

# spectrum

a new class of motion control



eMotimo  
Quick Start Guide



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**Motion Control Camera Robots**

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# Welcome to your eMotimo spectrum ST4!

Follow the easy steps in this quick start guide to set up your spectrum ST4 and begin shooting.



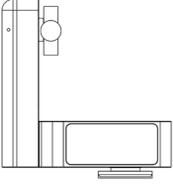
**Customer Service:**  
[help@eMotimo.com](mailto:help@eMotimo.com)  
[support.eMotimo.com](mailto:support.eMotimo.com)  
[eMotimo.com](http://eMotimo.com)

# Getting started

## What's included

(In a basic spectrum purchase, before accessories)

spectrum ST4



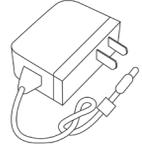
Controller



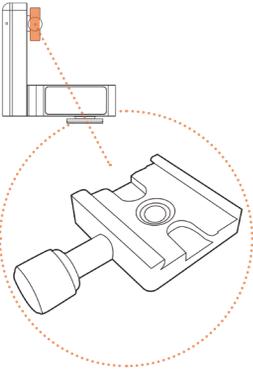
Micro SD card



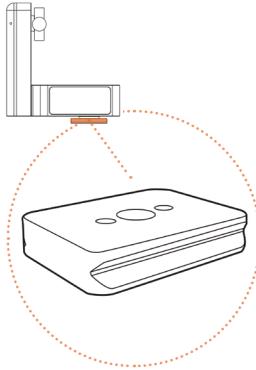
AC adapter



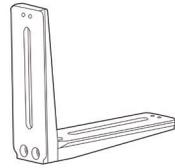
Arca clamp ships mounted to spectrum tilt



Arca plate mounted to spectrum pan base



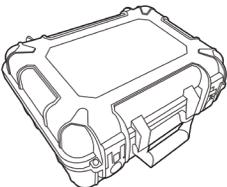
L-plate to mount camera to spectrum



## What's not included

(Important accessories sold separately)

Hard case



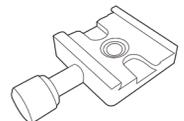
Camera shutter cable



Portable battery

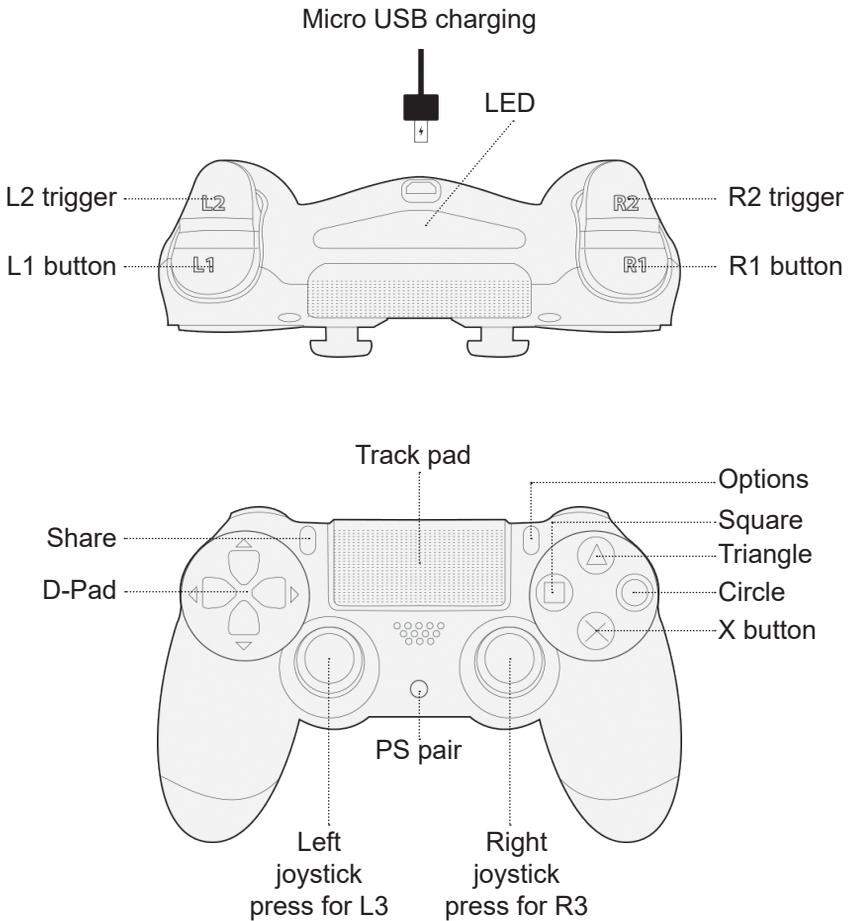


QR clamp for pan mounting



# Controller

Intuitive, wireless gaming controller for fast, multi-axis setup.



**D-Pad:** Navigate interface

**Left joystick:** Controls live motion

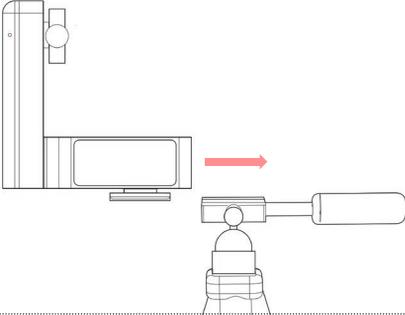
**Right joystick:** Controls live motion

**X button:** Select/advance

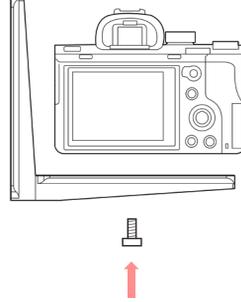
For all other button functions, see instruction manual at [support.eMotimo.com](http://support.eMotimo.com)

# Hardware setup

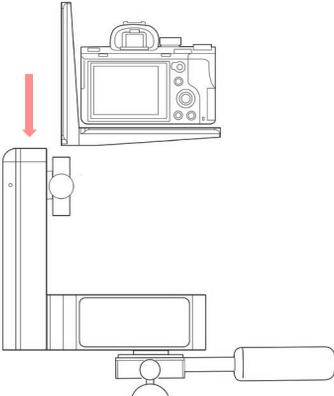
**Step #1** Mount spectrum pan axis arca plate to arca clamp on tripod or slider.



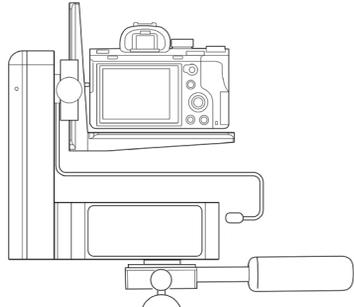
**Step #2** Mount camera to arca compatible L-plate.



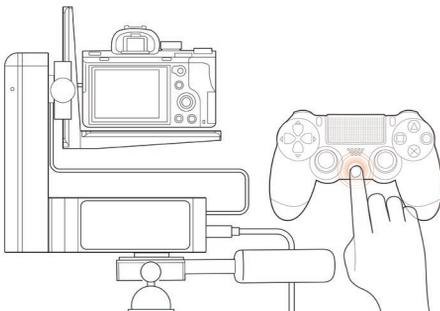
**Step #3** Mount camera and L-plate to tilt clamp.



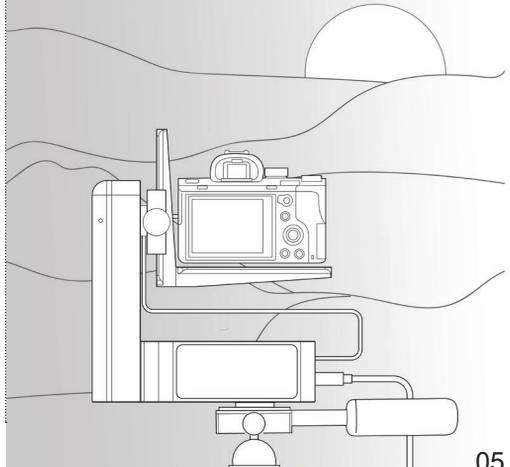
**Step #4** Optionally plug in camera triggering cables to camera port / camera.



**Step #5** Plug in 12-24 volt power and immediately press and release the center PS button. Remote shows blue LED when connected.



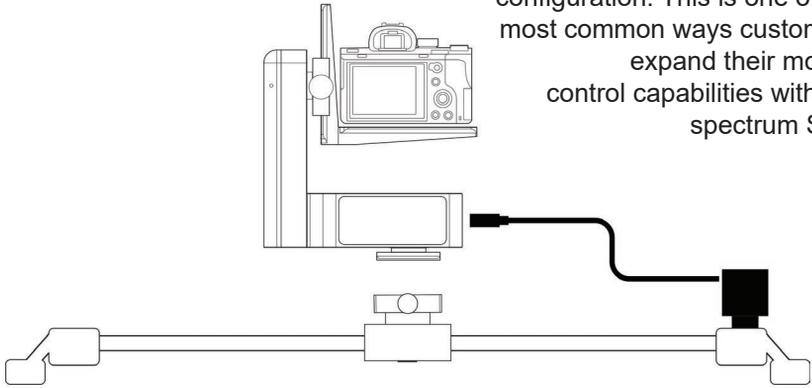
**Step #6** Shoot something amazing.



## Hardware M3 & M4 accessories

Spectrum was designed to work well with accessories created by eMotimo and by approved 3rd parties. The two powered motor ports (M3 & M4) drive motion with sliders, carts, turntables, and Fz motors. Coordinating all axes from a single, integrated controller simplifies setup and ensures accurate and repeatable moves.

By mounting **eMotimo adapter kits** and connecting eMotimo motors to the M3 port, the spectrum ST4 can drive coordinated linear motion with several third-party sliders. Speeds, capacities, length, and capabilities vary by brand and configuration. This is one of the most common ways customers expand their motion control capabilities with the spectrum ST4.



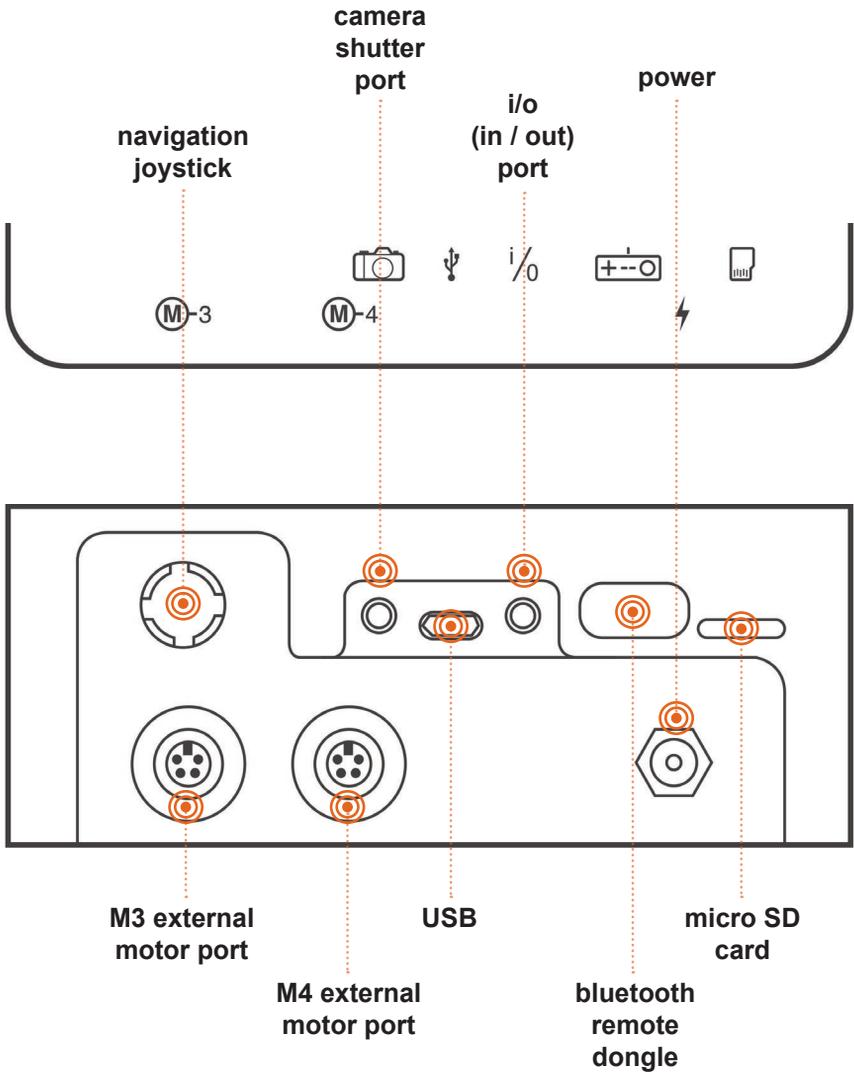
The **eMotimo focus FZ** accessory will plug into the M3 or M4 port on the spectrum to enable live control of focus, or use key frames, stops, and presets to hit your marks every time.

The **eMotimo Turntable** is incredibly precise, repeatable, durable, and easy to use. This simple product produces stunning results for capturing fashion, food, and products large and small.



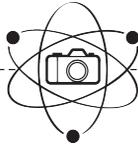
The **eMotimo Cart** is designed for capturing extremely long movements and curved or wraparound shots. Get a creative shot when you don't have time or space for a rail.

# Ports / control



# Warnings

- 1) Make sure everything is connected correctly and tightened down before starting your move. With arca dovetail clamps, it's best practice to slide the plate into the clamp and tighten down firmly to secure with thumb screw.
- 2) Keep cables clear and out of the way of your move. Watch out for your power or your accessories cables getting wrapped around your tripod or caught on your slider during a move.
- 3) Be aware of your surroundings before moving live. Unless programmed, there are no limits on how far you can move.
- 4) Batteries can be dangerous! If using a portable battery, follow manufacturers warnings for charging, transportation and storage.
- 5) Do not manually move your motors while the spectrum ST4 is on or off.
- 6) Only power the spectrum via the power port. Do not power the spectrum via USB port.
- 7) Only use approved accessories with the spectrum ST4.



## Limited Warranty

We'll fix or replace eMotimo manufactured products that suffers from a defect in manufacturing or assembly for 1 year from the date of purchase. We'll fix or replace third party products (sliders, batteries, controllers) sold by eMotimo 90 days from the date of purchase. If you do have to return something or have it repaired, we'll do our best to make it right. We do not warranty damage incurred in handling or shipping. Claims for missing or damaged items must be received within two business days of receipt of merchandise. If you need to return something, please contact us at [help@emotimo.com](mailto:help@emotimo.com) to receive an RMA number and shipping destination. Returns must have an RMA number clearly printed on the box with all parts safely packed. Items must be returned in their original or equivalent packaging, we will not be able to accept returned items that are not appropriately packaged or damaged due to inappropriate packaging on return transit.

Under no conditions will we accept liability for any amount higher than the original purchase price of the product in question.





eMotimo

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