

MO-SYS

THE INTELLIGENT MOTION NETWORK

Make the move into the digital age.
Without losing control.



MO-SYS

It is now possible to easily create that you can link with 3D animation computers, cumbersome hardware and an army of operators.

repeatable camera moves without resorting to costly

Applications

- Remote Head control
- Motion Control
- Motion Sensing
- Post production interfacing

Easy to use

- 15 minute learning curve
- no specialised operators technically necessary
- intelligent – microprocessors assist your work
- plug and play
- Standard and well known equipment

Features (laptop not required)

- Record / Playback
- Playback some axis while recording others
- Key frame programming
- Variable playback speed, up to 1000 times slower to 4 times faster
- Real time speed ramping
- Soft stops with selectable feathering
- Smoothing
- Gearing
- Animation & Time-lapse

Camera Control

- Arri & Panavision cameras
- Ready for 24P
- Frame accurate also with standard ARRI cameras
- Speed ramping
- Time code or flash frame maker

Future proof

- Flash upgradeable – download newest features
- Ready for 24P
- More and more manufacturers are joining the system
- Extendable (up to 50 axis)

The Mo-Sys Lambda is part of the Mo-Sys motion network.

Each module contains its own processor unit, including memory, resulting in a robust system. No requirement for a fragile, central computer or externally mounted electronics, with all modules connected in a daisy chain manner. Systems can be set-up in minutes with nearly no knowledge of connectivity.

The Mo-Sys connector (Fischer) carries power and digital lines together. The advantage is that the same cable and connector is used for everything, resulting in higher reliability and easy replacement of faulty cables.

Input devices like Hand wheels, Joy stick or Pan bar are interchangeable and hot pluggable.



- Takes only minutes to learn and set-up
- Interfaces to your existing equipment like standard ARRI or Panavision cameras, Preston or Scorpio motors
- You can get a full range of functionality at the touch of a button
- The force sensing Pan Bar provides complete freedom and control
- The adjustable fluid settings of the Mo-Sys Lambda mimic the action of a traditional fluid head

Safety

- Non-volatile memory
- Daisy-chaining, reduced cabling
- Cable carries power and control lines
- Fault detection in each module
- Hot-plugable
- Unmistakable connectivity, same connector everywhere
- Secure CAN-bus as used in aerospace or robotics industry

Robust

- One type of connector for all modules
- 100 meter remote operation (standard)
- No fragile "bolt-on" electronics
- 12-32 Volt operating range
- Works with ARRI or Panavision Batteries
- No laptop required – ideal for out door shoots

Laptop software (optional)

- Import and export with 3D Postproduction software
 - 3D simulation
 - Full graphical move editing
 - Upload and download moves

Lens Control

- Interfaces to Lens motors like Preston or Scorpio
 - 3 Axis per module, stackable
 - Extendable for Snorkel Lens control
 - Can also be used for model movers

The Mo-Sys Lambda Pan bar has an integrated force sensor and feels like using the conventional fluid version. The "fluid settings" (gearing) are simulated in software and are adjustable.

Highest spec components are used. For example the touch screen display originates from the avionics industry and is not comparable with ordinary LCD displays. It is back lit and daylight readable with an viewing angle of up to 160 degrees.



Mo-Sys Motion Network has been developed by Motion Systems Technology Ltd.
Initial developments started in 1992 and were honoured with a British Award for Innovation.

MO-SYS

Mo-Sys is answering to the demand for easy to use, high-end applications for the film and broadcast industry. Mo-Sys postproduction. It's core concept is modularity, expandability because it is manufacturer independent and all components are flash upgradable. More and more manufacturers are joining the Mo-Sys Motion Network technology thus enabling constant development for a growing field of applications.

motion control and motion sensing eases the collaboration between studio and user friendliness. It has an evolving nature,

The Mo-Sys Lambda is distributed via Cartoni, P+S Technik or directly from Motion Systems Technology.

For more information please check the following websites: www.mo-sys.com www.pstechnik.de www.cartoni.com

Other connectable equipment



Mega III
Pan, Tilt & Roll head
By Dynamic Mounts International
www.mega3.co.uk



Lens Control Module
3 axis per module
Stackable
Also usable for Model Movers



DaVinci
Pan & Tilt head
By Movietech
www.movietech.de



Touch Screen Module



T-Rex
Snorkel lens
By P+S Technik
www.pstechnik.de



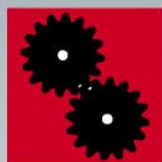
Joy-stick Module



Magnum
Dolly
By Movietech
www.movietech.de



Hand wheel Module



Accessories
Camera Control Module
For ARRI, Panvision, 24P



Jog Box Module

Laptop software

The company supplies equipment, materials and services only in accordance with its Conditions of Business. These conditions include clauses, which exclude, limit or modify the liability of the company and provide for an indemnity from the customer in certain circumstances. Copies of our Conditions of Business are available on request. Design and specifications are subject to change without prior notice.

Motion Systems Technology Ltd • Unit B211 • Faircharm Trading Estate • 8-12 Creekside • London SE8 3DX
Tel + 44 (0) 20 8694 2076 • Fax + 44 (0) 20 8694 7918
webpage www.mo-sys.com • e-mail info@mo-sys.com