

## Agno's MrotatorU +Canon 20d report: October 2007



**Introduction:** I am still carrying around a lot of camera gear; 3 cameras, tripod, pan head, pole, and lens bag. However, using this MrotatorU light weight panorama bracket will make it easier because it is designed to accommodate the light to middle weight class of digital cameras like the Rebel XTi 400d or Rebel XT 350d. However, for this report I decided to try the heavier Canon 20d 685 grams 24 oz which is almost as heavy the Canon 5d 810 gram (26oz) on the MrotatorU because ... well it is interesting to see how well it behaves under weighty stress.

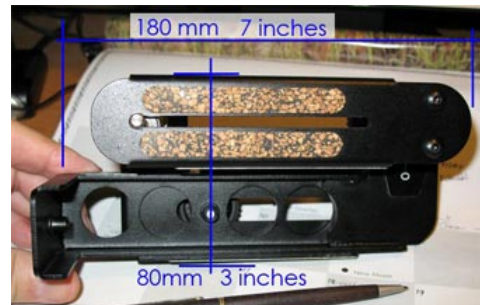
**specifications:** Agno's MrotatorU and Rotator T.

Collapsed the MrotatorU measures only 180L x 80w x 80h mm 640grams (7x 3x 3" 1lb 6 oz). +Rotator T = 1,050 grams

MrotatorU and RotatorT is 840 grams or 1 lb 14 oz).  
Mrotator TCPshort and RotatorB 1,250 grams or 2 lb 12 oz.

**design features:** The MrotatorU is a 2 piece fabrication which allows for easy travel storage. The base connection plate connects to upper part using only 1 screw knob. The RotatorT base connects to this assembly with 3 small Allen screws. Once assembled you really do not need to break it down as it fits neatly inside **your** small carrying bag.

**setup procedure:** We used a Manfrotto 3001d tripod and Manfrotto 488RC2 ball head. Place the MrotatorU on the optional ball head quick release plate.



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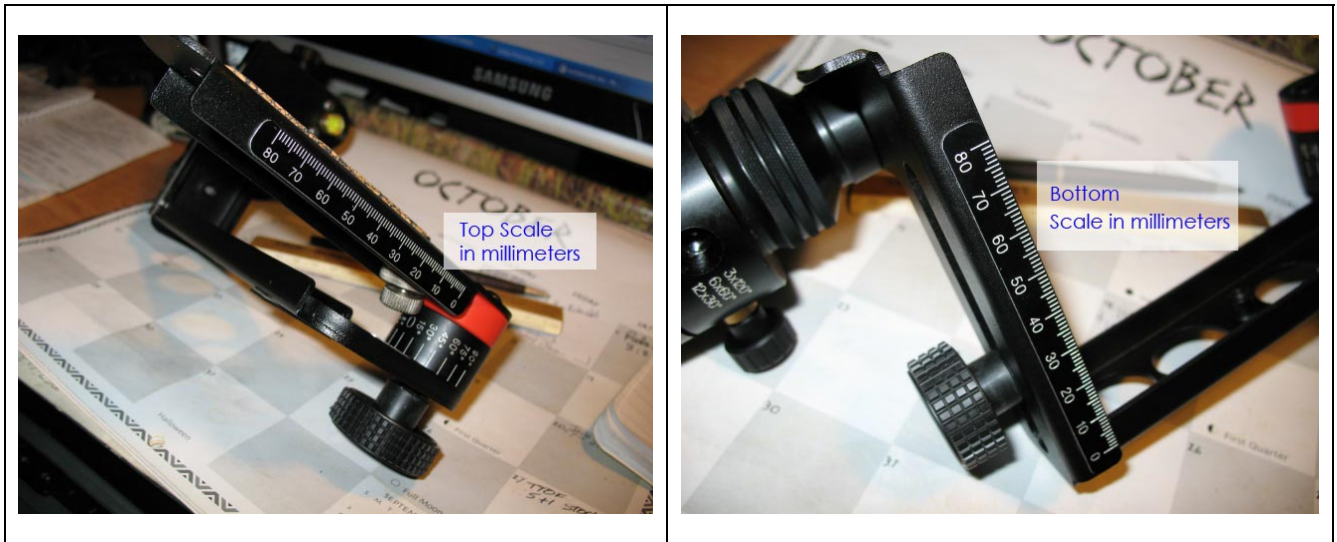


Lower right photo I used small piece of Velcro for wired shutter release docking.

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Zenith up and Nadir down images



**Calibration Scales:** Both upper and lower scales are white letters on a black background.

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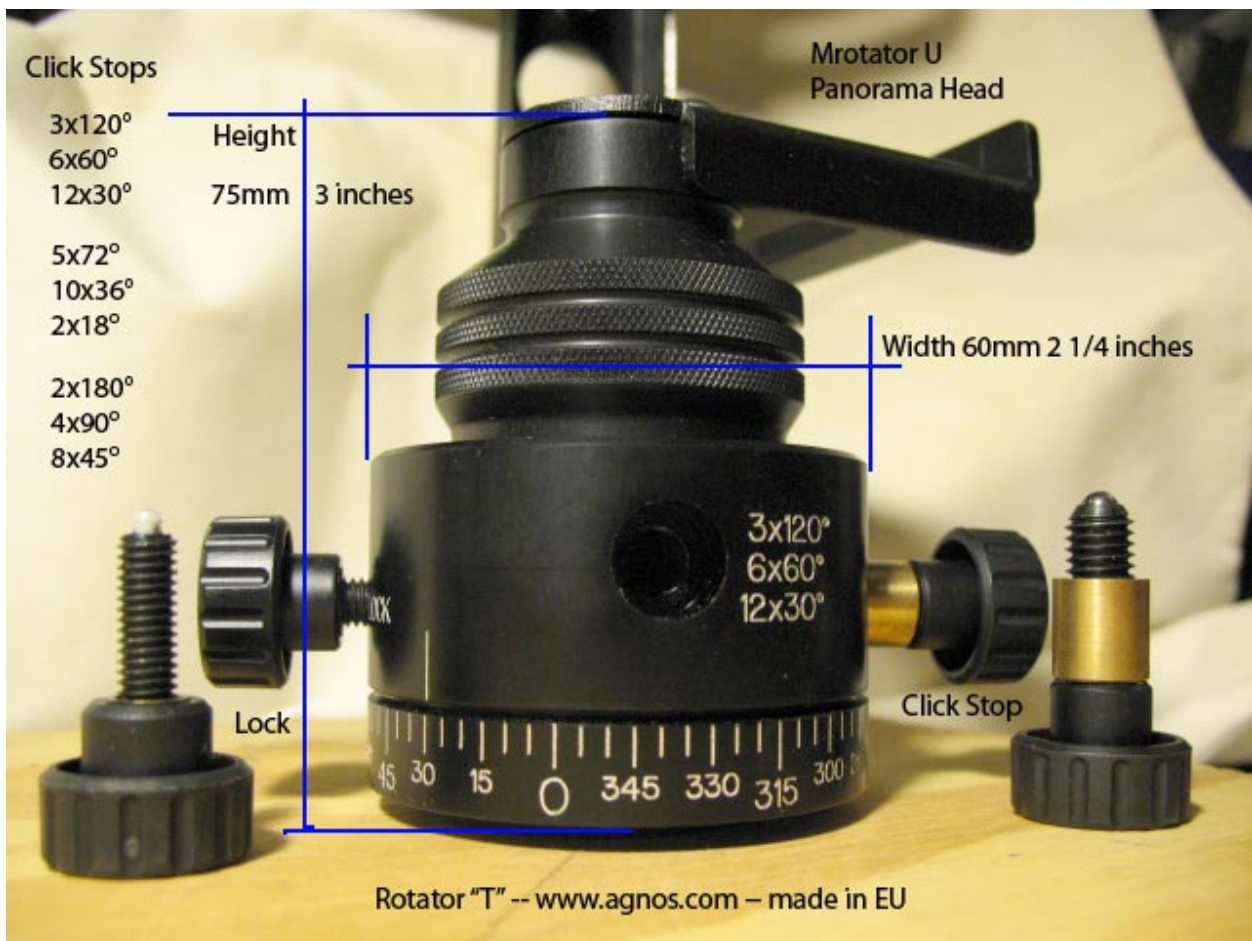
**Rotator T :**

NON magnetic light weight aluminum metal material.

Height 75mm Width 60mm (3 x 2 ¼ inches)

The Lock knob is tipped nylon. The Click Stop knob is tipped with a steel roller ball bearing.

Click Stops: 3 groups **3x120°, 6x60°, 3x120°** || 2x18°, 10x36°, 5x72° || **2x120°, 4x90°, 8x45°**



## camera equipment:

**Camera:** Canon 20d

**Compact Flash Card:** 2gb SanDisk Ultra II 2.0gb

**Prime Lens:** Sigma 8mm f/3.5 Fisheye Adapter

**Pan Head:** Agno's MrotatorU and RotatorT

**Support:** Manfrotto/ Bogen Ball Head 488CR2

**Tripod:** Manfrotto/ Bogen 3001d

**Quick Release:** Manfrotto Quick Release plate between the ball head and RotatorT.

## Conclusion

**qualities:** The MrotatorU 1 knob design makes it very easy and quick to assemble and reassemble. This feature alone makes life easy when packing for holiday trips.

The RotatorT rotates through the click stops are **VERY solid**. You can definitely feel and hear the click stops. The click stop knob now has a brass ring to help you remember "IT'S THE OTHER knob" that locks and unlocks the head rotation.

We used our Manfrotto Quick Change Plate adapters (rotator base and camera plate) which easily permitted removing and re-mounting the MrotatorU on the tripod ball head while maintaining the No Parallax Point.

**suggested additions:** To make the MrotatorU easier to use – **offer** Quick release plate for camera and between the ball head and RotatorT.

**recommendation:** The MrotatorU and RotatorT are on my list of **Highly Recommended "MUST BUY" buy** Agno's panoramic hardware. IF you already have the Rotator (came with the TCP Short) and want to lighten your load you can buy the MrotatorU separately.