

Congratulations on your purchase of the **Ray Flash Rotator**. Please read these instructions thoroughly to ensure proper use and care of your Rotator.

Ray Flash Rotator Contents:

Rotating Ring with integrated TTL cord - Your flash unit locks into the hot shoe on the Rotating Ring and can move around the outside of the Ring while the tension dial is disengaged.



The Ray Flash Rotator is available in two different versions, Canon and Nikon. The Canon and Nikon versions differ in the TTL pin connections on the integrated TTL cable. Only use the version matching the proper camera brand to prevent damage to the camera's electronics.



Ring Screw - This screw fits into the body of the Rotating Ring and has a groove in the top to accommodate a coin for tightening.



Camera Body Screw - The Camera Body Screw attaches the Camera Body Mount to your camera's tripod screw socket.

Camera Body Mount - This piece attaches to your camera's tripod socket and links to a Camera Body Extension.

Camera Body Extensions - Use either the Large, Medium or Small Camera Body Extension depending on your camera type.



Extension Screw - This screw attaches the Camera Body Extension to the Camera Body Mount.

Assemble Your Ray Flash Rotator

1. Choose the Camera Body Extension that Fits Your Camera Body

This chart shows common Canon and Nikon bodies and the best Camera Body Extension to use with each body. If your camera body is not shown in the chart, select a body of similar size or simply try the Camera Body Extensions with your camera to select the best fit.

Camera Body Extension	Canon Body	Nikon Body
Small	Digital Rebel Series	D5000, D40, D50, D60
Medium	30D, 40D, 50D, 60D, 7D	D70, D80, D90, D100, D200, D300, D700
Large	EOS1D, EOS1Ds MARK II, EOS1Ds MARK III	D2 Series, D3 Series



2. Attach the Rotator to Your Camera

Step 1 - Attach the Camera Body Mount to your camera's tripod socket using the Camera Body Screw.



Step 2 - Attach the Rotating Ring to the appropriate Camera Body Extension for your camera (Small, Medium or Large) using the Ring Screw. Use a coin to tighten securely.

Step 3 - Insert the other end of the Camera Body Extension into the slot in the end of Camera Body Mount. Screw the Extension Screw through the bottom of the Camera Body Mount and through the Camera Body Extension until tight.



Connect the Ray Flash Rotator TTL Cord to Your Camera



Step 1 - Make sure the power is off on both the camera and flash unit.

Step 2 - Attach the flash unit to the rotator shoe mount and lock the flash unit's shoe lock.

Step 3 - Connect the Rotator's TTL cable to the camera's hot shoe and tighten the TTL cable's shoe lock.

Step 4 - Turn on the flash unit and then the camera.

How to Move a Flash Unit on the Rotator

Once everything is connected, you can turn the flash to any desired position by simply loosening the Rotator's tension dial by rotating it counter-clockwise.

With the tension dial loose, the flash unit is free to be moved around the Rotator Ring's axis.

To lock the flash unit in any position, rotate the Rotator's tension dial clockwise until it stops.

The Ray Flash Rotator should be treated with reasonable care like any piece of quality photographic equipment. The manufacturer recommends that you not expose the Rotator to moisture or extreme heat or that you subject the electronic connections to unreasonable stress. Please visit U.S. Distributor Expomaging's website at expomaging.com for warranty and support in the U.S.

