



Dynamic Perception Stage R: Versatile Motion Control for Timelapse and Film

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Dynamic Perception has just announced their very exciting Stage R multi axis motion control system. The official announcement was made on kickstarter.com [2]. We, as an official Dynamic Perception distributor, will have the Stage R available in our online store as soon as it is available.

This is a very exciting product announcement since the Stage R offers an extremely strong pan and tilt solution for a price that we have not seen before.

There are many ways how you can interface our [advanced RamperPro timelapse controller](#) [3] with the Stage R. The RamperPro can be connected to the [MX3 controller](#) [4] from Dynamic Perception. The future NMx stepper motors for the Stage R are controlled via the MoCoBus; the RamperPro is equipped with two MoCoBus connectors. We will post a blog about these possibilities soon.

Here is a short summary of the official announcement:

Founded by Jay Burlage (aka milapse) a pioneer in the time-lapse still to video crossover revolution,



our first handheld controller the MX2 opened time-lapse motion control to a whole new world of hobbyists and professionals alike. Our most recent innovation, the MX3 controller furthers that momentum with 3-axis control and advanced motion capabilities. Now we're excited to partner with you on the next phase of evolution, NMX stepper driven 3-axis control for mobile devices.

A Bluetooth controlled tough-as-nails lightweight multi-stage motion control system from Dynamic Perception. We can't wait to see what's created when your imagination is at the controls! Incredibly Versatile: Each Stage R unit is capable of full 360 degree pan or tilt movement and its flexible modular design allows for hundreds of different motion combinations (100's, we're serious!). Connect two units together for full pan and tilt or connect one or two units to a dolly slider for ultra-dynamic 3-axis movement (slide + pan and/or tilt).

Lightweight and Rock-Solid: A core lightweight rotary axis weighs only 3 lbs (with motor) and can be used independently or be paired with a second unit (7 lbs as a pair). The unit's full aluminum construction is tough-as-nails capable of supporting 20 lbs and unlike other devices allows for a low center of gravity and balance resulting in maximum camera stability. Each unit is weight to strength optimized so heavy camera equipment, challenging shooting locations and crummy weather conditions are no problem - it's a system you'll feel confident in.

Fast Set Up: Each Stage R unit can quickly mount to standard tripod release plates or a variety of commonly found support systems via multiple 1/4"-20 and 3/8"-16 points (8 different locations to be exact!).

Multiple motor options: Opposing Quick-Snap motor mounts allow simple motor attachment on both sides of the rotary unit. The universal swappable mount means DC motors or stepper motors can easily be used to drive the system! Fully compatible with arca-swiss style clamps, L-brackets and accessories (included in rewards over \$400) for maximum flexibility. From run and gun to complex motion control Stage R can handle it all.

NMX Motion Controller with iOS and Android support: The NMX Bluetooth motion controller is an advanced networkable lightweight stepper motor driver that features integrated camera control. Don't let the small size or the single button fool you, it's fully software controlled and packs a sophisticated punch.



- ☒ **Advanced Motion Capabilities**
Creativity unleashed: video, time-lapse, or stop-motion
- ☒ **Integrated Camera Control**
Shoot motion-integrated timelapse videos right away
- ☒ **Intuitive GUI Interface**
Define multi-axis moves in a matter of minutes

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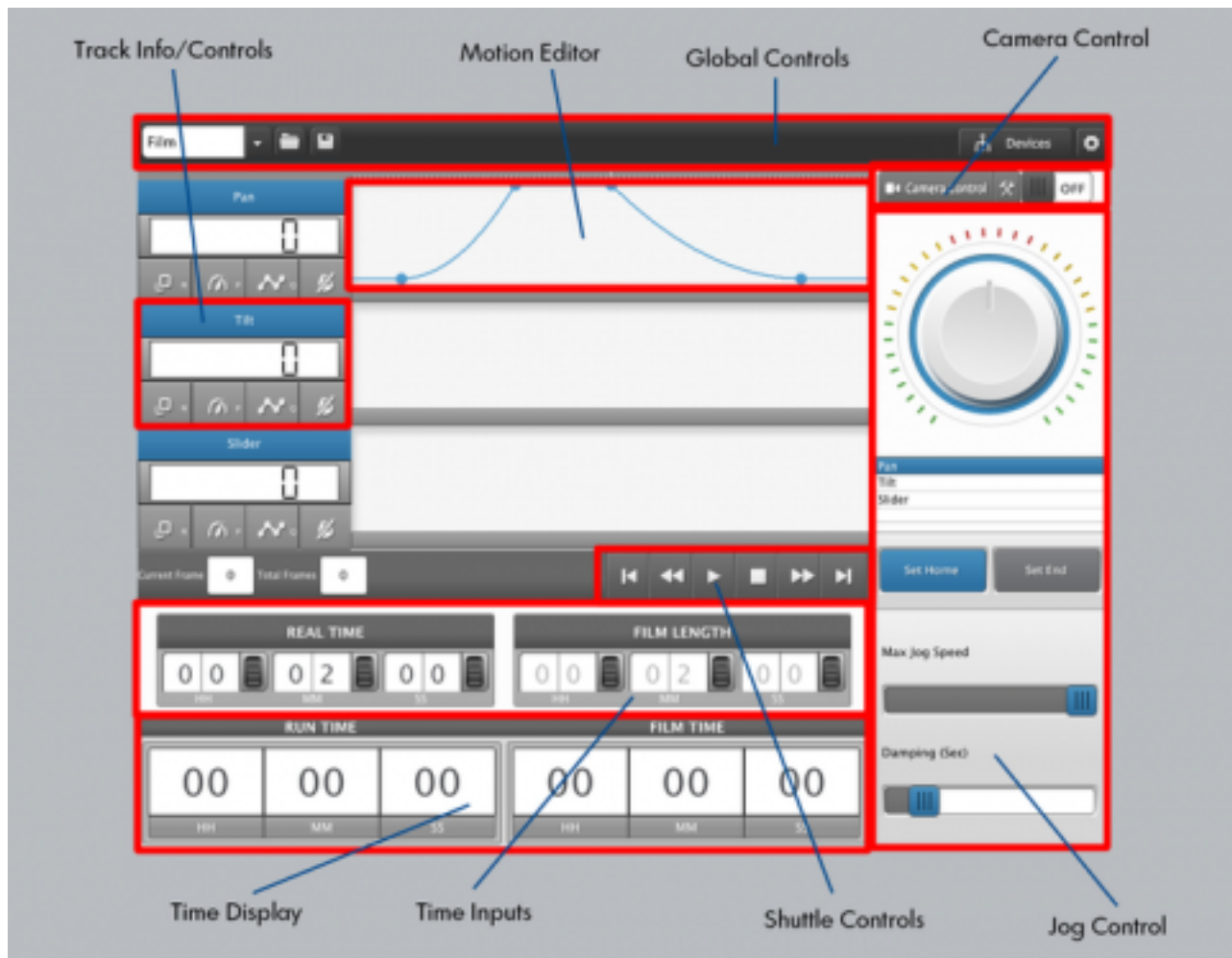
Smartphone Control: Meet the DP Motion App, an intuitive motion control application that turns your iOS or Android device into a mobile creativity factory.



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- **Easy Time-lapse Set Up:** Control all aspects of your time-lapse in either continuous mode or move-shoot-move mode. Let the app take care of time-lapse interval or total-shooting-time calculations for you.
- **Buttery smooth motion ramping:** Want to add speed ramping to 1, 2 or all 3 axes of motion? Set easy in and out keyframes and the watch your camera gradually increase to your set max speed, remain constant then gradually decrease to a complete stop.
- **Real-time control at your fingertips (Movie Mode):** Control up to 3 axes in real-time with the touch of your screen.
- **Stop Motion capable:** 3-axis stop-motion control with popular Dragonframe Stop-motion Software.
- **And more:** Easy wireless updates means new features can be quickly added as they go live.

or Computer Control: If you haven't done so already meet [Graffik](#) [7], the advanced motion control application for the NMX Motion Controller or other MOCOBUS-enabled devices. Many users have already been achieving amazing results with it. It's our multi-track editor approach to motion definition and allows you to quickly and easily create expressive films, whether they be video, time-lapse, or stop-motion. Simply configure your motion profile, download to the NMX or networked NMX modules and you're free to disconnect and run.



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[Blog](#) [9]

Source

URL: <http://www.elysiavisuals.com/content/dynamic-perception-stage-r-versatile-motion-control-timelapse-and-film>

Links

[1] <http://www.elysiavisuals.com/sites/default/files/field/image/stageR.png> [2] <https://www.kickstarter.com/projects/1178520865/stage-r-versatile-motion-control-for-time-lapse-an>
[3] <http://www.elysiavisuals.com/content/elysiavisuals-ramper-pro-3d-ramper-usb-timelapse-controller> [4] <http://www.elysiavisuals.com/content/mx3-motion-controller> [5] <http://www.elysiavisuals.com/sites/default/files/nmx.jpg> [6] <http://www.elysiavisuals.com/sites/default/files/smartphone.jpg> [7] <http://dynamicperception.com/software/graffik-motion-control-software> [8] http://www.elysiavisuals.com/sites/default/files/graffik_0.png [9] <http://www.elysiavisuals.com/article/blog>