

# Nodal Ninja 3 MKII

## Spherical Panoramic Tripod Head w/R-D16 Rotator

### Quick Reference Guide

For complete manual visit:  
[www.NodalNinja.com](http://www.NodalNinja.com)

For support visit:  
[www.NodalNinja.com/forum](http://www.NodalNinja.com/forum)

For videos visit:  
[youtube.com/nodalninja](http://youtube.com/nodalninja)



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## Technical Specifications

Weight: 860 gr (1 lb 14.5 oz).

Metal: Aluminium alloy.

Lower assembly dimensions:

L 150 mm (6") x D 58 mm (2.25").

Upper assembly dimensions:

L 160 mm (6 1/2") x D 50 mm (2")  
with camera mounting plate.

Maximum weight load: 3.2 kgs (7 lbs).

Ideal working weight load: 1.3 kgs (3 lbs).

**Note.** Using heavier loads may cause sagging on upper rotator.

Mounting threads = 3/8 inch.

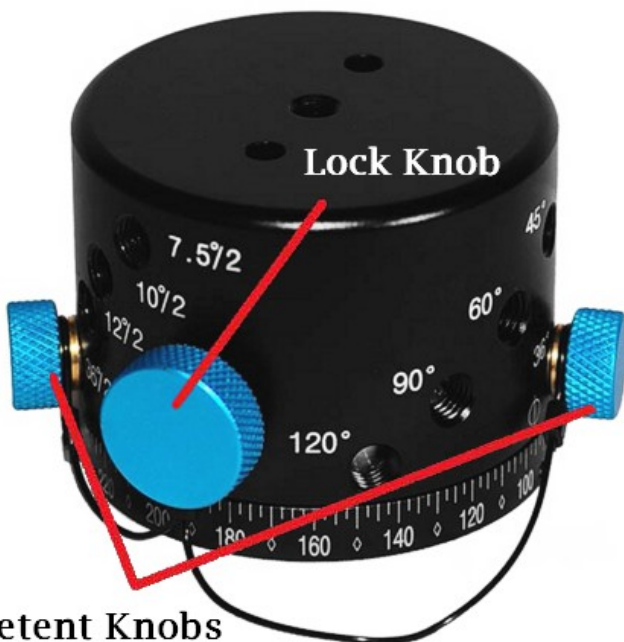
Diameter of 62 mm.

Height 49 mm.

Premium quality aluminium alloy.

- Precision CNC machined components.
- Lubricated bearings for smooth rotation.
- Laser engraved markings.
- Detent interval can be changed quickly.
- Knob for locking rotation.
- Retainer wire so you don't lose the knobs.
- Small nadir footprint.
- Fine 2.5 degree rotation markings.

**Note.** Images shown are for illustrative purposes and may not reflect actual model parts.



### Detent Knobs

- 2 knobs in 7.5° / 2 holes = 3.75° stops
- 2 knobs in 10° / 2 holes = 5° stops
- 2 knobs in 12° / 2 holes = 6° stops
- 2 knobs in 36° / 2 holes = 18° stops

### Portrait

*Only buy from „authorized resellers“. If buying new from other than an „authorized reseller“, no warranties or product support are included.*



### Camera plate



Anti Twist Sockets



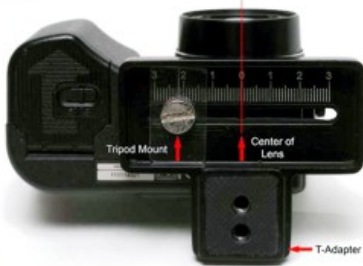
Rotator Lock Knob

Click Stop/Detent Selector Knob



**16 selectable increments = no. of stops around**

- 2 knobs in 7.5°/2 holes (=3.75°) = 96 stops
- 2 knobs in 10°/2 holes (=5°) = 72 stops
- 2 knobs in 12°/2 holes (=6°) = 60 stops
- 1 knob in 7.5° hole = 48 stops
- 1 knob in 10° hole = 36 stops
- 1 knob in 12° hole = 30 stops
- 1 knob in 15° hole = 24 stops
- 2 knobs in 36°/2 holes (=18°) = 20 stops
- 1 knob in 20° hole = 18 stops
- 1 knob in 24° hole = 15 stops
- 1 knob in 30° hole = 12 stops
- 1 knob in 36° hole = 10 stops
- 1 knob in 45° hole = 8 stops
- 1 knob in 60° hole = 6 stops
- 1 knob in 90° hole = 4 stops
- 1 knob in 120° hole = 3 stops



Optional T-adapter for tripod mount offsets



Vertical rail knob



shown with EZ-Leveler