

HEDBOX

Notice

Please check that the components size and voltages will be compatible according to your Camcorder DC Voltage Input or Battery Pack Charging Voltage and Current. Please use the manual instruction of the Camcorder or Battery Pack, and read this manual carefully before using the unit with this AC Adaptor / Charger. We are not responsible for any damage caused by incorrect use or operation.

Caution

1. This device is for indoor use only, don't put or use it in high temperature and high moisture environment;
2. It's a common phenomenon for the unit to feel hot when using;
3. Avoid falling and bumping otherwise the electrical components will be damaged;
4. Don't try to disassemble or open the cover under any circumstance in order to avoid danger.

Specification

Input : AC 100-240V~ 1.8A 50-60Hz
 Output: ADAPTOR : DC 12.6V - 16.8V 5A 90W (max)
 CHARGER: DC 16.8V 2.3A 50W (max)
 USB: DC 5V 1A 5W (max)
 LCD Screen: 1.6-inch LCD Back lite Display Dual Color
 Output Connection: DC Joint multi pin
 Operating Temp.: -10 to 40 C
 Dimensions: 132 x 58 x 30 cm
 Weight: 365g

www.hed-box.com

Digital Multi-Function AC Adaptor & Charger

RP-DC80



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User Manual

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Thank you for your purchase of the Digital Multi-Function AC Adaptor & Battery Charger RP-DC80. This intelligent charger for Digital Camera and Camcorder Batteries was designed with advanced power charging technology, allowing you to charge your Professional Batteries at Studio place, or at the home. The Charger is compatible with Li-Ion Rechargeable Batteries that run on power voltage of 14.4V to 14.8V. Please read these operating instructions carefully before operating this unit to power up Professional Camcorder or to Charge Battery Pack.

Product Features

1. Charge a Professional Battery Pack that run on 14.4V to 14.8V
2. Supply Power for Professional Studio Cameras, LED Light, Field Recorders etc.
3. Charge or supply power for MP3, Mobile Phones, Ipods, Ipedes, LED lights and other related device with standard USB output;
4. LCD screen displays the charging and power status with red and blue dual-colors;
6. Provide constant Output voltage of: 12.6V / 63W and 16.8V / 90W
7. Worldwide use with input between 100-240V;
8. With advanced MCU Micro-Computer Chip control, charger fully control the charging proces of the Li-Ion Professional Battery, the 1.6-inch LCD Screen indicated output voltage, and the battery charging status.
9. 100,000 level of Anti-Static design, High Temperature and Fire-Proof crust makes it safer.
10. Passed MBTR 5000H test and own its patent with more reliable quality warranty;
11. Safety protection:
 - Over temperature protection reaches at 85°C,
 - Over voltage protection reaches at 24V,
 - Over current protection reaches at 6.5A,
 - and have Short circuit protection & Charging time protection.

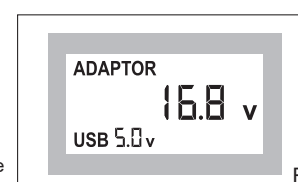
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POWERING ON AC ADAPTOR MODE WITH 12.6V 63W / 5A :

1. To Power Professional Camcorder or any other unit with constant power of **12.6V and 63W** max current, please use the appropriate Power Extension cable

- RPC-XY / HR10A-7P-4P 4-pin Plug
- RPC-SO / C-PIN 5.5mm Angle Plug

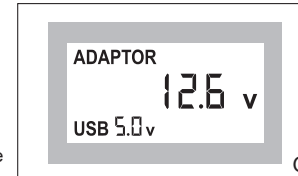


2. Use the DC Joint Jack on the end of the Power Cable and connect the DC Joint Plug of the Extended Adaptor Cable
3. Use the other end DC Plug (depending on model cable you chose) and plug in to the DC Jack input on the appropriate Pro Camcorder, or unit that you want to power (left illustration). The LCD screen indicates Charging status with Blue background (picture F)

POWERING ON AC ADAPTOR MODE WITH 16.8V 90W / 5A :

1. To Power Professional Camcorder or any other unit with constant power of **16.8V and 90W** max current, please use the appropriate Power Extension cable

- RPC-4X / 4-pin XLR Plug



2. Use the DC Joint Jack on the end of the Power Cable and connect the DC Joint Plug of the Extended Adaptor Cable
3. Use the other end DC Plug (depending on model cable you chose) and plug in to the DC Jack input on the appropriate Pro Camcorder, or unit that you want to power (left illustration). The LCD screen indicates Charging status with Blue background (picture G)

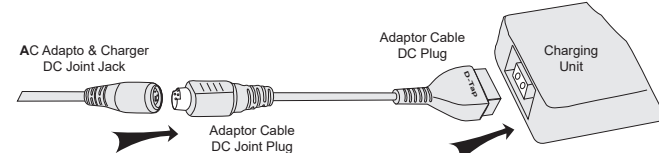
(Constant Power Extension Cables need to be ordered separately)

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POWERING ON AC ADAPTOR MODE :

1. To Power any Professional Camcorder or any other unit with constant power, use the appropriate Power Extension cable from the table list below.
2. Use the DC Joint Jack on the end of the Power Cable and connect the DC Joint Plug of the Extended Adaptor Cable (lower illustration)
3. Use the other end DC Plug (depending on model cable that you have chosen from the table list) and plug in to the DC Jack input on the appropriate unit that you want to power (lower illustration). The LCD screen indicates Charging status with Blue background (picture B)



Specification of Extended Adaptor Cables

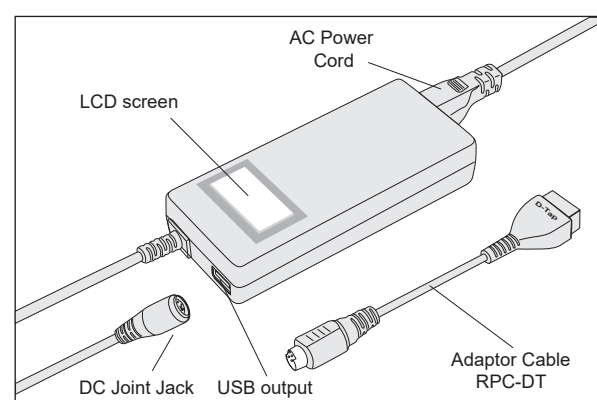
Model No.	Jack & Plug description	On use Description
RPC-DT	DC Joint Jack D-Tap Plug	To use to charge HEDBOX Battery Packs on D-Tap input and all other battery that can charge thru D-Tap plug 16.8V 2.3A
RPC-HY	DC Joint Jack HR10A-7P-4P 4-pin Plug	To use to power SOUND DEVICE and all other units that need 4-pin Hirose Plug, and can run on 12.6V 63W / 5A (Max)
RPC-SO	DC Joint Jack C-PIN 5.5mm Angle Plug	To use to power SONY PMW-EX1/EX3/100/150/200/300 - F3 P-WM1605/1805/200 P-WV45/51 12.6V 63W / 5A (Max)
RPC-4X	DC Joint Jack 4-pin XLR Plug	To use to power all Professional Camcorders and all other units that need 4-pin XLR Plug, and run on 16.8V 90W / 5A (Max)

Please go and visit our Web site www.hed-box.com to find other models of extended adaptor cables that are not listed here

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Overview



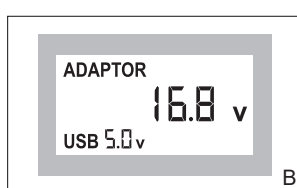
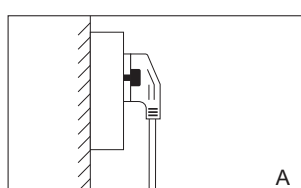
Product Components:

1. Main Body of RP-DC80
2. Charging Cable with DC Joint Connector
 Power Feed 1: 12.6V , 63W / 5A (max)
 Power Feed 2: 16.8V , 90W / 5A (max)
 Battery Charging: 16.8V , 2.3A
3. AC Power Cord (Depends on the market the Charger is equipped with AU-Plug, EUR-Plug, US-Plug or UK-Plug Power Cord) 110V - 220V
4. Adaptor Cable **RPC-DT** (For charging HEDBOX & REDPRO batteries)
5. USB 5V 1A Power Output
6. 1.6-inch LCD Screen

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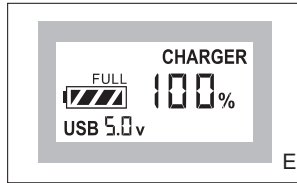
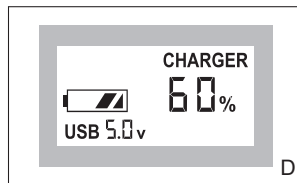
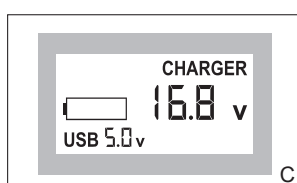
Operation Instruction:



1. Plug the Power Cord on the AC power (picture A). The LCD screen background shows a blue color, with AC Power Adaptor Informations (picture B)

CHARGING BATTERY PACK:

2. To Charge Professional Battery Pack with this Charger please use the supplied Extended Power Cable **RPC-DT**. Use the DC Joint Jack on the end of the Power Cable and plug in to the DC Joint Plug of the Charger Cable (picture F). When you connect Charger to the Battery on the Charger LCD screen indicates Charger status with Red background, indicate the charging voltage (picture C) and the charging percentage (picture D). The Battery sign on LCD screen will show Battery charging level.



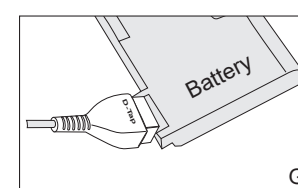
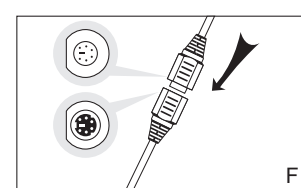
3. When the Battery is full, the LCD screen turns on Blue background color to indicate that the charging proces is done and that the Battery is full (picture E).

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CHARGING REDPRO BATTERY PAC

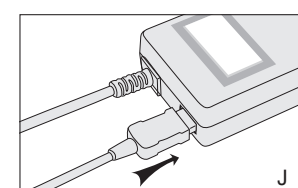
4. To Charge RedPro Professional Battery Packs on D-Tap input socket, please use the Extended Adaptor Cable (**RPC-DT** supplied in the package Box).
5. Use the DC Joint Jack on the end of the Charger Power Cable and connect the DC Joint Plug of the Extended Adaptor Cable **RPC-DT** (picture F)
6. Use the other end DC D-Tap Plug, and plug in to the DC D-Tap Jack input on the REDPRO or HEDBOX Battery that you want to power (picture G). The LCD screen indicates Charging status with Red background (picture C,D)



7. When the Battery is full, the LCD screen turns on Blue background to indicate that the charging proces is done and that the Battery is fully charged (picture E)

CHARGING ON USB:

8. When using the USB function, connect the charging cable of mobile phone, MP3, Ipod, Iped or other relative device to the USB output of AC Adaptor, then it can be used for charging. (picture J)



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