

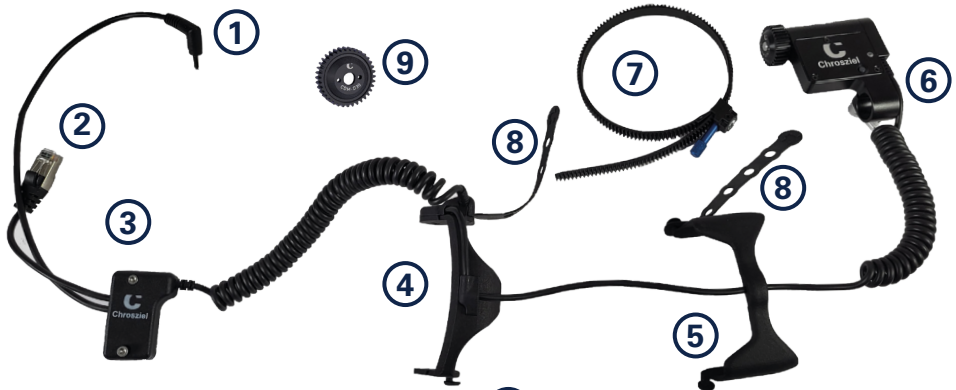
Installation Quick Guide

Chrosziel Universal Zoom Servo Drive for Sony ILME-FR7

Important note: For detailed information and safety instructions refer to product user manual!



Unpack motor drive and check for completeness and damages.

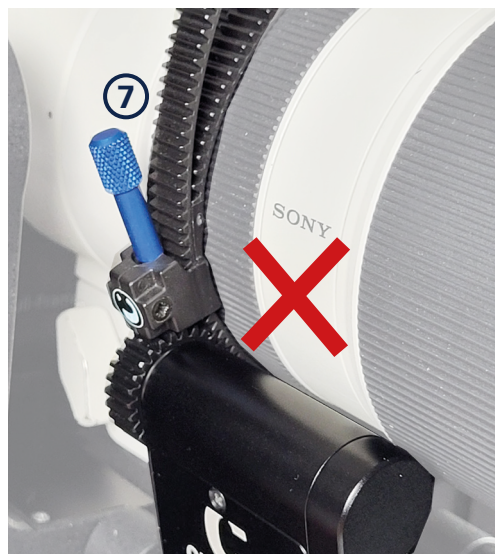


- ① DC power plug to camera
- ② RJ45 plug to "option socket" of camera.
- ③ Distribution box DC power and control data
- ④ Lower cable clamp
- ⑤ Upper cable clamp
- ⑥ Zoom servo with 15mm rod support bracket and 24mm gear
- ⑦ Chrosziel Flexigearing to be attached to lenses zoom ring.
- ⑧ Rubber straps holding the clamps in position.
- ⑨ Additional snap-on-gear Ø 30

Mounting Flexigearing and Motor



- Power camera down.
- Mount lens onto camera head and make sure, to tighten EVERY lever for vertical lens support.
- Mount Chrosziel Flexigearing (7) to zoom ring of lens and make sure that ring does not slip.
- Mount Flexigearing in a way that fixing screw mechanism stays away from the area, the motor drive shall be mounted too.
- Cut off remaining tail of gear, if necessary.

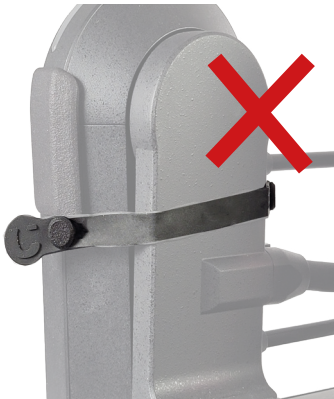


- Slide on the motor drive (6) on the 15mm support rods, align to the Flexigearing and tighten lever of the motor bracket. Don't push motor too hard against the gear, while tighten its lever!
- Turn the zoom ring with the motor engaged on the lens to both end stops and check if it works flawlessly.

Mounting clamps and cable



- Firstly attach upper(5), then lower(4) cable clamp to the cameras pan axis as shown in drawing left.
- Wrist rubber straps around the vertical part of the pan axis.
- Rotate camera upwards to gain better access to the pan axis parts.



DO NOT WRIST THE STRAPS OVER PARTS OF THE TILT AXIS!



- Unlock locking mechanism (L) of camera and slide camera backwards / forwards to balance the entire head.
- Tighten all levers of the camera slide and lens support mechanism.

Connecting to the Sony ILME-FR7



- Screw-on the distribution box (3) of the servos cable to the camera base housing as shown.
- Plug the power cable (1) of the distribution box into the FR7 camera head (on the left side)
- Connect the RJ45 (2) connector to the Option Port of the FR7.
- Plug the power cable (F) of the original FR7-power supply in the distribution box!
- Camera head AND servo drive will start initialization routine automatically after about 30 seconds.

Connecting to a Remote Panel



- Make desired network connections for remote panel and WEB interface via PC/Laptop/MAC
- On WEB GUI of the FR7 activate the external lens controller through menu "technical/lens controller..."
- For manual Zoom Rocker operation select the desired operating mode (0.. 5) on same setup page.

Motor Guide

- (9) Snap-on gear, module is 0.8, available diameters 24, 30 & 40 mm.
- (S) Status LED,
slow flashing: motor not initialized
fast flashing: motor initializing
stable green: ready to work
- (B) Local button for manual trigger of motor initialization. Press to start the calibration process. The motor will drive to both end stops.



For further information and more technical details refer to User Manual, get in contact with your local supplier or Chrosziel Germany directly:

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