



## Cinefade VariND

### General description:

#### Cinefade:

Cinefade is a novel form of cinematic expression that allows cinematographers to vary depth of field in film to gradually transition between a sharp and a blurry background at constant exposure. The cmotion Cinefade VariND consists of a motorised rotating polariser and a static polariser which together form a variable ND filter. Paired with an iris motor, depth of field can be controlled dynamically (up to 5 T-stops within optical safe range) while maintaining a constant exposure.

#### Variable ND:

In VariND mode, the filter can be used either standalone or controlled remotely through a cPRO hand unit. In standalone mode, the integrated buttons allow precise control over the ND gradient which saves time and effort when compared with changing traditional ND filters. In wireless mode, the cPRO hand unit can be used to achieve smooth dynamic INT to EXT transitions as well as fast, precise exposure changes whenever the camera is inaccessible.

#### Variable Pola:

In RotaPola mode, the filter can be used either standalone or controlled remotely through a cPRO hand unit. In standalone mode, the integrated buttons allow precise control over the rotation of the filter to eliminate polarisation issues including reflections and glare. In wireless mode, the cPRO hand unit can be used creatively to achieve dynamic polarisation changes on surfaces such as car bodywork and glass.



|  |   |
|--|---|
| weight                                   | 690 g (~24 oz) both filters   |
| length                                   | 150 mm (~ 6 inches)   |
| width                                    | 13 mm (~ 1/2 inch) both filters only<br>38 mm (~ 1 1/2 inches) including motor block  |
| height                                   | 197 mm (~ 8 inches)   |
| mounting points                          | standard ARRI 3/8" mounting point   |
| power consumption of motor               | max. 2 - 6 A  |
| power supply                             | 10.5 - 35 V   |
| temperature range                        | -20 to +50° C (-4 to +122° F)   |
| software update                          | through cPRO hand unit  |
| remote features                          | through cPRO hand unit  |
| connectors                               | 2x Le 4p (LBUS)   |
| buttons                                  | 2   |
| button functions                         | Change Mode (Cinefade / VariND / RotaPola)<br>Change ND (ND0.1) / change Rotapola angle (5°) (in increments)<br>cPRO LCS required for dynamic remote control features and Cinefade effect |
| display / size (diagonal) / resolution   | OLED / 12,2 mm (~ 1/2 inch) / 72x32 pixel   |
| compatible matteboxes                    | LMB 4x5, LMB 5, LMB 15, LMB 25  |
| initial stop loss of both filters        | 1.5 stops (~ND0.4)  |
| Cinefade range within optical safe range | 5 stops   |
| max. Cinefade range                      | 8 stops   |
| max. Cinefade speed at constant exposure | 0.5 seconds for 5 stops   |
| VariND range within optical safe range   | ND0.4-ND1.9   |
| max. VariND range                        | ND0.4-ND2.7   |
| RotaPola angle                           | 0° - 180°   |
| RotaPola resolution                      | 0.1°  |

