

## Agno's RingT8s – Canon 350d report: October 2007

RingT8N for Nikkor 8mm, RingT185R Raynox, RingT1017, Tokina, T1022C Canon 10-22mm Wide Angle

**introduction:** Agno's RingT is probably the simplest and easiest panorama bracket to use in the field. RingT8s (shown left) is for the Sigma 8mm either f3.5 or f4.0. RingT105N (shown right) is for the Nikkor 10.5 fisheye lens to be used in conjunction with the MrotatorTCP or U. The Nikkor 10.5 lens is smaller in diameter. Agno's also manufactures RingT8N for Nikkor 8mm 2.8, RingT185R Raynox, RingT1017 Tokina and T1022C Canon 10-22mm Wide Angle.



specifications: Agno's RingT dimensions.



**RingT Back face show degree rotation marks. Notice the 0° mark.**

**RingT8s** left (Sigma 8mm lens) is 110mm high (with foot) and 95mm outside diameter. 4 3/8" high (with foot) and 3 3/4" outside diameter. Weight 270grams or 10 Oz



See Conclusion section below. Agno's TCP mounts to the **RingT105N** above right (Nikkor 10.5 mm lens) is 100mm high (with foot) and 90mm outside diameter. 4" high (with foot) and 3 1/2" outside diameter. Weight 230grams or 8 Oz

**design features:** All RingT's are 1 piece fabrications which allows for easy travel storage. The RingT connects to the RotatorT, or M using 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:** Before inserting the Sigma 8mm lens into the RingT it is necessary to TURN OFF auto focus feature and rotate the focus ring to infinity. Place a piece of cello tape over the focus ring and lens housing to keep the focus ring from moving off mark. Then configure the camera to use f/8 aperture setting. This is the Sigma 8mm sweet spot where everything is in focus between 10 cm (4 inches) to infinity. Manually set or automatically allow the camera to adjust to the proper shutter speed.

We used a Manfrotto 3001d tripod and Manfrotto 488RC2 ball head. Place the RingT on the optional ball head quick release plate.



The process is the same for the Nikkor 10.5 Fisheye lens on a Nikon camera and other lenses.

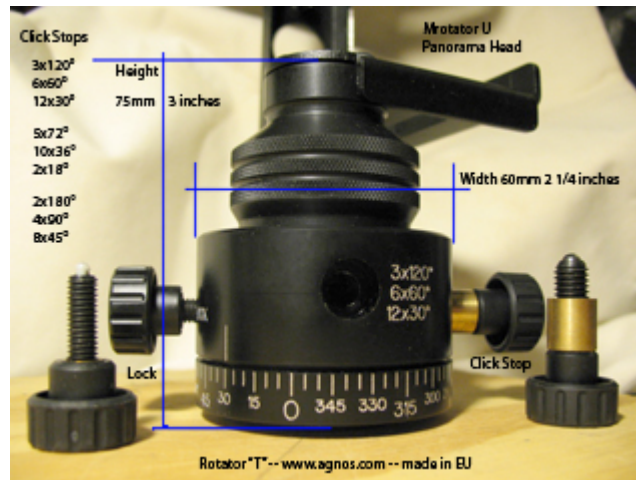
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You should be able to read the text on the lens.



Rotate the lens and camera so that the RingT 90° mark align on the camera focus ring white index mark. This will put the camera in Portrait orientation (image long side up).

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 yellow brass ring to help you remember "IT'S THE OTHER knob" that locks and unlocks the head rotation.



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Note the Canon Rebel XT (350d) distance between the RingT and the RED DOT mark on the popup camera flash.

**No parallax Point (NPP):** Finding the NPP is simple. The RingT (left <-> right) center of lens is already set. We have a ½" diameter pvc pipe in front of a broom handle stick 3 meters or 10 feet behind.



Now it is necessary to move the lens forward and back inside the RingT until both black dot on the forward pvc pipe is centered with the back pole when you rotate the camera left and right 40°.



You will know that you have found the NPP when the black dot and stick behind does NOT change positions. The 40° left picture shows the black dot **1 stick thickness to the left**. The center and 40° Right picture shows the black dot right ON the broom stick. This shows the camera must STILL must be moved 1 millimeter forward or backwards to be exactly perfect. Making the NPP perfect will dramatically reduce your stitching and post process corrections.

## camera equipment:

**Camera:** Canon 350d

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

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

**Pan Head:** Agno's RingT8s and RotatorTbase

**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 RingT8s and the other RingT models are small, light weight and are very easy and quick to assemble and reassemble on your tripod or monopod. These features make life easy when packing for holiday trips. One really great feature is you can leave your lens locked in the RingT, remove your camera for use with another lens. Remember to place the lens cap (front and back) to protect the lens optic glass.

The Canon 350d, 20d with Sigma 8mm and RingT8s you need to take 4 images around the horizon. With the full 35mm sensor 5d you have a choice of either 3 or 4 images.

For the cameras using the Nikkor 10.5 fisheye and Tokina 10-17 lenses you need to take 6 around and 1 up Zenith and 1 down Nadir image. For the UP/DOWN images you need to use the RingT model mounted to the Agno's Mrotator TCPshort or Mrotator U bracket. The RingT Canon 10-22mm Wide Angle will capture 8 images for cylinder panoramas using the RotatorT click stop device.

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

**suggested additions:** NONE The RingT with full spherical lens are the most suitable for panorama imaging.

**recommendation:** The RingT is on my list of **Highly Recommended "MUST BUY"** buy Agno's panoramic hardware. IF you already have the Rotator M basic or older Rotator that came with the TCP Short and want to lighten your load you can buy the RingT and foot separately.