

Procedure to Setup & Troubleshoot Fuji 680III

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Begin with Completely Disassembled, Powered Off System

Lens removed from body
Digital back removed from V-Plate and Body
Camera body off
Battery for digital back removed
AA Battery holder for camera body turned off and empty
CR123A Batteries for camera body bottom removed
9V battery for OneShot box removed
V plate adapter removed

Inspect the Following Electrical Contacts

Lens to body contacts
digital back to body
AA battery holder to body
AA batteries to AA battery holder
CR123A batteries to body bottom
9V battery to OneShot box
multiport on digital back
lens sync port (on camera body)

Assemble System

Attach lens to camera body.
Insert AA batteries into AA battery holder. Roll them after they are in place to ensure they are seated properly.
Attach AA battery holder to body and turn the battery holder on.
Turn the camera body on to the multi position. The LCD on the camera body top should now display a full battery icon (it may also flash an exclamation point; that is okay). You should be able to fire the camera body using the shutter release on the body.
Turn the camera body off and turn off the battery holder.
Insert 123A batteries and roll them after they are in place to ensure they are seated properly.
Attach the V-plate onto the camera body.
Attach the digital back to the V-plate (battery should not be in digital back).
Insert the 9V battery into the OneShot box
Attach the multishot box to the camera body RC port, the lens sync on the camera body, and the multiport on the digital back.
Turn the AA battery holder to on and the camera body to multishot
Insert the digital back battery. If the back does not turn on automatically, then turn it on.
Reset all the settings on the digital back via "Menu > Configuration > Restore Def. > Rest. Defaults"
Check that the Green light on the OneShot box is illuminated.
Either insert a CF card or firewire cable. Only use 15' firewire cables, and only into the REAR port of a macpro.
Set the shutter speed on the body, then match that shutter speed on the OneShot box.
Fire the system from the OneShot box.

Common problems and their solutions

Mismatched shutter speeds. The shutter speed on the OneShot box and the camera body must be the same.

Drained batteries or batteries that are not seated. There are three CR123A batteries in the bottom of the body, 6 AA batteries in the battery holder attached to the side of the camera body, a battery on the side of the digital back, and a 9V battery in the OneShot box.

Lens with electronic issues (try another lens)

Software error without restart. An error occurred in the software, and the user restarted the software but not the digital back

Other Troubleshooting steps

If Capture One ever displays an error message turn off the digital back, restart the software, and turn on the digital back. If the digital back displays an error, you should only need to turn the back off and back on.

Try changing the power source setting on the digital back: "Menu > Configuration > Power Source" to "battery" to use the power from the battery rather than the power from the firewire cord.

If there are problems tethering the back to the computer, delete the cache folder from your hard drive while the back is disconnected and capture one is closed: "[Your User Folder] > Library > Caches > Phase One" .

If the body fires, but the back produces an error try changing the latency setting. "Menu > Capture Setup > Shutter" to "Long Latency". Remember to return this setting to "Short Latency" when not actively troubleshooting.

An alternative way to fire the system: with OneShot box connected to digital back multiport and lens sync (but not to R.C. connector on body) fire from the camera body once to wake up the back. The back will wake up at the END of this first exposure. Then the green light on the back will start blinking and you will have 5 seconds to trigger the true exposure.