

# **TIFFEN**<sup>®</sup> *FILTERS*



The Tiffen Company  
90 Oser Avenue, Hauppauge, NY 11788  
1-800-645-2522 • 631-273-2500 • [tiffen.com](http://tiffen.com)

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**Tiffen Multi Rota Tray  
QUICK REFERENCE GUIDE**

## QUICK REFERENCE GUIDE

### How to Configure As Either a Rotating Circular Polarizer, a Variable ND, or a Warm Cool FX

Thank you for purchasing the Tiffen MULTI ROTA TRAY (MRT) . This product is designed to fit into a variety of Matte Boxes which conform to ARRI® R2 design standards. The instructions below will assist you in setting up the unit to deliver three different results. Please refer to [tiffen.com/mrt-compatibility](http://tiffen.com/mrt-compatibility) for compatible matte boxes and manufacturer information. In addition, please see Multi Rota Tray Video at [tiffen.com/about-mrt](http://tiffen.com/about-mrt)

The Tiffen MRT can produce three very distinctive effects. To configure the unit, you will need to follow these instructions. They relate to (1) Which way round the tray has to face when in the Matte Box. (2) Which way the 4x5.65 removable Circular Polarizer (when required) needs to face in the tray.

#### Tray Engravings

A - FACE  
B - FACE

#### 4x5.65 Circular Polarizer Engravings

"VND Face Lens"  
"WARM/COOL FX Face Lens"

- 1 To use the MRT as a Rotating Circular Polarizer ONLY; Face the filter tray "A-Side" towards the lens. Do not add the additional 4x5.65 Circular Polarizer. \*If supplied.
- 2 To use the MRT as a Variable Neutral Density (VND); Face the filter tray "B-Side" towards the lens. Place the 4x5.65 Circular Polarizer into the tray so that you can read the engraving on the filter as "VND Face Lens". Now both the engraved filter "VND Face Lens" and the MRT "B-Face" need to be inserted into the Matte Box facing the lens. Now rotate the gearwheel to review.

Please be advised that the amount of light reduction the MRT can cut when set up as a VND is focal length dependent. Always check for edge of frame vignetting and in extreme cases for a dark cross in the center of your frame.

The best way to look for possible vignetting and uneven transmission in your image, is to use a waveform monitor and a solid grey card. Evenly illuminate the grey card making sure the card covers the entire image area of the lens. Any uneven variance in light transmission will show up as you rotate the gear on the monitor.

- 3 To use as a Warm/Cool FX: Face the filter tray "B-Side" towards the lens. Place the 4x5.65 Circular Polarizer into the tray so that you can read the engraving on the filter as "WARM/COOL FX". Now both the engraved filter, "WARM/COOL FX" and the MRT fascia "B-Face" need to be inserted into the Matte Box facing the lens. Now rotate the gearwheel to review.

If you have questions please contact us at [techsupport@tiffen.com](mailto:techsupport@tiffen.com).

### 4565MULTROTTRAYCP

4X5.650 Multi Rota Tray with 138mm Circular Polarizer only



### 4565MULTROTTRAVND

1- 4X5.650 Multi Rota Tray with 138mm Circular Polarizer  
1- 4X5.650 Variable ND with Warm/Cool FX Filter



### 4565MULTROTVNDKIT

1- 4X5.650 Multi Rota Tray with 138mm Circular Polarizer  
2- 4X5.650 Variable ND with Warm/Cool FX Filters

