



# Megadap M2RF Review and Usage Guidelines

A revolutionary adapter solution for Canon RF mount cameras, unlocking new lens experiences. Below are the core product features and usage specifications.

# 1. What is the Megadap M2RF Adapter

Megadap M2RF Autofocus Adapter is engineered exclusively for Canon RF mount mirrorless cameras. It serves as a perfect bridge, seamlessly integrating classic M-mount manual lenses with the advanced autofocus system of modern mirrorless bodies. This innovation revives the charm of vintage optics while empowering photographers with the convenience and speed of AF technology.



## 01. Core Positioning of Smart Adapter

Exclusively built for Canon RF mount mirrorless cameras, it unlocks full autofocus capability for legacy M-mount manual lenses. **and other lenses used with adapters for M-mount** , The adapter supports multiple sets of lens parameter configurations and personalized custom settings, ensuring optimal performance tailored to each specific optic.



## 02. Technical Core of Precision Transmission

- Built-in custom planetary motor and worm gear reducer,
- driving the patented electronic screw drive mechanism.
- Dual Hall-effect photoelectric detection units
- enable steady and fast autofocus via lens extension and retraction.

A 50mm M-mount F1.4 or F2 lens is recommended for initial use.

## First-Time Use Procedure

1



Mount the M2RF adapter onto the RF-mount camera body.

2



Mount the 50mm M-mount lens onto the adapter.

3



Rotate the lens focus ring to the infinity  $\infty$  position.

4



Turn on the camera.

5



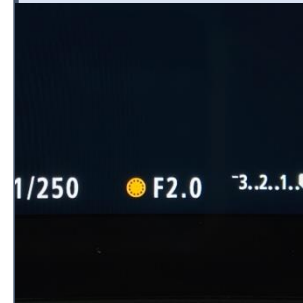
Set the lens aperture ring to one of the following values:  
F1.4, F2, F2.8, F4.

6



Adjust the aperture dial on the adapter.

7



Verify that the aperture value displayed on the camera body matches the actual lens aperture setting.

Start shooting.

## 2.Important Usage Reminders

<500g



### 2.1 Avoid Using Overweight Lenses

- It is recommended to use lenses weighing no more than 500 grams.
- Overweight lenses may cause damage to the adapter.

### 2.2 Check the Initial Position of the lens Focus Ring

- After mounting the lens onto the adapter, turn the focus ring to the infinity ( $\infty$ ) position.
- For lenses with an extended focus travel, adjust it in advance based on the actual shooting distance to ensure accurate response to camera focus commands.

# 2.Important Usage Reminders

## 2.3 Match Lens Data and Aperture Values

The adapter cannot directly control or read the lens focal length and aperture values. When shooting, you must manually adjust the aperture ring on the lens body. It is critical to use lens data that precisely matches the actual focal length and maximum aperture of the lens to ensure system compatibility.



### 2.3.1 Manual Aperture Control

- Adjust the physical aperture ring on the lens for shooting.
- The camera's aperture dial can set the corresponding value.



### 2.3.2 Custom Lens Information

- Use the Megadap Custom Tool software to input details (name, focal length, aperture) for up to 4 lenses.
- These parameters sync to the camera and are automatically written into the photo's EXIF metadata.



### 2.3.3 Aperture Value Synchronization

- ensure the visual scale on the lens aligns with the camera aperture value.
- You can set the camera aperture value via the aperture dial.



**Note:** The actual aperture of the lens must be completely consistent with the camera's aperture value (e.g., F1.4). Any discrepancy will significantly impact the autofocus speed and focusing accuracy, potentially causing hunting or misfocus issues.

## 2.Important Usage Reminders

### 2.4 Switching Lens Data



**Mode Preparation:**Before entering lens switching mode, set the camera to Manual (M) or Aperture Priority (AV) mode.



**Data Configuration:**Press and hold AF/MF switch. for 3s. Use the aperture dial to select A2.2/B2.5/C2.8/D3.2 for the preset lens, then take a photo to save the data set.



**System Reset & Completion:**Turn off the camera, wait for the adapter to retract to the lowest point (or 5s), then restart the camera to finalize the lens data switch.

### 2.5 Confirm Lens Data Switch



**Playback Information Check:**In the playback menu, enable "7" in "Playback Information Display Settings". After shooting a test photo, enter playback mode and press the INFO button to cycle through and verify the displayed lens information matches the preset.



**Live View Display Configuration:**In "Shooting Information Display", set the camera to overlay the current lens focal length directly on the shooting screen. This allows for real-time confirmation of the active lens data during composition.

**NOTE:**A/B/C/D lens groups correspond to aperture codes F2.2/F2.5/F2.8/F3.2 respectively. These values are only preset codes for switching lens data on the camera body and do not represent the actual physical aperture value of the lens. For detailed operational explanations and troubleshooting steps, please refer to pages 19-21 of the official user manual.

## 2.Important Usage Reminders

### 2.6 Core Operations of the AF/MF Multi-function switch



#### 01 Single-click to Switch Modes

Single-click the button to switch the adapter between AF (Auto Focus) and MF (Manual Focus) modes. After switching to MF mode, the adapter will automatically retract to the infinity position (lowest position), ensuring a stable starting point for manual focusing operations.



#### 02 Double-click to Trigger Macro

Double-click the button in MF mode, the adapter will fully extend to enter manual macro mode. Adjust the focus ring to the closest position to achieve the maximum macro shooting effect. To exit, simply single-click the button again to switch back to the default AF mode seamlessly.



**2.7 Other Problem Guidance:**For troubleshooting, error code interpretation, or advanced operational details, please refer to the official user manual appendix or visit the support website to watch the complete official operation video tutorials.

## 3.M2RF Default Data Settings

Factory presets include classic lens data from Leica, Zeiss, Voigtlander, etc. You can also customize lens data to match your specific equipment for optimal performance.

Lens Code	Focal Length	Aperture Value 1	Aperture Value 2	Aperture Value 3	Aperture Value 4	Lens Name
A (F2.2)	50	1.4	2.0	2.8	4.0	Leica Summilux-M 50 f/1.4 ASPH.
B (F2.5)	35	2.0	2.8	4.0	5.6	Leica Summicron-M 35 f/2 ASPH.
C (F2.8)	25	2.8	4.0	5.0	5.6	ZEISS Biogon T* 2.8/25 ZM
D (F3.2)	50	1.2	1.4	2.0	2.8	Voigtlander 50 mm/1:1.2 Nokton aspherical II



**Note:** When setting custom lens data, it is recommended to enter the 4 aperture values in ascending order to ensure accurate exposure calculations and optimal system compatibility.

# Megadap M2RF Custom Tool – Custom Lens Data

The screenshot shows the 'Megadap M2RF Custom Tool' interface. At the top, there are window control buttons (red, yellow, green) and the title 'Megadap M2RF Custom Tool'. Below this, there are several buttons: '简体中文' (Simplified Chinese) with a dropdown arrow, '帮助' (Help), '保存到转接环' (Save to adapter ring), and '退出' (Exit).

On the left side, there are four configuration fields:

- 设备型号 (Device Model): Megadap M2RF
- 设备序列号 (Device Serial Number): A1MR25B23SN00001
- 固件版本 (Firmware Version): 1.1.3
- 默认镜头 (Default Lens): Lens A

On the right side, there is a status log window with the following text:

```
检测到 1 个 M2RF 设备 (共 5 个串口)
正在自动连接...
自动连接成功
DataStructureManager: 成功连接到串口: /dev/cu.usbmodemM2RF359445431
SaveToAdapter 按钮已启用
```

At the bottom, there is a table for lens configuration:

Lens	焦距 (mm)	光圈	光圈	光圈	光圈	镜头型号
A(F2.2)	50	F1.4	F2.0	F2.8	F4.0	Leica Summilux-M 50 f/1.4 ASPH.
B(F2.5)	35	F2.0	F2.8	F4.0	F5.6	Leica Summicron-M 35 f/2 ASPH.
C(F2.8)	25	F2.8	F4.0	F5.0	F5.6	ZEISS Biogon T* 2,8/25 ZM
D(F3.2)	50	F1.2	F1.4	F2.0	F2.8	Voigtlander 50 mm/1:1.2 Nokton aspherical II



Note: The Megadap M2RF Custom Tool can be downloaded from the official Megadap M2RF documentation package or the official Megadap website. When configuring custom lens data, it is recommended that you enter the four sets of aperture values in ascending order.

## 4.Resource Download: Videos and Manuals

For lens data update and configuration, please refer to the manual and operation videos. We provide detailed video tutorials in Chinese and English, as well as complete Chinese-English manual download channels for you to get started quickly with the Megadap M2RF device.



### Chinese Version Video



链接：

<https://www.bilibili.com/video/BV1yn5g6zEWK/>



### English Version Video



链接：

<https://www.bilibili.com/video/BV1mV5g65ETs/>



### Manual Download



链接：

<https://www.megadap.com/megadap-m2rf-chinese-english-manual-中英文说明书/>

## 4.Resource Download: Megadap M2RF Official Resource Package



### Baidu Netdisk Link

Link:

<https://pan.baidu.com/s/1Iny2UEMq7C7G4KRiOlh5Qg>

g

Extraction Code: db4k



### OneDrive Link

Link:

<https://1drv.ms/f/c/b9ccc3013a8cd0fd/IgDTG6gTyA-Tb-TPowTI9i4AV8WU3cUHajEuVMIH1wXbtc?e=rZYymc>



### 01. Chinese-English Manuals

Comprehensive bilingual documentation covering product features, quick start guides, and operational specifications for global users.



### 02. Operation & Demo Videos

Visual tutorials demonstrating software operations, firmware updates, and practical application scenarios to enhance user understanding.



### 03. Custom Tool Software

Official M2RF management suite for parameter configuration, and device diagnostics, compatible with Win/macOS.



### 04. Multilingual Promo Videos

High-quality promotional content in multiple languages showcasing product aesthetics, performance advantages, and real-world use cases.



### 05. HD Visual Assets

Professional-grade, watermark-free product photography, scene shots, and UI elements optimized for print and web platforms.



### 06. Detail Page Source Files

Source PSD/HTML files of Chinese-English product detail pages for easy localization, channel distribution, and secondary development.

## Contents of Megadap M2RF Official Resource Package

1	2	3	4	5	6
<b>Chinese-English Manual</b>	Adapter & Software Operation Videos	Megadap Custom Tool Software	Chinese-English Promotional Videos	Official Adapter Images	Chinese-English Product Detail Pages
<b>1. Megadap M2RF Manual (Chinese &amp; English)</b> <b>2. Megadap M2RF Adapter User Guide</b>	1. Megadap M2RF Operation Instructions Video 2. Megadap M2RF Chinese Operation Guide Video	1. M2RF Custom Tool for Mac 2. M2RF Custom Tool for Windows	1. Megadap M2RF Promotional Video (No Subtitles) 2. Megadap M2RF Promotional Video (Chinese) 3. Megadap M2RF Promotional Video (English)	1. 8 Mounted Adapter Photos 2. 13 Adapter Display Photos	1. Megadap M2RF Product Detail Page (English Source File) 2. Megadap M2RF Product Detail Page (English JPG) 3. Megadap M2RF Product Detail Page (Chinese Source File) 4. Megadap M2RF Product Detail Page (Chinese JPG)

# Thank You

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We hope this guideline helps you get started with the Megadap M2RF adapter smoothly.  
If you encounter any questions during use, please feel free to contact our technical support team.