

PDL & PDL-HT QUICKSTART GUIDE

PD Movie Remote Live & PD Remote Live High Torque



What's Included

- 1 x Multi-control Handgrip
- 1 x Follow Focus Motor (Check One)
 - Standard
 - High-Torque
- 1 x Motor Drive Cable
- 1 x Adjustable Pan Handle Clamp
- 1 x Charger
- 1 x 15mm/19mm Adapter Ring
- 1 x Soft-Sided Case w/ Laser Cut Foam Inserts

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Getting to know your PDL Remote Live

The PD Movie Remote Live (PDL) is a self-contained multi-control handgrip and motor system for lens control on both cinema and EF camera lenses that interfaces easily with different cameras and rigs. The aluminum unibody design features an adjustable ergonomic grip and digital motor. The mechanical range of your lens is calibrated using an easy one-push function to store lens parameters, i.e., focus, iris and zoom.

A secondary A-to-B stop can be set for operating within a chosen range of parameters. The hardwired motor drive cable provides little to no rotational latency. Two control modes change the motor speed: one for slow-ramped focus action, and another for faster, larger rack focus. The PDL comes with a 0.8 gear motor drive. Additional drive gears available: SKU: PD-GEAR-KIT.

The clamp is equipped with multiple rosettes for a variety of mounting options, e.g., left/right hand control, shoulder, jib, and gimbal.

The PDL kit includes integrated 10-hour battery power, 24" motor control cable, standard torque motor with both 19 mm and 15 mm rod mount options, and a laser-cut soft case for safe transport.

Special Features

Multiple Mounting Options: The hand control unit is designed for multiple mounting options for a variety of shooting environments, e.g., left/right hand control, shoulder, jib, and gimbal. The clamp adapts to a range of 14-40 mm. (See second to last page photo PDL-F02 for multiple mounting options).

Integrated Handgrip Battery: The lithium-ion battery is integrated into the handgrip — one less accessory to add to your rig — and provides up to 10 hours of operation and 20 hours of standby power.

Multiple Control Modes: Whether you are rack-focusing on the fly or doing very precise moves, the A-B stop feature will help you hit your marks. Two modes of operation provide a speedy motor move or a slower, ramped move.

One-Push Mapping: The system features automatic lens calibration and can map virtually any cinema style lens right out of the box. The two included motors deliver professional grade performance, critical when shooting with high-end cinema glass and greater lens torque.

Aluminum Unibody Design

Integrated Battery/Grip

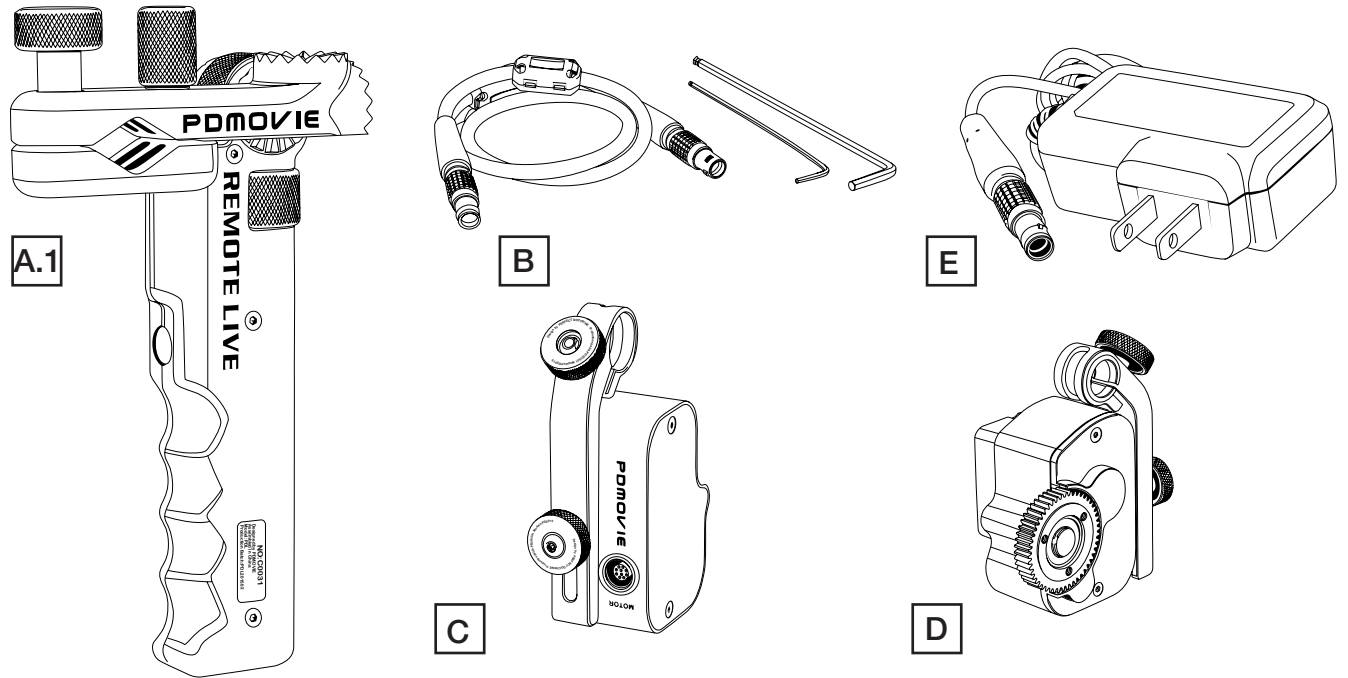
Digital Motor

Easy One-Push Primary Calibration

Interfaces Easily with Different Cameras and Rigs

Adjustable Rounded Ergonomic Grip

What's Included

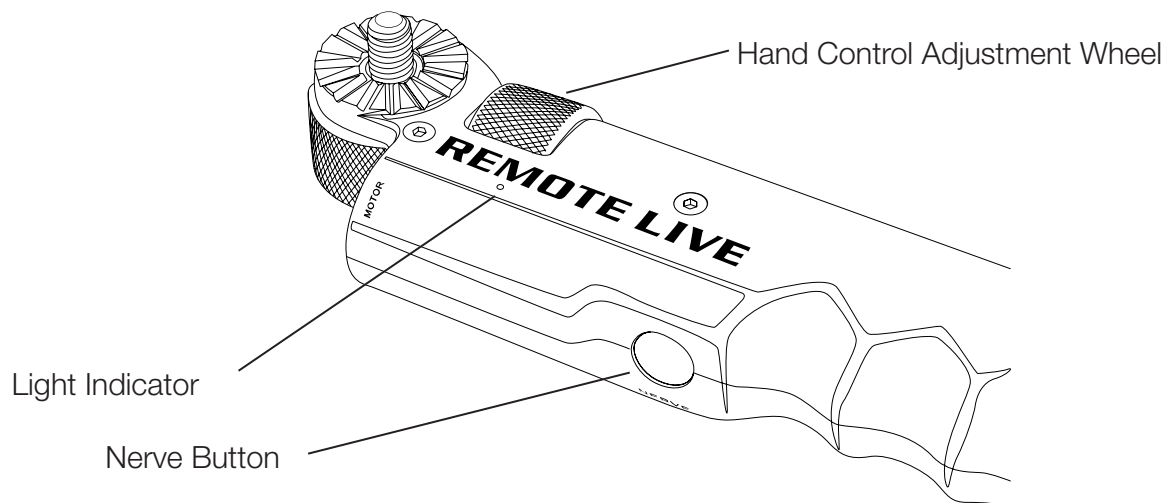


A	Remote Live Handle	
A.1	Clamp for PDL Handle	Fits sizes between 14-40mm
B	Cable, M2 & M4 Allen Keys	M2 & M4 Keys (required to adjust orientation)
C	Standard Motor	PD-MTR
D	High-Torque Motor	PD-HTMTR (30% More Power than Standard)
E	Power Cord	PD-CBL
F	15mm to 19mm Step-Down Ring	PD-RNG
G	Drive Gears .4, .5, .6	PD-GEAR-KIT (Optional Accessory)



When Mounting/Installing the PDL Remote Live

1. Loosen the hand wheel on top of the handle, then rotate the clamp to the proper angle for which you want the PD Live to be mounted. In a clockwise or counterclockwise direction, fasten the hand wheel until the PD Live is snugly mounted in place.
2. You can mount the PD Live in multiple positions by utilizing the multiple rosettes and by making simple adjustments to the clamp. To adjust the clamping positions, manually unscrew the nuts on both ends of the clamp simultaneously; expand the inner diameter of the clamp, and affix it to the desired equipment. The clamp can be expanded from 14 mm to 40 mm for mounting, and is equipped with multiple rosettes for a variety of mounting options, such as: left OR right hand control, shoulder, jib, and gimbal. You can also use an index finger or a thumb to adjust the hand control.
3. The M8 internal holding screw on the top of the handle can be extended to both sides using the M2 Allen key (in the parts package) to loosen it. Then use the M4 Allen key to adjust the M8 holding screw to the proper direction.
4. When installing the unit onto video gear, place the lens ring in the middle of the focus range, so that it is not close to either hard stop. Insert the drive gear, interlocking the teeth of the lens gear and motor gear. Connect the 10-pin motor control cable, and run the other end to the top of the handle.
5. Power up the unit by pressing the ON/OFF button continuously until the blue light on the hand control is illuminated.



6. To set up the Primary Lens Calibration, press and hold the Nerve button (located on the handle). After three seconds, the motor will automatically begin to search for the mechanical limits of the lens, and then will return to the middle position of the lens. After it has searched the limits of the lens, you may operate the thumb wheel to control the lens.
7. There are two modes of operation. Upon startup and calibration the lens motor will operate in Standard mode. To change to Ramp mode, press the Nerve button seven times, and the light will flash yellow to indicate a mode change. In Ramp mode the speed of the motor is slower, and it will ramp or “feather” the ends of the focus or the motor movement. To return to Standard mode, press the Nerve button seven times. The indicator light will blink when the mode has switched. (See figure PDL-F01 on reverse of next page).
8. The PDL and PDL-HT motors are equipped with a .8 gear. Optional additional gears available. (PD-GEAR-KIT).

Battery Level and Corresponding LED Display

Status	Capacity	LED
Normal Operation	75%-100%	White
	50%-75%	Green
	25%-50%	Yellow
	Below 25%	Red
Charging	Currently Charging	Purple

* 4-6 Hours for full charge

Important Notes

1. Allow the product to charge fully before use.
2. Carefully clamp the lens with the motor cog-wheel.
3. If the LED is red it indicates the battery is low; recharge immediately.
4. The product contains a lithium-ion battery. DO NOT attempt to dismantle the shell; doing so could result in damage to the cell or other dangers.

Button & Interface	Function	Operation Instruction		
ON/OFF	Start-Up	Press and hold for two seconds; do not release until blue light goes on.		
	Shutdown	Press and hold for two seconds; do not release until red light appears.		
Nerve	Primary Lens Calibration	Press and hold for three seconds; do not release until lens rotates.		
	To Change Motor Direction	Five continuous short presses.		
	Slow Ramp/Fast Ramp	Seven continuous short presses to switch modes.		
	Secondary Lens Calibration (Point AB)	Setup	Press button twice; first a short press, then a long press. Set Point AB by toggling the hand wheel at the same time; do not release until it is finished.	
		Revoke	Two continuous short presses to revoke the set stroke.	
Return to Primary Lens Calibration	Short press after re-start. Remote Live will automatically restore previously saved calibration			
Motor	Connection interface for 4-Pin LEMO Power Cable.			
9v-20v	Connection for Motor Drive Cable (10-Pin LEMO)			

Standard Mode
360°



Modes of Operation

The Remote Live PDL has two modes of operation to better control your lens: Standard Mode and Ramp Mode. Standard Mode produces 360 degrees of movement of mapped lens travel. In Ramp Mode there are 216 degrees of movement for the mapped lens travel, and the motor will “feather” the movement, creating smoother, more refined zooms or focus moves.

Ramp Mode
216°



PDL-F01



Gimbal



Shoulder Rig



Jib

PDL-F02

Optional Accessories Exclusive to PD Movie

PDL

PD Movie Remote Live

BA1

BlackMagic Armor System Kit

PD-CBL

PD Movie Motor Drive Cable

PD-6FTCBL

PD Movie 6 ft Extended Motor Drive Cable

PD-12FTCBL

PD Movie 12 ft Extended Motor Drive Cable

PD-GEAR-KIT

PD Movie Motor Drive Gear Kit

PD-HTMTR

PD Movie High Torque Motor Assembly

PD-MTR

PD Movie Standard Drive Motor Assembly

PD-PD1RX

PD Movie PD1 Receiver

PD-PD2RX

PD Movie PD2 Receiver

PD-PD1TX

PD Movie PD1 Transmitter

PD-PD2TX

PD Movie PD2 Transmitter

PD GEAR-KIT

PD Movie Main Drive Gear

PD-DTAP

PD Movie D-Tap Power Cord

PD-DC-PWR

PD Movie DC Power Cord

PD-DISK

PD Movie Marking Disk

PD-ANT

PD Movie Antenna

PD-SHRT-ANT

PD Movie Short Antenna

PD-CHRG

PD Movie USB Power Adapter

PD-RNG

PD Movie 15mm-19mm Step Down Ring

PD-DISK-GLO

PD Movie Glowing Marking Disk

PD-USBCBL

PD Movie USB Charging Cable

PD-STRAP

PD Movie Replacement Strap

PD-HEX

PD Movie Hex Bolt



Learn More

More dynamic information at official website: www.ikancorp.com

Support

Contact email: support@ikancorp.com

CONDITIONS OF WARRANTY SERVICE

- Free service for one year from the day of purchase if the problem is caused by manufacturing errors.
- The components and maintenance service fee will be charged if the warranty period is expired.

Free Service will not be Provided in the Following Situations:(*Even if the product is still within the warranty period.)

- Damage caused by abuse or misuse, dismantling, or changes to the product not made by the company.
- Damage caused by natural disaster, abnormal voltage, and environmental factors, etc.