Furio RC

A New Perspective on Live

ROSS

Production Technology Experts

Vantage Point.

Deliver Results
Produce better quality images for your shows due to superior smoothness and stability with a system that is also fast and easy to setup and configure.

Optimize Efficiency
Capture all the action with just a single system where you usually require multiple cameras and operators.

Get Creative
Make shots you only dreamed of due to the speed and acceleration of the system, along with remote capabilities to locate your camera in places that were previously be impossible.

Update Your Visual Style
The Furio RC fulfills your needs for a robotic camera system to deliver breathtaking shots that capture the dynamic energy of live performances in fresh and exciting ways. By combining speed and acceleration with unrivaled smoothness and stability, Furio RC opens up new opportunities for creativity previously unattainable with conventional robotic camera systems.

Featuring an advanced dolly system that can reach speeds of up to 3 m/s along precision extruded aluminum rails, Furio RC delivers incredibly smooth “on air” traveling shots, creating the most dynamic, yet perfectly fluid images possible for your shows.

With 6 highly responsive, remotely controlled axes, you only need one camera person for maneuvering Furio RC around the stage, capturing unique camera angles that would normally only be possible with multiple camera systems and operators.

The intuitive remote controls offer you the freedom to locate your camera in places that are typically inaccessible to an operator. You can control Furio RC from up to 50 m (164 Ft) away.

All these powerful capabilities enable creative directors to deliver original, spectacular and more captivating content in a reliable, consistent and cost-effective manner with Furio RC.

Enhance Your Competitive Edge
Furio RC has the potential to greatly enhance your productivity, visual quality and production efficiency—both large and small. Furio RC creates high quality images and requires fewer resources than traditional systems. These cost-savings, combined with increased revenues from advertisers and sponsors, directly promise improved financial results for you.

The Furio RC has become the de-facto standard for motorized dolly systems in live broadcast environments around the world and is used in a variety of award-winning entertainment shows.

Benefit from the Furio RC Technology
Furio RC consists of a motorized dolly, a telescopic lift, a pan/tilt camera head and a set of operator controls. With fully digital and network controlled servomotors, Furio RC offers a single operator the capability to control track, lift, zoom, focus, pan and tilt — even from a remote distance of up to 50m / 164'. The track and lift functions are operated by foot pedals while the remote head is controlled by either a Joystick or a PanBar. The system is designed to operate quietly and with precision, even at high speeds.

Furio RC is a modular system
Telescopic lift (up to 1.85m/6'), fixed height risers, or no riser at all (camera directly on the dolly - 48 cm/18" at its lowest point). Therefore it can be tailored to each of your productions, and has the flexibility to adapt to a wide variety of venues.

Designed and engineered with a host of details that puts it in a class of its own, it is easy to set up, and even easier to use. **Reliable and robust, it produces results for you from day one.**

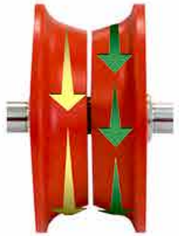
Sight Control.

Fast, Smooth, and (Noise) Free.

Furio RC Pan / Tilt Head
Fast, accurate, and easy to set up.

With interfaces to Fujinon and Canon analog and digital lens drives, the RC supports the majority of broadcast lenses available today.

Using an integrated balancing plate and quick-lock adjustments, the Furio RC head is fast and easy to balance for a perfectly stable image.



Furio RC Dolly with SilentWheels™
The motorized Furio RC Dolly can move at up to 3 m/s, working reliably day in and day out.

The dolly wheels are cut in half and equipped with four high-precision ball bearings that act as a differential. This allows one side of the wheel to rotate at a different speed than the other to prevent disruptive noise through a curve.

Furio RC Track
Custom designed aluminum matte black track is back-lash free with pin and cone connections, providing a smooth, stable platform no matter what the condition of the underlying floor.

Track pieces are available in standard or custom-made straight lengths and curves of different radii to suit virtually any stage or set.

With a narrow track gauge of 36cm (14”), Furio RC is portable and can easily fit into small spaces. Discrete and unobtrusive, it appears gracefully “on-air”.

Furio RC Controls. Now You're Flying.

Two choices of Furio RC Control Systems.

Joystick Control
The Joystick Control system provides a flexible and responsive user interface for harnessing the power of the Furio RC. Featuring a compact modular design that makes it easy to adapt to personal preferences, the joystick controls are perfect for today's robotics operators.

Joystick Controls
3-axis high precision joystick for accurate control of pan and tilt.

Touch Screen Control Console
Combines on-screen menus with tactile knobs for quick configuration of system settings.

Joystick Controls FZ Control Box
Ergonomic and responsive controls provide accurate command of zoom and focus.

Footpedals
- Controls track (dolly) and telescopic lift while keeping operator's hands free for pan, tilt, zoom, and focus controls
- Progressive control provides precise positioning of Furio dolly.

PanBar Controls
The most intuitive camera control system available today, the remote PanBar controls are instantly familiar to any camera operator. Based on an actual fluid head with adjustable drag, it also offers the ability to dial up or down the sensitivity, such that the same gentle swing of the arms could produce a slow pan, or a rapid sweep.

- Handle-mounted disable switch allows instant re-centering of the PanBar positioning.
- Dual LCD monitor supports permit the operator to monitor both preview and program
- Integrated bubble level simplifies setup
- Comes complete with tripod, floor spreader, and flight case

Ordering Information and Specifications.

FEATURES	FRC-JS-PKG1	FRC-JS-PKG2	FRC-PB-PKG1	FRC-PB-PKG2
RC Pan/Tilt Head	●	●	●	●
Telescopic Lift	●	-	●	-
Adapter plate to put head directly on dolly	●	●	●	●
RC Dolly	●	●	●	●
Power Supply Box	●	●	●	●
Touch Screen Console	●	●	-	-
Touch Screen Console with bracket for panbar mounting	-	-	●	●
Number of Footpedals	4	2	4	2
Joystick Controls for Pan/Tilt	●	●	-	-
Focus/Zoom Control Box	●	●	-	-
Panbar Handles	-	-	●	●
Fluid-head with high-res Encoders	-	-	●	●
Pan/Tilt Disable button	-	-	●	●
Support for 2 LCD monitors	-	-	●	●
Cartoni Tripod with floor spreader	-	-	●	●
50m Control Cable	●	●	●	●
10m Cable Sock	●	●	●	●
50m Lens Cable	●	●	●	●
Canon/Fujinon lens adapters male (lens side)	●	●	●	●
Canon/Fujinon lens adapters female *	-	-	●	●
Number of flight cases included	3	2	5	4

●Included -Not Available

* Lens adapters can be connected to external Zoom / Focus controls, provided by the lens manufacturer.

Furio RC Specifications

Max. Pan / Tilt Speed ..... 180 deg/sec
Max. Track Speed ..... 3 m/s (depends on payload and track length)
Max. Net Payload ..... 12kg / 26.4lbs.
Cable length between Furio and Controller ..... 50m / 164ft.
Optical Height with Telescopic Lift (from floor) ..... 1m10 (3'7") to 1m86 (6'1")
Optical Height with PT head directly on Dolly ..... 60cm (1'11")
Pan / Tilt Control System ..... Joystick or PanBar
Dolly / Lift Control System ..... Footpedals
Zoom / Lift Control System ..... Focus/Zoom box or Lens manufacturer controls
Lenses supported ..... Canon & Fujinon – Analog & Digital
Max. track length ..... 90m / 295ft.
Min. & Max. radius Curved Track ..... min. 3m (9ft.) / unlimited max.
Dolly Track width (in-between rail centerlines) ..... 36 cm / 14.17"
Dolly Length x Width x Height ..... 80cm x 47cm x 23cm (31.6" x 18.4" x 9")
Braking End of Track ..... Optical Sensors + Rail Bumper
Weight Pan / Tilt Head ..... 11 kg
Weight Telescopic Lift ..... 40 kg
Weight Dolly ..... 35 kg
Power requirement ..... 110VAC 10A or 220VAC 5A
Number of Furio Systems worldwide YTD Jan 2015 ..... +250

Flight Cases
Custom designed flight cases are available to provide care and protection when transporting your complete Furio system.

Furio RC Joystick Flight Case set contains 3 cases for:
- Pan/Tilt Head, Joystick, Touch Screen and Focus/Zoom Controller
- RC Dolly
- RC Telescopic Lift

Furio RC PanBar Flight Case set contains 5 cases for:
- Pan/Tilt Head and Touch Screen
- RC Dolly
- RC Telescopic Lift
- PanBar and accessories
- Cartoni Tripod

Ross Video has a complete range of technical services available to ensure that your Furio RC installation is a success.

Operational Training can be provided at Ross Video, on-site or on the web. Experienced Ross operators will teach your staff to get the most out of your new system, and enhance your productions.

Commissioning is a service to help get your Furio RC system properly configured, connected and installed. This service is performed by factory trained Ross technical staff.

Technical Training can be provided at Ross Video, on-site or over the web. Technical training will teach your engineering staff the technical details of the system you have purchased. Signal flow, system configuration and routine maintenance procedures are some of the topics covered.

Furio RC comes standard with a 1 year comprehensive warranty. **Extended Warranties** on Furio RC robotic camera systems are available for an annual fee.

Technical advice is available on-line, by telephone, fax or email to Ross Video – **free for the life of your system.**

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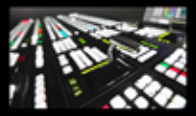

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Ross Mobile Productions
Mobile Productions

Ross Video Limited
8 John Street
Iroquois, ON, Canada K0E 1K0

Telephone: +1 613 652-4886
Fax: +1 613 652-4425
Email: solutions@rossvideo.com
Website: www.rossvideo.com

Technical Support
Emergency: +1 613 349-0006
Email: techsupport@rossvideo.com

Ross Video Incorporated
P.O. Box 880
Ogdensburg, NY, USA 13669 0880

Ross Robotics
Rue des Vétérinaires 42
1070 Brussels, Belgium

Ross Singapore
22 Sin Ming Lane
05-83 MidView City
Singapore

Ross Video EMEA HQ
Pinewood Studios
Pinewood Road, Iver Heath
Buckinghamshire, SL0 0NH
United Kingdom

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