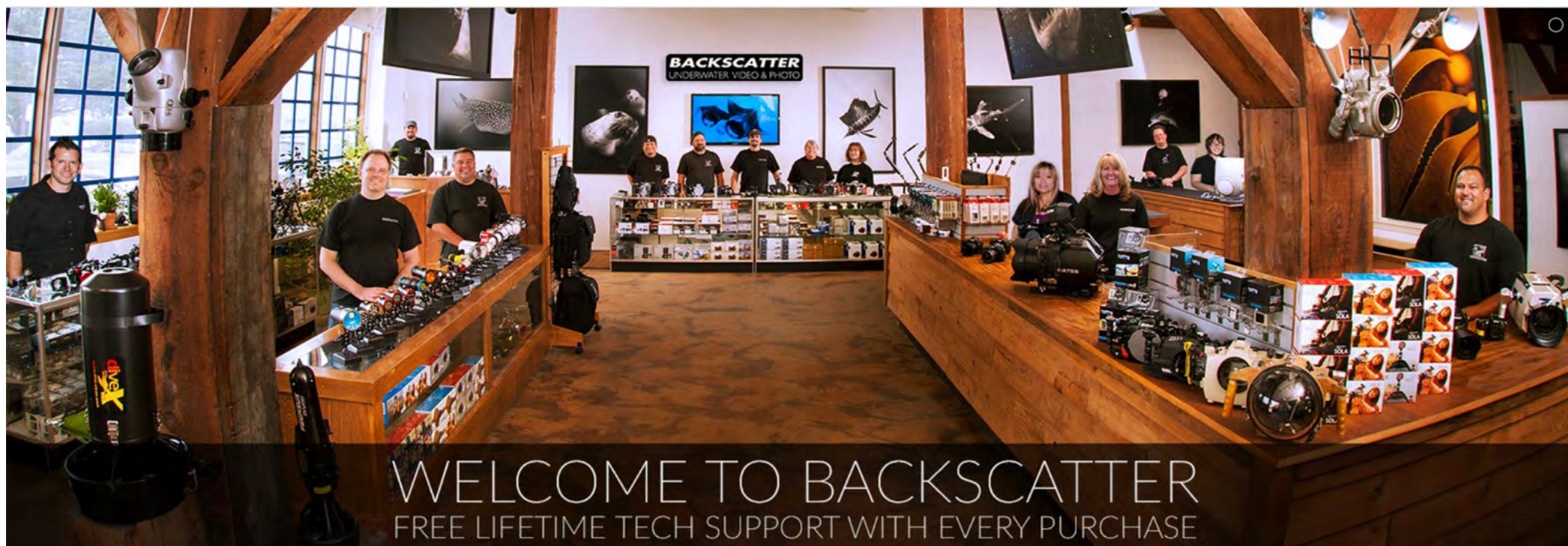
that the power level has been set.

The Remote Flash will maintain the selected power level until a new signal is received from the Main Flash.

With the Remote Mode set and the Light Pipes aimed properly, the photographer can focus on nailing the shot and spend less time aiming or changing the power levels of the flash by hand.

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