

# Focus-Iris Manual



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## 1.0 Description

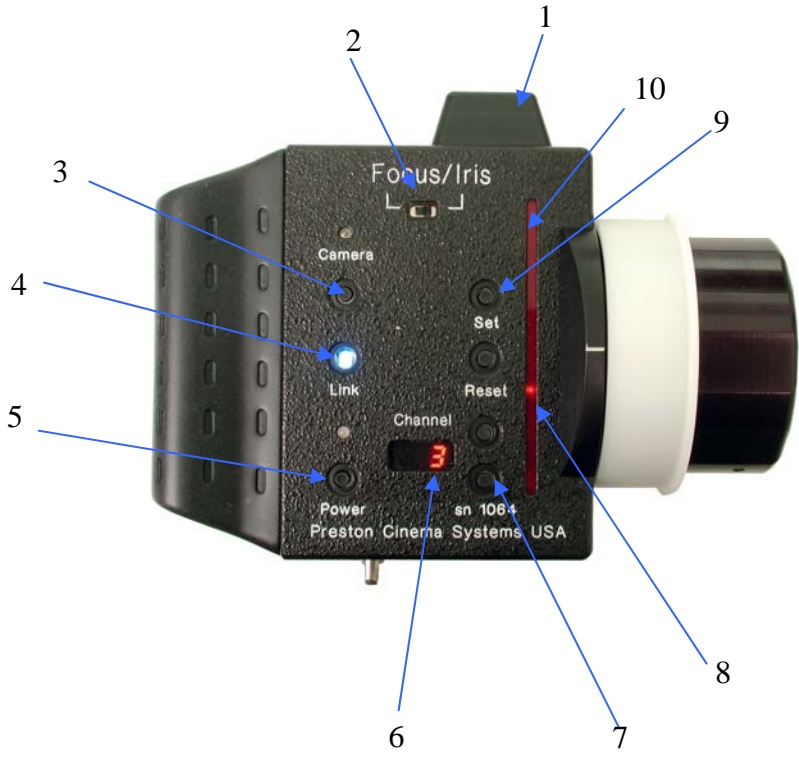
The Focus-Iris unit is a single channel wireless control. It can be used to control either the focus or iris channel of an MDR2, wireless V+F Lens Control, or Radio Dimmer. The switch located near the top of the control selects between the focus and iris function.

An FM50 type Li-Ion Battery (11) powers both the Radio module. To remove the battery, slide the Battery Release (12) towards the rear of the module while pushing the battery downwards.

The omni-directional antenna element (1) is housed within a rugged cover that protects it against impact. The tri-color LED (4) indicates the strength of the received signals:

- Blue – Maximum
- Green – Strong
- Red – Minimum
- (off) – Signal Strength too low.  
Move closer to MDR2 for reliable operation.

There are 30 wireless channels available numbered from 0 – 29. These correspond to the channels on the MDR2, V+F Lens Control and Radio Dimmer. The channel is raised or lowered by pressing the pair of buttons (7) to the right of the channel indicator (6).



- 1. Antenna
- 2. Focus/Iris mode switch
- 3. Camera R/S
- 4. Link LED shows signal strength
- 5. Power Switch
- 6. Wireless Channel indicator
- 7. Channel Switches
- 8. Lens position indicator
- 9. Set/Reset limit switches
- 10. Lens position bargraph

**Front View**



- 11. Li-Ion Battery
- 12. Battery Release
- 13. Neck-strap attachment
- 14. Marking Ring
- 15. Control Knob

**Rear View**

## 2.0 Operation

1. Install a charged Li-Ion battery
2. Set up the Motor Driver or Radio Dimmer. Apply power. Note the channel setting. If the device being controlled is a Video Lens Control or Radio Dimmer, set the mode to either Focus or Iris, so that it can be controlled by the Focus-Iris unit.
3. Press the POWER button (5) momentarily. The power LED just above the switch will light.
4. Use the push-button switches (7) to match the channel as shown in the display (6) to the channel of the receiving unit.
5. Select the desired mode – focus or iris:
  - If an MDR2 is being controlled, the Mode switch determines which motor ( focus or iris) will respond to the control knob.
  - If a Video Lens control is being used, the Mode setting of both units must match (focus or iris).
6. When the Focus-Iris unit establishes communication with the Motor Driver or Dimmer, the LINK LED (4) will glow. The color will indicate the signal strength as described in the previous section.
7. The Control Knob (15) will now control either the motor or LED light.
8. The Camera Run LED located above the R/S Switch (3) indicates the camera status.
9. To set Lens Limits:
  - a. Use the Control Knob to move the lens to one end of the desired range.
  - b. While pressing the SET BUTTON (9), turn the Control Knob until the lens reaches the other end of the desired range.
  - c. Release the SET BUTTON.
  - d. The end limits of lens rotation are indicated by the solid glowing bars. The moving bar shows the current lens position.
  - e. The limits can be removed by pressing the RESET button momentarily.

## 3.0 Specifications:

Size: 100mm x 77mm x 28mm (4" x 3" x 1.2" )

Weight: 340g (12 oz)

Typical operating time: 6 hours

Battery Type: 7.4V 1.5AH (FM50 enhanced type)

Charger: Sony BC-VM50 with US standard line plug.

Charger Operating voltage 100 – 240 VAC.

Charge Time: 4.5 hours