

MOVE SHOOT MOVE

NOMAD Star Tracker User Manual

Package List:	NOMAD Star Tracker x1	Type-C charging cable x1	Allen wrench x1
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NOMAD Specifications

Maximum Load:	7.7lbs (3.5KG)	Input Voltage:	DC5.0V 1.0A Max
Size:	3.5*2.6*2.16 in (89*67*55mm)	Charging Time:	2 hrs
Weight:	0.95lbs (430g)	Charging Light:	Orange LED
Material:	Aluminum alloy, CNC machined	Charged Light:	Green LED
Surface:	Anodized	Battery:	6.46 Wh
Operating Temperature:	-5°C~45°C	Battery Life:	5 Hrs
Unlimited Battery Life:	Able to work while charging with an external power bank		

Main Body



Quick Setup Tutorial

NOMAD is compatible with multiple accessories. In this beginner's tutorial, we demonstrate a quick installation process of NOMAD with **two ball heads** and **one laser pointer**. Before start, ensure you have the following on hand:

1. Tripod
2. Camera
3. 2 Ball Heads
4. Laser
5. NOMAD Star Tracker

Setup Procedures

1. Install NOMAD Star Tracker

1.1 Prepare your tripod. Ensure that your tripod is set up on a stable surface.

1.2 Screw a ball head onto the threaded stud on the tripod. Rotate it until it is securely tightened. Remove the quick-release plate from the ball head platform.



1.3 Slide NOMAD tracker's quick release attachment into the ball head's quick-release platform, and tighten the platform locking knob to secure NOMAD tracker.



2. Install and Align Laser Pointer

2.1 Before using the laser pointer, please remember to unscrew the battery cap of the laser and **REMOVE** the insulating spacer.



2.2 Unscrew the laser aperture cap, then screw the red laser adapter for NOMAD onto the laser pointer.



2.3 Unscrew the red pan-head screw on the back of NOMAD, and screw the laser pointer into this screw hole with the laser adapter for NOMAD.



2.4 Turn on the laser pointer. Adjust the ball head to direct the laser beam accurately towards Polaris. Once aligned, turn off the laser, and avoid further adjustments to this ball head, or you may have to do re-alignments.

WARNING:

- Protect eyes.
- Do NOT aim at planes.
- Do not keep your laser on for over 30 sec, or it might be damaged.

Kindly Note: Southern hemisphere users are recommended to utilize mobile APPs for polar alignment.

3. Install Camera

3.1 Unscrew the middle adapter part of NOMAD. Secure the red adapter part onto the base of a second ball head by tightening the D-shaped screw.



[IMPORTANT] Don't forget to tighten the set screw with the Allen Key. Also remember to first loosen the set screw if you need to detach the adapter part from the ball head.



3.2 Attach the middle adapter part along with the ball head back to NOMAD.



3.3 Attach a quick-release plate to the base of your camera. Then, mount the camera to the top ball head with the quick-release plate, and tighten the ball head's platform locking knob to ensure a secure fit.



3.4 Adjust the top ball head to set your camera at the desired angle.







4. Ready for Shooting

Switch on NOMAD to start star tracking. Select 'N' if you're in the northern hemisphere and 'S' if you're in the southern hemisphere.

Kindly note that this tutorial primarily demonstrates the novice-level use of NOMAD star tracker. After mastering these fundamental skills, users are encouraged to explore device upgrades and enhance skills for achieving more professional and superior results. We wish you an enjoyable and fulfilling experience as you harness the full potential of NOMAD.

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