



# ACADALUS

## BT-001

### Li Ion 18.5V/7A Battery Pack

**Owner's Manual**



**koch**  
Photography

# IMPORTANT SAFETY INSTRUCTIONS

## Save these instructions

### Warning

To reduce fire or shock hazard, do not expose the unit to rain or moisture.

### Caution

You are cautioned that any changes or modifications not expressly approved of in this manual could void your authority to operate this equipment.

### DANGER:

To reduce the risk of fire or electric shock, carefully follow these instructions.

If the shape of the plug does not fit the mains power outlet, use an attachment plug adaptor of the proper configuration for the power outlet.

## Battery charger

### Warning:

Even if the charging indicator LED is not lit, the battery charger is not disconnected from the AC power source mains, as long as it is connected to the wall outlet. If some trouble occurs while using the battery charger immediately shut off the power by disconnecting the plug from the wall socket.

### Caution:

Make sure to operate the charger in an ambient temperature between 0° and 40° C (32 – 104° F) and a humidity of between 20 and 85 %.

## Battery Pack

### Caution:

Do not attempt to charge the battery while it is connected to the device; this might permanently damage the control circuit of the pack thus rendering the battery unusable.

### Danger:

If the battery pack is mishandled, the battery pack can burst causing a fire or even chemical burns.

Observe these precautions:

- Do not disassemble.
- Do not crush and do not expose the battery pack to any shock or force such as hammering, dropping or stepping on it.
- Do not short circuit and do not allow metal objects to come into contact with the battery terminals.
- Do not expose to high temperature above 60°C (140°F), such as in direct sunlight or in a car parked in the sun.
- Do not incinerate or dispose of in fire.
- Do not handle damaged or leaking lithium ion batteries.
- Replace only with the same or equivalent type recommended by Koch Photography.
- Dispose of used battery packs promptly as described in the instructions.

## Exhausted Battery Packs

Do not throw spent lithium ion batteries such as these which power the Acadalus Battery Pack in the household trash.



The exhausted cells in the Acadalus Battery Pack are a spare part that can be replaced by Koch Photography, Switzerland or a servicing dealer.



If you decide to discard the battery pack or its cells, please recycle them properly—they do not belong into the regular household trash. In the US and Canada, please consult <http://www.call2recycle.org> for a suitable way to recycle them.

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# OWNER'S RECORD

The model and serial number are located on the lower left corner of the battery pack near the connector. Record the serial number in the space provided below.

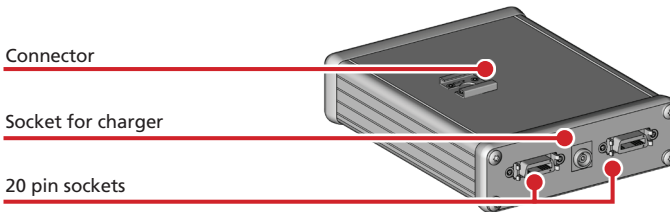
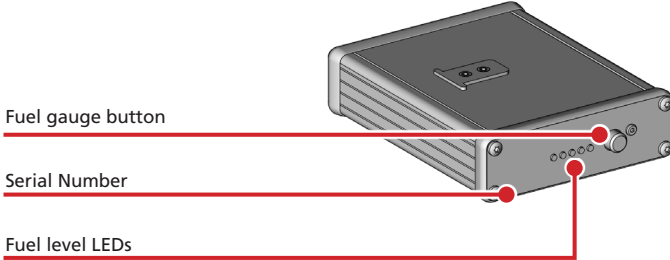
Serial # \_\_\_\_\_

Refer to these numbers whenever you call upon Koch Photography or a dealer regarding this product.

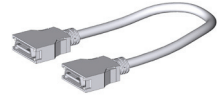
# GETTING STARTED

Get to know the components of your Acadalus BT-001 Battery Pack.

## Rechargeable Battery Pack *CPS-BT-001*



## Cables



Multipurpose cable  
*CPS-CB-MDR-350*  
350 mm / 13.75"



Charger Power Cord

# OPERATING INSTRUCTIONS

## Checking the charge of the battery pack

Push the fuel gauge button to activate the battery's power level display. Each of the five lights indicate approximately 1/5 of the entire charge. The remaining charge indicator may not be correct under certain circumstances.

### Note:

Battery capacity decreases over time and through repeated use. When the operating time per charge decreases markedly, the battery pack should be replaced.

## Charging the battery pack

1. Disconnect the battery pack from the Acadalus CPS H1 Camera Head.
2. Connect the charger to the mains using the charger power cord.
3. Charge the battery until the charger LED turns from red to green.
4. Disconnect the charger.

## Attaching the battery pack to Acadalus Devices

1. Slide the battery pack into a free accessory shoe.
2. Connect the Multipurpose Cable to one of the 20-pin sockets on the accessory and connect it to any free 20-pin socket of the system.



Additional batteries can be attached to any free sockets of the system including those of battery packs.

## Using the Acadalus Battery Pack

You can use the Acadalus battery charger in any country or region where the power supply is within 100 V to 240 V AC, 50/60Hz.

Do not use an electronic transformer (travel converter). This may cause a malfunction.

## SPECIFICATIONS

### Acadalus Battery Pack

<b>Weight</b>	<b>500 g</b>	<b>1 lb</b>
<b>Dimensions (h x w x l)</b>	<b>130 x 35 x 105 mm</b>	<b>7.5" x 5" x 5"</b>
<b>Capacity</b>	<b>≥ 2.2 Ah</b>	
<b>Voltage</b>	<b>≥ 18.5 V</b>	
<b>Max Current</b>	<b>7 A</b>	
<b>Operation per charge</b>	<b>About 1 day, or 2 hours of continuous movements</b>	
<b>Connectors</b>	<b>2 x Acadalus 20 pin multipurpose socket</b>	
<b>DC- in socket</b>	<b>21 V from charger, GND outside</b>	
<b>Cells</b>	<b>Lithium Ion</b>	

## REPAIRS

Your Acadalus battery pack comes with a warranty of 36 months from date of purchase.

Before returning the product to the factory or an authorized service center for repair, please contact us to obtain an RMA number and shipping instructions.

Visit <http://www.acadalus.com> and click on Support to obtain your RMA number. Also be sure to register your CPS-h1 for trouble-free support and to stay up to date on updates and notifications.



Additional information about this and  
other products from Koch Photography  
can be found on our website,  
<http://www.acadalus.com>

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