

# TIFFEN® FILTERS



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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 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

“FOR VND USE. THIS SIDE MUST FACE THE LENS”

“FOR WARM/COOL FX USE. THIS SIDE MUST FACE THE LENS”

- To use the MRT as a Rotating Circular Polarizer ONLY:** Face the filter tray “A-FACE” towards the lens. Do not add the additional 4x5.65 Circular Polarizer, if supplied.
- To use the MRT as a Variable Neutral Density (VND):** Place the “4X5.65” filter into the (MRT) tray so that the engraving “FOR VND USE. THIS SIDE MUST FACE THE LENS” is readable. Now place the MRT into the Matte Box/Sunshade. The MRT will now work as a VND in this configuration.  
You can now rotate the geared wheel to review. Please use the Alpha markings on the gear ring and the engraved + / - on the “A-FACE” of the tray as a guide to increase or decrease the effect.

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 edge of frame for 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.

- To use the MRT as a Warm/Cool FX:** Place the “4X5.65” filter into the (MRT) tray so that the engraving “FOR WARM/COOL USE. THIS SIDE MUST FACE THE LENS” is readable. Now place the MRT into the Matte Box / Sunshade. The MRT will now work as a WARM/COOL FX in this configuration.

You can now rotate the geared wheel to review. Please use the Alpha markings on the gear ring and the engraved + / - on the “A-FACE” of the tray as a guide to increase or decrease the effect.

### 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



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