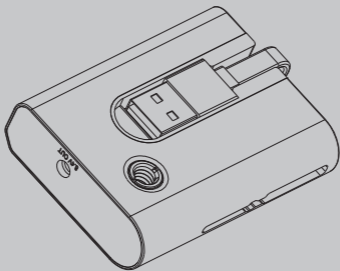


Electric Ray E1

User Manual



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Thank you for purchasing iFootage product. The Electric Ray E1 is an USB power converter providing a long lasting power source for your camera. To get the most of your Electric Ray E1, please read the manual fully before operating the equipment and keep the manual safe for future reference.

Features

1. iFootage Electric Ray E1 supports most portable USB input chargers and USB power bank with Qualcomm Quick Charge 2.0 in the market, which makes its widely compatible.
2. Compatible with most DSLR cameras and mirrorless digital cameras, the power supply of iFootage Electric Ray E1 is 3-5 times longer than stock camera batteries (the actual length depends on the battery storage of the USB charger and the power consumption of the camera.)
3. The USB portable charger powers your camera directly (the coupler which is inserted in your camera battery port does not contain a battery), which will greatly avoid damage to the battery caused by frequent charging & discharging.
4. Plug & play, just need to make sure the battery coupler fits with your camera.
5. As small as matchbox and with modern design.
6. iFootage Electric Ray E1 allows you to operate your camera properly in the extreme cold environment (-50 degree centigrade.) Just keep the charger warm so that Electric Ray E1 can operate efficiently. Avoid replace battery frequently and let you focus with your shooting.
7. iFootage Electric Ray E1 is equipped with high-end IC chip manufactured by Texas Instruments, which can guarantee 93% conversion rate. Compared to the normal industry level, Its improved 10% more and it can release more power under the same capacity.
8. The aluminium-magnesium alloy is an Aircraft grade material. Precise CNC machined structure offers lightweight but solid structure and with high quality anodized black finish increase durability. Enhance rigidity of the surface and abrasion resistance.

List of Articles



Electric Ray E1



Rubber strap



Warranty Card



Instruction Manual



Certificate

Free gift



1/4 Screw Adapter

List of Articles



DR-E6 Coupler



FW50 Coupler



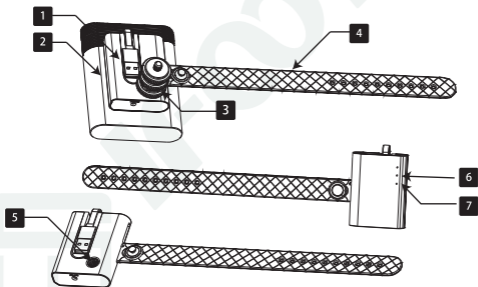
EP-5B Coupler

*These three camera couplers need to be purchased separately.

Technical Data

Input:	5V/9V 2A	Weight:	46G
Output :	8.4V/1.2A~2A	Size:	66*50*16.5mm
Output Interface :	4.0*1.7	Material:	Aluminium Alloy /ABS
Fast charger Protocol:	Qualcomm Quick Charger	Conversion efficiency:	93%
Working Temperature:	-50° ~ +60°		

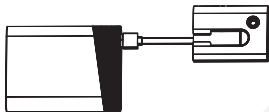
Parts Name



- 1 Electric Ray E1 2 Power Supply 3 1/4 Screw Adapter 4 Rubber Strap
5 1/4 Threaded Hole 6 Indicator Light 7 Fast Charge Indicator Light

Usage steps:

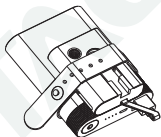
- 1. Plug the Electric Ray E1 USB port into an USB portable charger.



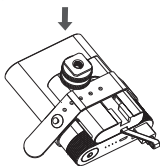
- 2. Insert the rubber strap into the right side of the Electric Ray E1.



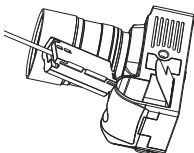
- 3. Strap the Electric Ray E1 and the USB portable charger together.



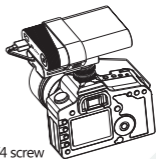
- 4. Mount the shoe mount adapter on the 1/4 threaded hole of the Electric Ray E1.



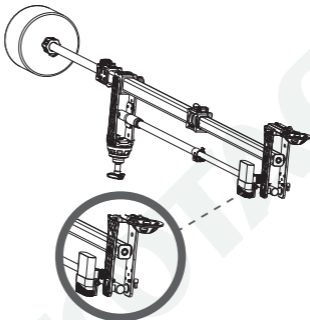
- 5. Mount the iFootage Camera Coupler to your camera.



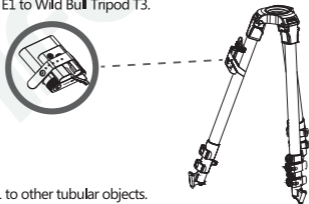
- 6. Mount the Electric Ray E1 on your camera by the camera hot shoe directly or with magic arm.



- 7. Mount the Electric Ray E1 on the equipment which has 1/4 screw hole.



- 8. Strap the Electric Ray E1 to Wild Bull Tripod T3.



- 9. Tie the Electric Ray E1 to other tubular objects.



Supported cameras:

Sony Models:						
Model No.	Coupler model	Input	single shot	Low-speed Shot	High-speedShot	Video
A7	FW50	5V/2A	●	●	●	●
		Quick Charge/2A	●	●	●	●
A72	FW50	5V/2A	●	●	●	●
		Quick Charge/2A	●	●	●	●
A7S	FW50	5V/2A	●	●	●	●
		Quick Charge/2A	●	●	●	●
A7S2	FW50	5V/2A	●	●	●	●
		Quick Charge/2A	●	●	●	●
A7R	FW50	5V/2A	●	●	●	●
		Quick Charge/2A	●	●	●	●
A7R2	FW50	5V/2A	●	●	○	●
		Quick Charge/2A	●	●	●	●
A5000	FW50	5V/2A	●	●	●	●
		Quick Charge/2A	●	●	●	●
A5100	FW50	5V/2A	●	●	●	●
		Quick Charge/2A	●	●	●	●
A6000	FW50	5V/2A	●	●	●	●
		Quick Charge/2A	●	●	●	●
A6300	FW50	5V/2A	●	○	○	●
		Quick Charge/2A	●	●	●	●

Canon Model:						
Model No.	Coupler model	Input	single shot	Low-speed Shot	High-speedShot	Video
Canon 70D	DR-E6	5V/2A	●	○	○	●
		Quick Charge/2A	●	●	●	●
Canon 80D	DR-E6	5V/2A	●	●	●	●
		Quick Charge/2A	●	●	●	●
Canon 7D2	DR-E6	5V/2A	○	○	○	○
		Quick Charge/2A	●	●	●	●
Canon 6D	DR-E6	5V/2A	●	○	○	●
		Quick Charge/2A	●	●	●	●

Canon 5D2	DR-E6	5V/2A	○	○	○	●
		Quick Charge/2A	●	●	●	●
Canon 5D3	DR-E6	5V/2A	●	○	○	●
		Quick Charge/2A	●	●	●	●
Canon 5D4	DR-E6	5V/2A	●	○	○	●
		Quick Charge/2A	●	●	●	●
Canon 5Ds	DR-E6	5V/2A	○	○	○	●
		Quick Charge/2A	●	●	●	●
Canon xc10	DR-E6	5V/2A	●	—	—	●
		Quick Charge/2A	●	—	—	●
Nikon Model:						
Model No.	Coupler model	Input	single shot	Low-speed Shot	High-speedShot	Video
NikonD800	EP-5B	5V/2A	○	○	○	○
		Quick Charge/2A	●	●	○	●
NikonD810	EP-5B	5V/2A	○	○	○	○
		Quick Charge/2A	●	●	○	●
NikonD810E	EP-5B	5V/2A	○	○	○	○
		Quick Charge/2A	●	●	○	●
NikonD650	EP-5B	5V/2A	○	○	○	○
		Quick Charge/2A	●	●	○	●
NikonD7000	EP-5B	5V/2A	●	●	●	●
		Quick Charge/2A	●	●	●	●
NikonD7100	EP-5B	5V/2A	●	○	○	●
		Quick Charge/2A	●	●	●	●
NikonD7200	EP-5B	5V/2A	●	○	○	●
		Quick Charge/2A	●	●	●	●

Remarks: ● Normal ○ Low battery —no

The current parameters tested above are 2A, and the actual effects vary from batteries.

The actual using shall govern.

Caution:

1. Whilst every care has been taken to anticipate the needs of the customer and to make this manual correct and complete, some ambiguity or description omissions may exist. Welcome customer feedback on how we can improve the product manual.
2. Before the first use, please read the "Caution" section.
3. Please check all components and packaging for any damage. In the case of defective parts or shortage, please contact your distributor as soon as possible.
4. The camera, jib, slider and tripod in this user manual are for reference only and are not included in the Electric Ray E1 package purchase.
5. Please pull off and push the external battery coupler again if some cameras have the low-voltage problem because they have battery installation and detection function. Make sure the coupler is close.
6. This Electric Ray E1 is a power converter without built-in battery. USB portable chargers with output DC 2A or above are needed to be power supply.
7. For higher power converting, USB portable chargers with Qualcomm Quick Charger are recommended.
8. Since the ways of calculating the battery level are different, the battery level may show zero when the power storage is low, but shooting will not be effected. The actual power storage shall govern.
9. The iFootage external battery coupler is strongly recommended. The non-iFootage brand coupler is prohibited.
10. Keep away from water and moisture in case of fire and electric shock. Avoid operating in dusty and sandy environment which may cause unpredictable damage.
11. Do not demount or modify this product, and avoid violent operation as well as external pressure.

After-sale service

1. Warranty terms

- 1) iFootage provides limited quality warranty for the electronic components if the failure is caused by the product quality under normal use.
- 2) The warranty period is 1 year from the date of purchase.
- 3) During warranty, iFootage offers free replacement or repair service within the warranty scope.

2. Situations that are not included in the warranty terms.

- 1) User disregard the iFootage product manual guidance when installing or operating the equipment.
- 2) Function failure caused by abrasion, abuse, improper operation or chemical reagents.
- 3) Function failure caused by installing non-iFootage parts on the product.

- 4) Function failure caused by conversion.
 - 5) Function failure of electronic devices caused by infiltration of liquid.
 - 6) Function failure caused by electronic interference.
 - 7)Function failure of iFootage electronic products caused by using a poor quality battery or connecting to a non-conformity power supply.
 - 8)Function failure caused by accident or human factors, such as transportation, collision, operational errors or non-conformity input voltage, and so on.
 - 9)Function failure caused by force majeure(including but not limited to fire,earthquake, thunder strike, etc.)
 - 10)The damage or loss of parts during transport(please consult the related logistic company).
3. Paid service(user can choose paid-service when function failure occurs beyond the warranty scope).
- 1) The cost of paid service only includes material and shipping fees for products within 1 year from the date of purchase.
 - 2) The cost of paid service includes testing, material, repair, and shipping fee for products that have passed the warranty year.
4. Service procedure
- 1) When function failure occurs, please contact the retailer who sells the product to you and confirm the failure situation, service range and solutions in the first instance. Before this step, please provide:
 - a) Proof of purchase
 - b)The detailed description of function failure, such as surrounding(weather, etc.), operation, the product s performance and any other relevant details.
 - c) Your contact details.
 - 2)iFootage or the retailer confirms the service range according to the after-sale service terms.
 - 3)After receiving the defective product and checking the product damage(if any), iFootage or the retailer will contact the customer to confirm the repair fee. The product will be repaired only once the customer confirms that they accept the repair fee. In the case of severely damaged (beyond repair) products, if still within the warranty scope, iFootage or the retailer can replace it with a new one; if beyond the warranty period, the customer must contact service support.
5. Shipping fee
- 1)If within the warranty period, the customers only need to pay for shipping of returned products; if beyond warranty period, customers need to bear double fees.



FOOTAGE

INFORMATION OF MANUFACTURER 



IFOOTAGE INTERNATIONAL(HK) LIMITED

Origin: China

Website: www.ifootagegear.com