



# ProMediaGear®

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## #VSMDC1, Motor and Controller

### Items Included:

- (1) Motor with 1/4-20 Mounting Hardware
- (1) Controller
- (1) Mini XLR Motor / Controller Cable
- (1) #A12, 7" inch Magic Friction Arm

### Specifications:

Battery Runtime.....Approx. 3-4 hours in VIDEO and CONTIUOUS LOOP Mode

Approx. 8-10 hours in TIMELAPSE MODE

Recommended Operating Temp.....14°F to 158° F (-10° C to 70°C)

Shutter Release Cable.....Canon, Nikon, Sony, Panasonic, Fuji, Available

Controller Dimensions.....3.90 x 6.30 x 1.97 in. inches (100 x 160 x 50mm)

Weight w/ Batteries.....0.80 lbs. (362g)

# Motor Controller Instructions

Thank you for purchasing the VSMDC1 ProMediaGear Motor and Controller. In a few short minutes you will be able to connect and power your 3-Wheel VC2 Carriage. First, we will show you a basic overview of the knobs and ports on the controller.

Electric connector sockets and the power switch are located on the top side of the controller housing as shown below in Fig. 1. Display unit and knobs are located on the front panel of the drive controller as shown below in Fig. 2

- |  |                         |                       |
|--|-------------------------|-----------------------|
| A. Power Switch  | E. LCD Display          | I. Battery Door       |
| B. Mini XLR Motor Input  | F. MODE / INTERVAL      | J. 1/4" Mounting Hole |
| C. Shutter Release   | G. SPEED / JUMP         |                       |
| D. External Power Socket<br><i>(2.5mm x 5.5mm) (6-12v / 1-2 Amp)</i> | H. Mini XLR Motor Cable |                       |

Fig. 1

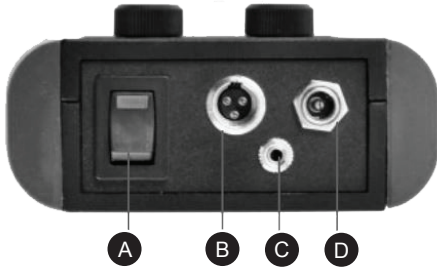


Fig. 2



Fig. 3



Connect the Mini XLR Cable to the Motor and Controller.

NOTE: Align the retaining pin that is located on the motor cable (H) into the socket (B) of the controller.

Fig. 4



Standard 1/4-20 Controller Mounting Thread (J) allows you to mount the motor controller to articulated arm or additional accessories.

Battery door (I) compartment houses (3) AA batteries for ease of use on the go.

\*\* When installing batteries the center battery must be installed last and removed first \*\*

## Mounting the Motor Drive

If the Motor drive is not mounted to the VC2 carriage, or if you purchased the motor drive separately it will need to be mounted.



Mount VSMDC1 to VC2

1. Make sure two anti-rotation pins are inserted into assembly.
2. Insert the supplied screw into the assembly as shown in picture on the left.
3. Tighten the mounting 1/4-20 screw with the supplied 3/16 Allen Key.

Next, mount the carriage and motor onto the track as you have before. The motor is spring loaded and can be pulled back to not touch the track for manual slider shots.



A. To engage the motor first pull back slightly on the barrel shaped motor assembly, (1). Then pull the finger lever away from the carriage, (2). While still holding the finger lever, allow the spring to pull the motor and rubber wheel toward the track and allow the motor to engage with the Slider Track.  
(make sure that STOP KNOB is loose when ready to operate)



Disengaged Motor Drive



Engaged Motor Drive

## Features

- Works with any PMG-DUO Slider w/ 3-wheel carriage.
- Aluminum construction with ball bearing wheel assembly.
- Carriage supports 20 lbs.

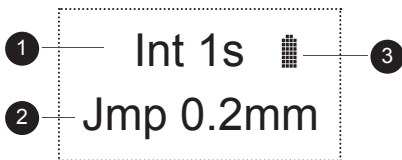
## Interval / Timelapse Mode

### Interval Timelapse Mode

- Setup from 1 sec to 300 sec for each step.
- Each step can range from 0.2mm to 999 mm (.01 inch to 99 inches)
- Runtime, 8-10 hours w/ (3) AA Batteries.
- Controller may be connected to your camera w/ a shutter release cable to trigger your camera when stopped during a timelapse. (accessory cable required)

Designed for timelapse shots synchronized with the movement of the carriage (Motion Timelapse). In this mode, the operator sets the length of the jump and time at which the drive stops, taking a photo without motion blur.

1. Locate the MODE and SPEED knobs in the middle (at 12 o'clock), then turn mode counter-clockwise.
2. LCD will display INT as shown below. Turning Mode further counterclockwise will change the duration of the Int (Interval). Turning the speed knob will set the desired Jump (Jump Value) or distance for each interval.



1. Time at which you want to take a photo
2. Length of jump
3. Battery Level



3. Set desired interval using MODE knob.

Available values: 1, 2, 3, 5, 7, 10, 12, 15, 20, 30, 45, 60, 90, 120, 180, and 300s.

4. Use SPEED knob to set length of jump and direction of movement.

Available values: 0.2 ~ 999mm.

## Continuous / Loop Mode

Designed for smooth, continuous side to side operation. When the carriage encounters the end of the track and "bumps", it will turn around and go the other direction.

1. Locate the MODE and SPEED knobs in the middle (at 12 o'clock), then turn the mode knob clockwise to approximately 2°clock till "LOOP" displays.
2. Start off with the speed at 0 then select your desired speed with the SPEED knob. The sign LOOP will appear on the LCD. The bottom value displays the absolute value or your current speed.



1. Mode: Loop
2. Absolute Speed Value 1 ~ 100.
3. Battery Level



## Video Mode

You're in control! Select the speed and direction of your camera movements.

\*\* Motor will not stop when it hits the end. Wheel will continue to move and needs to be shut off manually. \*\*

1. Locate the MODE and SPEED knobs in the middle (at 12 o'clock), then turn the mode knob clockwise to approximately 4°clock till "VIDEO" displays.
2. Start off with the speed at 0 then select your desired speed and direction with the SPEED knob. You are in full control of the movements.



1. Mode: Video
2. Absolute Speed Value 1 ~ 100.
3. Battery Level



## Slider Maintenance

Check periodically for loose screws and tighten with the included hardware. Wipe down the slider track and carriage with a micro fiber cloth.

## Additional ProMediaGear Items



#CS60  
Slider Quick Release Clamp



#VSL1 / #VSL1M / #VSL1T  
Slider Quick Flip Accessories



\*\* Shutter Release Cable \*\*  
Various Models Available



#HB70  
Handle for Bracket Plates



\*\* Custom Bracket Plates \*\*  
Various Brands / Models Available



#BH1  
Ball Head



#C60  
Arca Type Clamp



#SS2  
Quick Release Strap System



\*\* L-Brackets \*\*  
Universal and Custom Available



#GKJr.  
Katana Junior Gimbal



34-Series Pro-Stix  
Carbon Fiber Tripods



#BBX  
Boomerang Flash Bracket

## Customer Service

Rev 02/18

### ProMediaGear

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