FOTODIOX

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Dandelion Lens Mount Adapter
Instruction Manual

FEATURES:

1. Sets Max Aperture Value from F1.1 to F45
2. Sets Lens Focal Length from 1mm to 65535mm
3. Set Value Saved After Programming
4. Focus Confirmation Enabled
5. Supports AV and Manual Modes
6. Capable of Recording Real Aperture Value

CONTACT US:

For Information Regarding this and more of our products, please contact us:

E-mail: info@fotodiox.com
Phone: 847.201.4623
www.fotodiox.com

3805 Hawthorne Ct.
Waukegan IL, 60087

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TAKING PICTURES WITH DANDELION CHIP INSTALLED:

A. Taking Picture <u>Without</u> Recording Real Aperture Value
(Recommended: No Programming Required)

    a. Set Camera in Either AV or Manual Mode
    b. Set Camera to Max Aperture Value (DO NOT Change Aperture Value on Camera Body)
    c. Compose and Focus
    d. Set the Aperture Value on Lens
    e. In AV Mode, the Shutter Speed Will Be Set Automatically. In Manual Mode, Set the Shutter Speed accordingly.
    f. Take Picture

B. Taking Picture <u>With</u> Real Aperture Value in Manual Mode
(Required: Set Max Aperture of the Lens)
(Refer to the Programming Section to set the Maximum Aperture Value)

    a. Set Camera Manual Mode
    b. Wide Open Lens Aperture
    c. Set Aperture Value and Shutter Speed on Camera Body According to Camera Meter, While Aperture on Lens is at Max.
    d. Focusing and Composing
    e. Set Aperture Value on Lens and Camera to be the same
    f. Take Picture

<u>Programming the Dandelion Chip</u>:

A.   Setting the Maximum Aperture Value (e.g., **F2.8**)

   a.   Turn On The Camera
   b.   Set the Camera in Manual Mode
   c.   Set the Shutter Speed to 1/60 Sec.
   d.   Dial Aperture on Camera Body to F64, and Press the **Shutter Release (SR)**; Repeat for the following
          sequence of Values: Dial F57, Press **SR**; F64, SR; F2.0, SR; **F2.8**, SR; F57, SR; F64, SR; F57, SR.
          Note: **The Set Value Can Be Set to Any Desired Value From F1.1 to F45**

B.   Setting the Lens Focal Length Value (e.g., **135mm**)

      The focal length is a 5 digit number. For example, **135mm is 00135**, which correspond to a set of aperture
      values. In this 135mm is **F2.0**, **F2.0**, **F2.2**, **F2.8**, **F3.5**, according to the table below.

Number	0	1	2	3	4	5	6	7	8	9
Corresponding Aperture Value	F2.0	F2.2	F2.5	F2.8	F3.2	F3.5	F4.0	F4.5	F5.0	F5.6

Follow the steps below to set Focal Length.

   a.   Turn On The Camera
   b.   Set the Camera in Manual Mode
   c.   Set the Shutter Speed to 1/60 Sec.
   d.   Dial Aperture on Camera Body to F64, SR; F57, SR; F64, SR; F2.2, SR;
          F2.0, SR; **F2.0**, SR; **F2.2**, SR; **F2.8**, SR; **F3.5**, SR; F57, SR; F64, SR; F57, SR.
          Note: The Set Value Can Be Changed to Any Desired Value From 1mm to 65535mm

C.   Fine Tuning Focus Point

   a.   In a Well Lit Area, Point The Camera to a Close Subject, Set the Lens in Max Aperture.
   b.   Half Press Shutter Button
   c.   Examine Focus Point with Focus Confirmation
          Note: If the Subject is in Focus, The Dandelion Mount Adapter is Accurately Calibrated.
          If the Subject is out of Focus, Refer to Calibration in Section D.
          (Calibration can be done in 31 fine tuning values. #27 is default value from manufacture.)
   d.   #1 - #12 and #28 - #31 Are Front Focusing Values.
   e.   #13 - #26 Are Back Focusing Values.
   f.   The Focus Value is a 2 digit number. For example, **#28**, which correspond to a set of aperture
          values, **F2.5**, **F5.0**, according to the table below.

Number	0	1	2	3	4	5	6	7	8	9
Corresponding Aperture Value	F2.0	F2.2	F2.5	F2.8	F3.2	F3.5	F4.0	F4.5	F5.0	F5.6

D.   Calibration: (set the value to #28)

   a.   Turn On The Camera
   b.   Set the Camera in Manual Mode
   c.   Set the Shutter Speed to 1/60 Sec.
   d.   Dial Aperture on Camera Body to F64, SR; F57, SR; F64, SR;
          F2.5, SR; **F2.5**, SR; **F5.0**, SR; F57, SR; F64, SR; F57, SR.
   e.   Repeat those Steps with Various Focus Value until the Camera is in Focus.