



LIVE AIR 2S

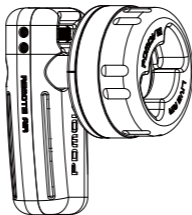
(PDL-AFX/PDL-AFX-R)

Product manual

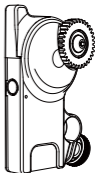
Welcome To Use LIVE AIR 2S



Bluetooth Controller
PDL-TC-AFX



Large handwheel device
REMOTE AIR RIG



Bluetooth Motor
PD-BTMP

Notice For Use

- Before using the product, please read the instructions carefully or watch the tutorial videos to learn how to use the products properly. If there are any direct or indirect adverse effects due to operational errors, PDMOVIE will not assume any responsibility.
- Please do not dismantle, repair or refit the internal structure of the product without authorization. If the product is damaged due to the above improper operation, PDMOVIE has the right to refuse product service.
- If you need technical support or if the product has any problems, Please contact us.

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Configuration List



①

Bluetooth Controller
PDL-TC-AFX



②

Large handwheel
device



③

Bluetooth motor
PD-BTMP



④

Fixed fixture



⑤

Lir2477 Battery



⑥

Li42Bx2 Battery



⑦

Micro USB
Charging Cable



⑧

Charger



⑨

Hot Shoe Clamp



⑩

15MM Pipe



⑪

Inner hexagon spanner
1/4 Screw

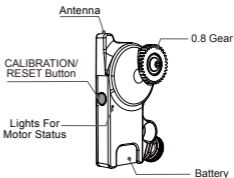
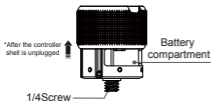


⑫

Lens Gear
Ring

Serial number	Name	PDL-AFX	PDL-AFX-R
1	Controller(PDL-TC-AFX)	1	1
2	Large handwheel device	-	1
3	Motor Mini(PD-BTMP)	1	1
4	Fixed fixture	1	1
5	LIR2477 Battery	1	1
6	Li42Bx2 Battery(3.7V600mAh2.2Wh*2)	2	2
7	Micro USB Charging Cable	2	2
8	Li42B Battery Charger	1	1
9	Camera Hot Shoe Clamp	1	1
10	15MM Pipe	1	1
11	Inner hexagon spanner*1 1/4 screw*2	1	1
12	LENS GEAR RING	1	1

PDL-AFX/AFX-R Instruction Manual



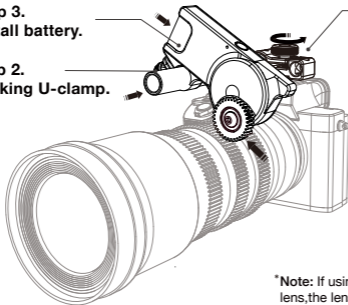
1. Install Motor

Install the motor on the 15mm rod and make sure the motor gear matches with the lens gear. (If install on DSLR Camera lens, please use the camera hot shoe clamp.)

Step 3.
Install battery.

Step 2.
Locking U-clamp.

Step 1.
Install the motor on 15mm rod.



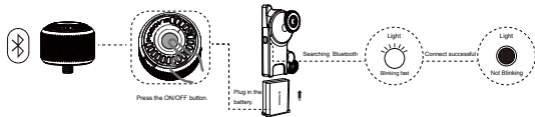
*Note: If using a DSLR camera lens, the lens will need a 0.8 lens zip gear in order to fit with the motor gear.

2. Turn on the Bluetooth controller and motor

Press the ON/OFF button on the Bluetooth controller for three seconds until the indicator light powers on. The motor will turn on automatically when the battery is inserted.

3. Bluetooth Connection

When the controller and motor are turned on at the same time, Bluetooth will be paired automatically, and the indicator light flashes quickly. After successful pairing, the indicator lights of the controller and the motor are always on. After the controller is turned on for 60 seconds, it will stop searching for Bluetooth without pairing. If the pairing fails, you need to restart the Bluetooth search function of the controller. (Restart the Bluetooth search function of the controller/pair a new motor: make sure that the controller and the motor have been activated, and then see Table 2-④)



*1. The recommended control distance of the controller is about 100 meters, although the actual control distance can be affected by environmental factors.

2. In an environment with strong signal interference, the motor and controller will occasionally be disconnected. It is recommended to shorten the operating distance. After the signal returns to normal, the motor and controller will automatically restore the connection.

4. Calibration

(1) Press the ON/OFF button of the Bluetooth controller once, then press it again and hold until the motor rotates.

(2) Press and hold the button on the bottom of the motor for three seconds until the motor rotates.

(1) Press the button once, then press it again for three seconds.

Bluetooth controller



(2) Press the button for three seconds.

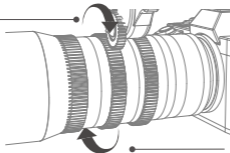


Motor

(3) Manually calibration:

- When the motor gear and the lens gear are completely connected, turn the lens to the starting point and hold for 0.5 seconds.
- Then turn the lens ring to the end and hold for 0.5 seconds.
- Finally, turn the lens ring slightly to the middle, Calibrate done. **(It is recommend that you use manual calibration when using a DSLR camera lens)**

- (1) Turn the lens ring to the starting point and hold for 0.5 seconds.



- (2) Turn the lens ring to the end and hold for 0.5 seconds, then turn the lens ring slightly toward the center.

5. Charging instructions

- The controller is plugged into the charging cable, and the controller battery is charged via usb 5v. (See the picture below-1)
- The motor battery charge 1 charge 4 charging device, through the usb 5v to charge the motor battery. (See the picture below-2)

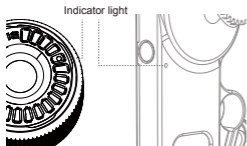


- Lights For Charger Status
- During charging, the light is purple.
- When the charging is finished, the light is white.



- Lights For Charger Status
- During charging, the light is red.
- When the charging is finished, the light is green.

Table 1 The color of the indicator light



The color of the indicator light





The color of the indicator light	Residual electricity
WHITE	 100% - 75%
GREEN	 75% - 50%
YELLOW	 50% - 25%
RED	 25% - 0%

Table 2 Bluetooth controller Instruction of button












Number of clicks on the buttons	Function
① 	ON/OFF
② 	A-B Focus Limits
③ 	Auto Calibration
④ 	Bluetooth Pairing
⑤ 	Motor Direction
⑥ 	MODE FOCUS \longleftrightarrow ZOOM
② Press once to set point A, press the second to set point B, press the third time to start the automatic operation of point AB, press the fourth time to cancel the automatic operation Run, cancel point AB. (*The speed of automatic operation increases or decreases linearly according to the rotation angle of the knob)	

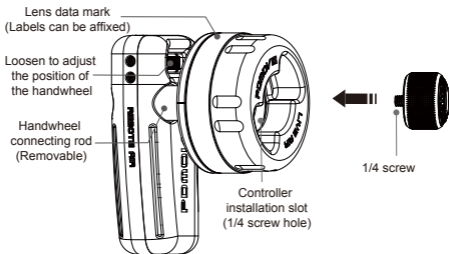
Table 3 Motor Instruction of button

Number of click on the buttons	Function
① 	Calibration Lens Stroke
② 	Restore the lens stroke when power off / Remove the lens stroke
③ 	Switch Motor Rotate Direction
④ 	Turn on the Bluetooth
⑤ 	Lens control mode change to slider/turtable control mode
② Cancel the calibrated stroke: when the motor have a stroke, Press the button four times to clear the motor stroke. Restore lens stroke: If the motor need to change battery, press the button for 4 times to restart the previous trip after restarting.	

REMOTE AIR RIG Installation note

1. Installation

First install the Bluetooth thumb wireless controller into the slot of the REMOTE AIR RIG large handwheel extension device (*must be inserted to the end). Then turn the controller clockwise until the controller can't rotate, that is, the installation is complete.



2. Disassembly

First, turn the Bluetooth thumb wireless controller counterclockwise to the limit of the controller, and then apply a little force to continue to rotate the controller counterclockwise until the 1/4 screw of the controller is completely out of the large handwheel slot, then you can pull out the controller .

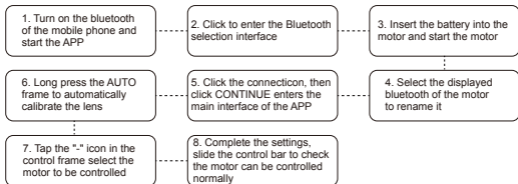
REMOTE AIR APP

1.APP download

- Users can use APP to connect and control up to 6 Bluetooth motors.
- Search for PDMOVIE or REMOTE AIR in the Apple App Store to download.
- Log in to the official website www.pdmovie.com with your mobile phone, and enter the APP download page of technical support to download and install the APP. (APP currently only supports IOS system)

2. Connect

Before APP Bluetooth connects to the motor, please make sure that the controller is turned off. And make sure that the APP is not running in the background. The specific connection steps are as follows:



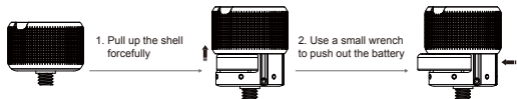
- If you need to connect multiple Bluetooth motors, repeat steps 3 and 4.

- Step 6: Automatically calibrating the lens stroke can also be replaced by manually calibrating the lens stroke for calibration.

- For more about APP functions, please enter the APP SET interface and enter the HELP item to view more detailed graphic tutorials.

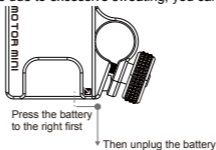
Battery replacement instructions

When the controller replaces the battery, you need to pull up the shell to see the battery compartment. Before pulling out the shell, first fix the controller to any object with 1/4 screw hole by 1/4 screw. Then pull up the casing forcefully and use a small wrench to push out the battery.



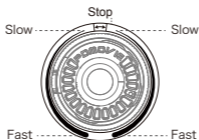
Unless you encounter force majeure factors such as battery damage and drastically reduced battery life, it is not recommended to replace the controller battery frequently. When replacing the battery, please check whether the positive and negative directions of the battery are correct, and then insert the battery.

To replace the battery of the motor, you need to press the battery to the right first, and then pull it out. (Refer to the direction of the laser indicator on the lower right of the motor.) If the battery is difficult to access due to excessive sweating, you can use a power sticker to help remove the battery.



Notice

- Stop calibration: the motor jumps teeth during the automatic calibration process, which causes the phenomenon of non-stop rotation. You only need to click once of the motor button to terminate the calibration;
- When the rotation stroke of the motor does not match the calibrated stroke, please check whether the indicator light of the Bluetooth controller is flashing blue and the current battery color alternately. If the above state appears, it means that the controller has set the stroke of point AB Limit, you need to short press the controller button to start AB automatic operation, and then short press again to cancel the automatic operation and cancel the AB point stroke limit.
- The controller defaults FOCUS mode. If it is switched to ZOOM mode, it will be equally divided based on the rotation of the wheel 300 degrees, and the middle 10 degrees is the static position. Turn to the left to advance forward, and turn to the right to advance backward. The advancing speed is adjusted linearly according to the angle of rotation.



*ZOOM mode needs to be used with ZOOM RIG accessories.

- The motor defaults to the lens control mode. For example, after switching to the electric slide/pan/tilt mode, when the motor starts without Bluetooth connection, it will automatically calibrate the stroke and run automatically in a constant speed cycle.
- Regarding battery maintenance: When the product is not used for a long time, it is recommended to check the power of the device every other month to ensure that the battery has sufficient power; when the device is in a low or no power state for a long time, the battery capacity will decrease.

LIVE AIR 2S

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