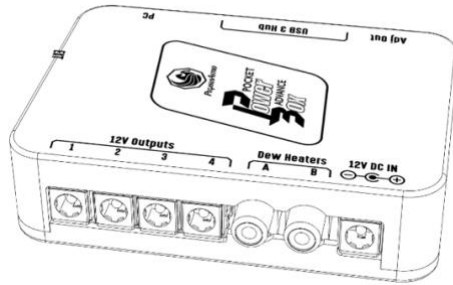




## QUICK INSTALLATION GUIDE

Thank you for choosing our products

**Pocket Powerbox Advance (Gen2)** (in short PPBADV) is suitable for the “grab and go” astronomer / photographer. Device can provide up to 12 Amps of electric power, has four 12V outputs, a quad port USB3 Hub, two dew heater channels, a variable voltage output and an external environmental sensor to constantly monitor humidity and ambient temperature. Controller can adjust the dew heaters consulting the sensor temperature / humidity values and calculating the dew point of the environment.



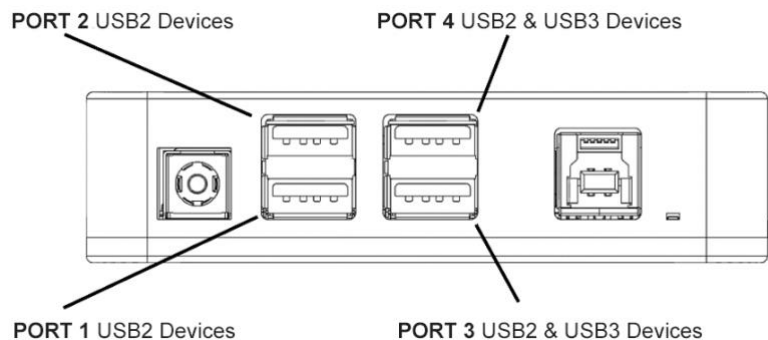
### Operating Instructions:

- Plug the external environmental sensor into EXT port
- Plug the USB3 cable to the device and to your computer.
- Plug the power supply (battery or power pack) into the “12V DC IN” socket. We strongly advise to use our certified power supply that can provide DC 12V and 10 Amps.
- Device will boot after three seconds and the LED will turn solid red. This means that firmware was loaded successfully and the controller is now fully operational.
- Default settings allow DC pass through voltage to all four outputs. Dew Heater outputs are configured to auto-dew by default
- Download USB drivers, standalone software or ASCOM drivers from [pegasusastro.com/support](http://pegasusastro.com/support) in order to connect to the device.

### Important Notes:

- Variable Port set to **3V** by default. **Please adjust voltage to the desired level from the software. [ A battery coupler requires 8V]**
- Auto Dew functionality is **turned on by default**
- USB Ports on PPBADV Gen2 have the configuration as shown at the image below.

**WARNING: DO NOT use 12V port to power other USB hubs, unless hub can accept 12V input.** Most powered USB hubs are 5V and 12V can damage the hub, and any cameras or accessories attached to the hub. Always read hub instructions before connecting.



### What is in the box:

- 1 x Pocket Powerbox Advance
- 4 x Power Cables (2 x 0.5 meter & 2 x 1meter)
- 1 x USB3 Cable Type B (1.8 meters)
- 1 x Environmental (Humidity/Temperature) Sensor

### Optional Accessories:

- Power cable for Skywatcher EQ8
- Power cable for Skywatcher EQ6R / EQ6-AZ
- Power Supply Unit 12V / 10A – 120W
- Battery Couplers for Canon DSLR, Nikon DSLR, Fuji X Series, Sony A7 [ check our website for more information]
- Pair of Dovetail Brackets
- Mini factor pc, top plate
- EXTERNAL Motor Controller with Motor Focus Kit

Device is covered by one (1) year warranty  
Designed and Assembled in Greece