

V+F Lens Control



p/n 4050 wireless or cable



p/n 4051 cable only

The V+F Lens control is available as a single channel wireless/cable control (*p/n 4050*) or a cable only version (*p/n 4051*). Both are used with DM-1 or DM-2 digital motors. When used with video cameras and cinema style lenses, it allows control of the iris either through the camera or through a choice of hard wire or wireless controls. Wireless channels are indicated on the digital display (*p/n 4050*). A three position switch adjusts the motor torque level, and a second switch determines the direction of motor rotation.

A simple calibration procedure sets up the iris of Cinema Style lenses to work with video cameras. Pressing the "Cal" button prompts the operator to match the lens iris openings at f2.8 and f16 to the camera. After calibration, the lens iris can be controlled in the following ways:

- Through the Video Camera:
 - Using the camera remote control (Sony RMB150 or equivalent)
 - Via the cameras' internal Auto Exposure circuitry
- Manually:
 - Remote Iris Box (cable link)
 - Through the FI+Z wireless link.
 - The "Local" adjustment knob.

The FI+Z Hand Unit 3 (*p/n 4060*) is used for wireless operation with the wireless V+F Lens Control version *4050*. The mode switch selects whether the unit responds to Focus, Iris, or Zoom commands. Camera Run/VTR signals are available for controlling all film and video cameras.

The Remote Iris Box (*p/n 4020*) may also be used in conjunction with the V+F Control for remote operation via a cable connection.

The unit operates over a voltage range of 11 – 30 VDC. For video cameras, all power and control signals are provided through the 12-pin Hirose on the camera. Film cameras having accessory receptacles capable of 1.5A @ 24V (Arri 435, Panavision) can also be used to provide both power and camera run functions. Otherwise, separate receptacles are provided for external power and Camera Run/VTR.



Remote Iris Box
p/n 4020



Mounting Bracket for 15 - 19mm rods
p/n 4342

V+F Lens Control Cables

p/n	Description
4620	Camera Cable: Arri 12v (11-pin Fischer)
4621	Camera Cable: Arri 24V (3-pin Fischer)
4622	Camera Cable: Panavision (10-pin Lemo)
4623	Camera Cable: Panavision Genesis
4624	Camera Cable: Aaton
4630	Camera Cable: Hi-Def Sony (12-pin Hirose)
4644	Camera Cable: Red Digital

V+F Lens Control Specifications

V+F Lens Control (both come with mounting bracket)

Wireless Version *p/n 4050*

Cable only *p/n 4051*

Size 107mm x 66mm x 45mm (4.2" x 2.6" x 1.75")

Weight: 350g

Power Requirements: 11 – 30 VDC 0.2A quiescent at 12VDC.