

# FREEWAVE PLUS

WIRELESS SHUTTER RELEASE

## USER MANUAL



## INTRODUCTION

Thank you for choosing the Vello FreeWave Plus Wireless Remote Shutter Release. This device triggers your camera in either wired or wireless mode, allowing you to trip the shutter without disturbing the camera. It's ideal for taking pictures of subjects that are difficult to approach, such as wildlife. It also eliminates vibrations caused by pressing your camera's shutter release button during macro, close-up, and long-exposure photography. The four-second delay function is great for self-portraits.

The FreeWave Plus does not require line-of-sight alignment, as its radio waves pass through and around objects such as walls, windows, and floors. You can even trigger your camera around corners.

The FreeWave Plus uses the 2.4 GHz wireless frequency for extended range and reduced interference.



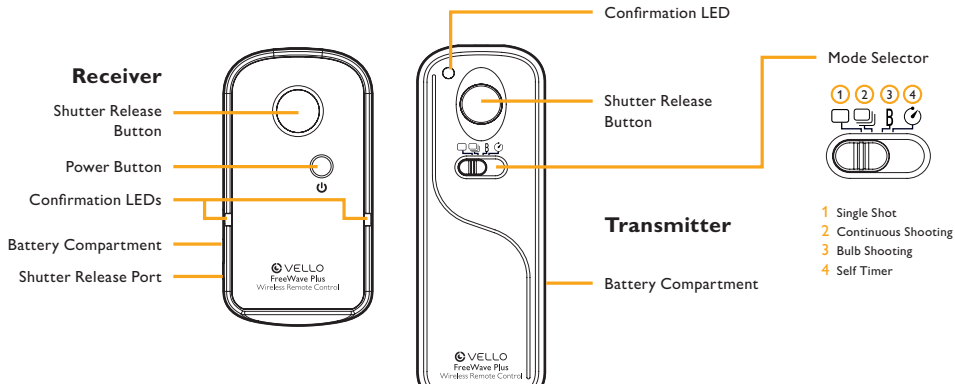
***Your Vello FreeWave Plus  
Wireless Remote Shutter Release  
Kit contains:***

*Wireless Transmitter  
Wireless Receiver  
Shutter Release Cable(s)  
4 AAA Batteries  
Wrist strap*

## SAFETY WARNINGS

- There are no user-serviceable parts inside the devices. Do not attempt to disassemble or perform any unauthorized modifications.
- Do not operate the FreeWave Plus in the presence of flammable gases or vapors.
- Observe caution when handling batteries. Batteries may leak or explode if improperly handled. Use only the batteries listed in this manual. Make certain to align batteries with correct polarity.
- Do not handle with wet hands or immerse in or expose to water or rain. Failure to observe this precaution could result in fire or electric shock.
- Keep out of the reach of children. This device contains small parts which may pose a choking hazard.
- Batteries are prone to leakage when fully discharged. To avoid damage to the product, be sure to remove the batteries when leaving the product unattended for prolonged periods or when no charge remains.
- Do not use or leave the devices in conditions of extreme heat, severe cold, or high humidity.
- Turn off the camera's power before inserting or removing the remote cord.
- Dispose used batteries, packaging, and old devices in accordance with appropriate local environmental regulations.
- All images are for illustrative purposes only.

## FEATURES DIAGRAM

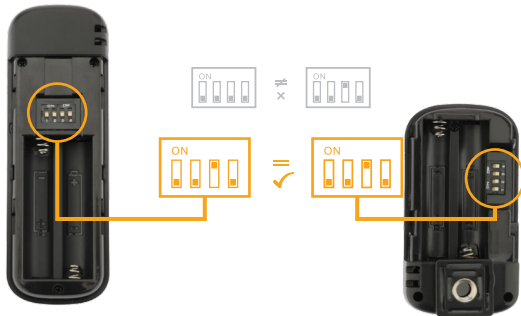


## SETTING THE DEVICE CHANNEL AND INSERTING THE BATTERIES

Set the DIP switches located in the battery compartments of the Transmitter and Receiver. The DIP switches set a different radio frequency (channel) for each Transmitter/ Receiver pair to prevent radio interference.

Use any combination of the DIP switches so long as both the Transmitter and Receiver are set to the same position. There are a total of 16 available combinations.

Insert 2×AAA batteries into the transmitter and receiver.



## POWERING ON & OFF

**Turn ON the Receiver:** Press and hold the **Power** button for 2 seconds. The LEDs will flash red at 2 second intervals to indicate that the receiver is working.

To power down after use, Press and hold the **Power** button for 2 seconds. The LEDs will flash 4 times in quick succession to indicate that it is powering off.



There is no need for a power button on the transmitter. The Transmitter is always ready to fire and uses power only when you press the focus/shutter release button.

***Press and hold the Power button for 2 seconds to power up the Receiver.***

## MOUNTING THE RECEIVER

If using the FreeWave wirelessly, mount the Receiver on your camera's hot shoe, facing forwards or backwards.

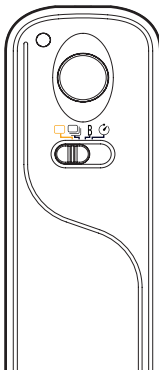
If your camera's hot shoe is in use, you can mount the receiver to a bracket or cage via its mounting foot or 1/4-20 socket.

With your camera and Receiver OFF, connect the shutter release cable's sub-mini plug end to the Receiver, and the other end to your camera's shutter release jack. Power up your camera and Receiver.



## SINGLE SHOT MODE

1. Set the Transmitter and camera to **Single Shot mode**.
3. Press the Transmitter's shutter release button halfway to wake or focus your camera (if set to Auto Focus). The LED will turn blue.
4. Fully depress the shutter button to take the photograph. The LED will flash red and the shutter will be triggered.



## CONTINUOUS MODE

1. Set the transmitter to **Continuous Shooting**.
2. Press the Transmitter's shutter release button halfway to wake or focus your camera (if set to Auto Focus). The LED will turn blue.
3. A full press of the Transmitter's shutter button will trigger the camera to take continuous photos at 1 second intervals until you release the shutter button.

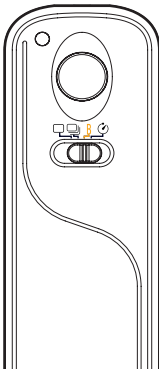


### To access your camera's fastest drive speed:

1. Set the Transmitter to Bulb Shooting, and your camera to **Continuous Shooting** mode.
2. Press the Transmitter's shutter release button halfway to wake or focus your camera (if set to Auto Focus). The LED will turn blue.
3. Fully depress the shutter button to begin shooting. The LED on the Transmitter will flash red, and the LED on the receiver will turn solid red. The camera will continue shooting until you press the shutter button a second time.

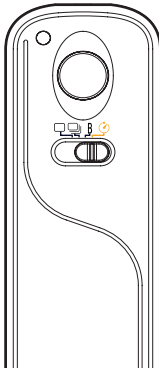
## BULB MODE

1. Set the Transmitter and camera to **Bulb Shooting**.
2. Press the Transmitter's shutter release button halfway to wake or focus your camera (if set to Auto Focus). The LED will turn blue.
3. Fully depress the shutter button to begin the exposure. The LED on the Transmitter will flash red, and the LED on the receiver will turn solid red. The shutter will remain open until you press the shutter button a second time.



## SELF TIMER MODE

1. Set the Transmitter to **Self Timer** mode.
2. Set your camera to the Single Shot setting.
3. Press the Transmitter's shutter release button halfway to wake or focus your camera (if set to Auto Focus). The LED will turn blue.
4. Fully depress the shutter button to take the photograph. The LED will blink red, and the shutter will be triggered after a four-second delay.



## WIRED RELEASE TRIGGER

You can use the FreeWave Plus receiver as a wired trigger and it can be used with the receiver's power turned off.

1. Adjust your camera settings, such as exposure mode, shutter speed, and focus and shooting modes.
2. Press the receiver's shutter release button halfway to focus.

**Note:** *Autofocus is not compatible with back-button focusing on some camera models.*

3. Press the shutter release button fully to take a photo. If your camera is set to bulb mode you need to press the shutter a second time to end the exposures.



## TROUBLESHOOTING

### Troubleshooting

Problems with the FreeWave Plus can usually be traced to the following most common causes. Perform the following steps to diagnose and correct the problem:

- Check that the shutter release cable is in good condition and is properly connected.
- Make sure that the Receiver is powered on.
- Remove the batteries from the Transmitter and Receiver, and change the channel by rearranging the DIP switches to a different combination, taking care to ensure that both the Transmitter and Receiver are set identically.

## FCC COMPLIANCE

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference
2. This device must accept any interference received, including interference that may cause undesired operation.

## SPECIFICATIONS

	Transmitter	Receiver
<b>Power</b>	2 x AAA	2 x AAA
<b>Battery Life</b>	1000 hr.	400 hr.
<b>Dimensions (L×W×H)</b>	3.94 × 1.34 × .63 in. (100 × 34 × 16 mm)	2.7 × 1.5 × 1.02 in. (71 × 38 × 26 mm)
<b>Weight</b>	29 g	25 g
<b>Channels</b>	16 Channels	
<b>Range</b>	320 ft. (100 m) with no obstructions	
<b>Frequency</b>	2.4 GHz	
<b>Confirmation LEDs</b>	Red and blue	
<b>Shutter Modes</b>	Single Shot, 4-Second Delay, Continuous, 1-Second Continuous, and Bulb	

## ONE-YEAR LIMITED WARRANTY

This VELLO product is warranted to the original purchaser to be free from defects in materials and workmanship under normal consumer use for a period of one (1) year from the original purchase date or thirty (30) days after replacement, whichever occurs later. The warranty provider's responsibility with respect to this limited warranty shall be limited solely to repair or replacement, at the provider's discretion, of any product that fails during normal use of this product in its intended manner and in its intended environment. Inoperability of the product or part(s) shall be determined by the warranty provider. If the product has been discontinued, the warranty provider reserves the right to replace it with a model of equivalent quality and function.

This warranty does not cover damage or defect caused by misuse, neglect, accident, alteration, abuse, improper installation or maintenance. EXCEPT AS PROVIDED HEREIN, THE WARRANTY PROVIDER MAKES NEITHER ANY EXPRESS WARRANTIES NOR ANY IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. This warranty provides you with specific legal rights, and you may also have additional rights that vary from state to state.

To obtain warranty coverage, contact the Vello Customer Service Department to obtain a return merchandise authorization ("RMA")

number, and return the defective product to Vello along with the RMA number and proof of purchase. Shipment of the defective product is at the purchaser's own risk and expense.

For more information or to arrange service, visit [www.vellogear.com](http://www.vellogear.com) or call Customer Service at 212-594-2353.

Product warranty provided by the Gradus Group.

[www.gradusgroup.com](http://www.gradusgroup.com)

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