

MO-SYS L 40 Quick Set-up Guide

REMOTE HEADS



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The Mo-Sys L40 was designed to be set-up and operational in minutes. This reference guide is for basic operations. For more detailed instructions and information see the full Mo-Sys L40 Manual.

1. Remove the cable tray from the Console Kit.
2. Underneath the cable tray you will find the operator console attached to the pan and tilt encoders. This console is pre-wired with a Mo-Sys cable from the pan encoder to the console and an encoder cable between the pan and tilt encoders. There is also a Terminator in the pan encoder, this is necessary for operation of the L40.
3. Remove the operators console and attach it to a standard mitchell mount with the moy nut supplied.
4. Remove the L40 remote head from the box and attach it over or under slung with the supplied moy nut. A tightening tool is supplied in the cable tray in the console kit.
5. There is a power supply in the L40 head case. Remove this and open it, you will find an AC cable and 3 pin XLR cable. (alternatively the head can be powered by a 24V battery, polarity is not an issue)
6. Plug in the power supply to available AC and the XLR from the power supply to the rear on the console. (either XLR input will work, two are supplied for "hot swapping" batteries without power-ing down)
7. In the cable tray there are 2 - 25m Mo-Sys cables. You can use one of these if the length is appropriate or attach them with the cable coupler located in the L40 head case. Plug one end into the back of the console with the red "key" dot at the top. Run the other end through the hole in the pan motor assembly on the head and plug into the corresponding connector in the pan motor next to the Terminator.
8. Attach your sliding base plate to the camera plate with the supplied hardware. Please return the hardware to the camera plate when finished with the system.
9. Adjust the head size by loosening the kip handles on the pan and tilt arms as required for balance and to enable full camera rotation.
10. Press the on/off switch on the back of the console to ON, it will turn green if power is present.
11. Press the ENABLE button on the top of the operators console. Pan and tilt will be enabled, adjust speed, direction and smoothening as required.

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1. Press to turn on head (after on/off switch on back of the console is on), LED turns green when enabled
2. Locks pan and tilt, LED turns red
3. Turns *Back Pan* on, LED turns red. Adjust sensitivity down if head is vibrating. *disregard *Drift Cal* and *Scaling*
4. Adjusts pan and tilt speed
5. Smooths out operation and stops with varying levels of drift
6. Changes direction of axis for over/under slung operation
7. Adjusts degree of feathering to programmed stops set in *Soft Stops* #8
8. Set stops by holding down corresponding axis, rotate encoder wheel in desired range and release button, LED turns red when set. Hold down until LED stops blinking to clear stop



9. Power input, 24v polarity protected
10. On/Off switch, turns green when powered
11. Mo-Sys cable, sides interchangeable. One cable from encoder to console and console to head.

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Moy/Castle
Nut

Power Supply w/
AC Cable and XLR

MoSys L40 Remote Head w/
Terminator and DC-DC Power Supply



Panasonic 910 w/Zacuto
Quick Release Adaptor

Cable Coupler

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