

PACKAGE CONTENTS 1

Verify that you received the following items:

- User manual
- Camera remote control with usb cable
- Cable clamp

DEVICE OVERVIEW 2 & 3

The remote control fits your Canon EOS DSLR's USB port, and is designed to control focusing during Video recording, as well as many other camera functions in Video and Photo modes.

Your camera's HDMI port is left free for connection to an external monitor for use with the Live View function.

1. ON / OFF switch
2. FOCUS knob
3. FOCUS LIMIT SPEED dial
4. FOCUS MODE switch (variable or fixed)
5. REC/ TOP or SHUTTER button
6. DIGITAL ZOOM and FOCUS MEMORY 2 button
7. AUTO FOCUS button
8. LIVE VIEW and FOCUS MEMORY 1 button
9. LED INDICATOR (remote on-line , recording , focus speed setup, remote batteries charge)
10. PHOTO LED
11. VIDEO LED
12. MEMORY 1 LED
13. MEMORY 2 LED
14. USB cable - extended length 50cm (19.6")
15. Battery holder (2 AAA NiMH rechargeable batteries or 2xAAA alkaline batteries - battery life up to 10/12 hours; **batteries not supplied**)
16. Clamp range: round tube/pipe/bar with diameter between 12mm (0.47") and 23mm (0.90")

FEATURES

- 3-step, ultra-precise focus speed
- Fixed or variable focus control modes
- Customizable focus speed limit
- Focus Memory settings
- Live View control
- Auto Focus control
- Live View Digital Zoom control
- Video recording start/stop
- Photo shutter release
- Remote control battery status
- Customizable focus direction
- Recording LED
- Video and Photo LED
- Versatile clamp: fits round tubes/pipes/bars between 12mm (0.47") and 23mm (0.90") in diameter

COMPATIBLE CANON CAMERA MODELS

EOS 5D Mark II
EOS 1D Mark IV
EOS 7D
EOS 60D

EOS 600D/Rebel T3i/Kiss X5
EOS 550D/Rebel T2i/Kiss X4
EOS 500D/Rebel T1i/Kiss X3

Check the chart on the Manfrotto Web site for updates and new compatible cameras

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Attaching the remote control to your camera support

- Switch the camera and remote control off

- Insert the batteries, fig. 4

- Attaching the remote control to your camera support

a) Clamp to Symplo system solution (couple the adaptors included with MVA518W), fig. 5

b) Clamp to Video/Photo head, fig. 6

- Plug the remote control's USB cable into your camera's USB AV-OUT camera connector

- Ensure the USB connectors also properly connected to the remote control

- Switch both the camera and remote control on

When you switch the camera on, the controller first calibrates the neutral position of the focus knob. The LEDs light up to indicate this is underway. You should not move the focus knob during the calibration process. Once calibration is complete (approx. 2 seconds), all LEDs will switch off and you can start using the controller.

If LED indicator (9) flashes very quickly, it means communication has been lost with the camera. In this case:

- check the USB cable connections to camera and controller
- switch off both controller and camera
- switch on both controller and camera

- When Video (11) and Photo (10) LEDs flash 3 times together time, it means the controller's batteries are flat and should be changed or recharged, you have approximately 20 minutes working hours left

- The remote control goes in stand-by mode after 2 minutes when: the camera switches off, usb cable is disconnected, none command is required from the remote control. To wake up the remote push whatever keypad button.

Connecting the remote control to your camera

Note!

- To avoid the risk of damage to electronic circuits in either component, please ensure both camera and remote control are switched OFF before plugging in or removing the USB cable
- We recommend using Canon EF USM lenses, since they offer greater precision and reliability and are quieter during video focusing movements
- This remote control should ONLY be connected to the compatible DSLR cameras listed below, or to a PC for firmware updates

OPERATION

NOTE: function availability depends on the camera and lens used. For example, when in video mode, the EOS7D and 500D won't let Live View be switched on via the remote control, but will allow it to be switched off

Using the Focus Knob

Rotating the focus knob (2) right or left allows control of the camera's focus.

- Switch on Live View. Note for EOS 7D only: in VIDEO mode, you'll need to activate Live View on the camera itself, not via the remote control

Set the Focus Mode (4)

When Focus Mode is set to "variable" (VAR), focus speed increases as the focus knob is rotated to a greater angle.

When Focus Mode is set to "fixed", focus speed is constant, and is determined by the focus speed limit dial

Note: the camera won't accept focus commands from the remote control unless Live View is activated.

Selecting Focus Speed Limit

Turn the Focus Speed Limit dial clockwise to set a higher maximum focus speed; anti-clockwise for slower maximum focus speed
Indicator LED (9) shows the current speed:

One blink = speed 1 (slow)

Two blinks = speed 2 (medium)

Three blinks = speed 3 (high)

Customizing focus direction

To change focus direction, proceed as follow:

- Switch the remote off. (It doesn't matter whether the Camera is on or off)
- Press the "Auto Focus" button and, without releasing it, switch the remote on.

- Wait for the M1 and M2 LEDs to turn on and off.

- Release the "Auto Focus" button.

The whole operation takes about 6 seconds.

The new focus direction information will be stored in the controller's internal flash memory until manually changed again, so the new direction setting will apply even after switching the remote off and on again.



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Live View

Press the button once to activate the camera's Live View function. Press again to deactivate it.

Note: when in video mode, the EOS7D won't let Live View be switched on via the remote control, but will allow it to be switched off

Auto Focus

Press the button once to activate the camera's auto focus function




Note: the remote control's Auto Focus command won't work if the camera lens is set to MF (Manual Focus)

Digital Zoom

With Live View activated, press the button once to zoom in to x5, once more to zoom in to x10, and a third time to switch off Live View's digital zoom

Rec / Shutter

To switch between Video and Photo modes, keep the REC/Shutter button pressed for at least 4 seconds (with the remote control switched on); The Video or Photo LED will show which mode is currently active.

- When in Video mode , this button controls recording start/stop. Press the REC/Shutter button once to start recording, and again to stop recording.
- The LED indicator  flashes once a second while the camera is recording.
- **Note: set video mode on the camera's main mode dial if it has this setting! (eg Canon 60D)**
- When in Photo mode , this button controls shutter release. Press the button once to take a photo.
- **Note: the way the shutter release functions also depends on whether the camera lens is set to Auto Focus or Manual Focus**

Focus Memory

- **Set the Focus Mode like Fixed speed FOC 1F, FOC 2F, FOC 3F**

- Select the focus speed to use during focusing

- Choose the focus position by turning the main focus knob (2)

- Keep the LV button pressed for at least 2 seconds in order to set the first focus distance, which the system will store as M1 (focus memory 1). The M1 LED will switch on, and the M2 LED will start to flash.

- Select a second focus point by turning the main focus knob

- Keep the Zoom+ button pressed for at least 2 seconds in order to set the second focus distance, which the system will store as M2 (focus memory 2). The M2 LED will stop flashing and show a constant light.

You can also set Focus Memory points starting from M2. Keeping either LV or Zoom+ button pressed for 2 seconds to store a new focus memory point automatically deletes the old memory point from the remote control's memory.

With M1 and M2 LEDs both lit, focus distances are limited by the two memory settings. Maximum focus speed is limited by the Focus Speed Limit dial.

The system erases M1 and M2 settings (and switches off the M1 and M2 LEDs) when the Focus Speed Limit is changed, when the AF function is used, or when the remote control is switched off.

It doesn't erase them if the DSLR is switched off or if Live View is deactivated

Note: Current camera functionality, lens quality, and the impossibility of getting feedback on focus movement from the lens, mean that the Focus Memory feature may occasionally skip a few intermediate steps during focusing. For the same reasons, the remote can't recognize when:

- the focus overlap the focus lens end stops
 - any manual change to the lens's focus or zoom (by twisting the lens itself)
- In these case the remote controller's memory points lose accuracy and will need to be re-set or deleted.

Updating the remote control unit's firmware

Check the Manfrotto website for update notices and instructions

Troubleshooting

If the connection between the remote control and your DSLR isn't made, please check that...

- the remote control unit is switched on

- batteries in both the camera and remote control are charged
- the USB cable is properly and firmly connected to both the camera and the remote control

If you've checked the above points and the connection between camera and remote control still can't be made, try switching both devices off, removing and reconnecting the USB cable, then switching both devices back on.

As a last resort, try switching both devices off, then remove and reinsert the camera battery before switching on again.

PRECAUTIONS

Water resistivity:

Care has been taken to make the controller as water-resistant as feasible, however we cannot guarantee 100% water-resistance in all circumstances and you should avoid using the controller in heavy weather or environmental conditions like rain or 70%+ humidity.

High temperature:

Avoid temperatures exceeding +70°C, and do not leave the controller exposed to direct strong sunlight for any extended period, e.g. in the car parked in sunny place.

Electrical precaution:

The cable is always one of the most easily-broken elements of an electronic system, especially when subject to mechanical wear. Therefore, to extend the life of your controller and make basic "repairs" as cheap as possible, we designed it to allow for easy cable exchange. However, to avoid accidentally short-circuiting the camera connection, you must remember to always plug the cable into the controller first. We advise you not to remove the cable from the controller unless absolutely necessary.

OPERATING SPECIFICATIONS

Operation temperature range -10°C (14°F) + 60°C (140°F)

Storage temperature range -20°C (-4°F) + 70°C (158°F)

Humidity rel. (non-condensing) max. 70%

DISCLAIMER

The information contained in this document is subject of change without notice. Manfrotto makes no warranty and shall not be liable for any errors on information contained in this document. Canon trademarks are the property of their owner.

DECLARATION OF CONFORMITY

Compliance for Europe

Marking by the CE symbol indicates compliance of this system to the applicable Council Directives of the European Union

FCC Class B Information

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

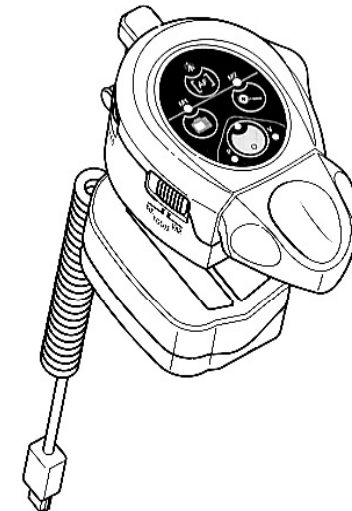
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Any changes or modifications not expressly approved by Manfrotto could void the user's authority to operate this equipment

ICES-003/NMB-003 Statement

Cet appareil numérique de la classe B est conforme à la norme ICES-003 du Canada.

This device complies with Canadian ICES-003 Class B.



INSTRUCTIONS

MVR911ECCN

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