



USER MANUAL

BEBOB V190 RECHARGEABLE LITHIUM-ION BATTERY

THANK YOU FOR PURCHASING THE BEBOB V190 RECHARGEABLE LITHIUM-ION BATTERY.

PRIOR TO USING THE BEBOB V190 WE STRONGLY RECOMMEND THAT YOU READ THIS INSTRUCTION MANUAL ON HOW TO BEST USE THE BEBOB V190. YOU SHOULD KEEP IT FOR FUTURE REFERENCE. IF YOU HAVE ANY ADDITIONAL QUESTIONS, PLEASE CONTACT THE APPROPRIATE BEBOB DISTRIBUTOR LISTED AT WWW.BEBOB.DE.

FEATURE

- A high capacity battery which is compact and lightweight. Direct fitting to a camera via V-Mount.
- Five-step LED power indicator.
- One status overload indicator.

CHARGING BEBOB V190

- The bebob V190 battery can be charged with an external bebob charger (or equivalent) with Lithium-ion (Li-ion) charging ability.
- Approximate charge time may vary depending on charger and temperature.
- bebob V190 can be charged in ambient temperature for optimum performance at 10°C - 30°C.
- bebob V190 batteries can be recharged in any charge condition.

DISCHARGING BEBOB V190

- Maximum load is 7.0 A. When using the battery with video or lighting equipment, power consumption of the equipment must be 7.0 A or below. For the protection of the battery, a load of 7.0 A or over may activate the internal protection circuit and stop supply of power. In this case the status led will turn red.
- The battery can be used in ambient temperature of - 20°C - + 55°C.

STORING BEBOB V190

- Storage temperature range is - 20°C ~ + 35°C (<85% humidity).
- To store the battery for a long period (longer than 6 months), the battery should be fully charged and left in this condition. The bebob V190 should be recharged every six months.
- After storage some self discharge will occur. Before re-use it is advisable to recharge the battery fully.

PLEASE NOTE

- Before using this product please note the following general safety information.
- Read instruction manual before use. It is mandatory to follow the instructions in this manual.
- The operation instructions form part of the product and should be handed over to any future owner in the event of sale/transfer of the product.
- This manual should be retained for the life of the product.
- If you have any questions about this product, please ask only authorized specialist personnel for advice.

CAUTION

- Use only with recommended charger.
- Keep the battery dry and do not immerse in water.
- Never open the battery.
- Do not expose to temperature over 60°C.
- May explode if thrown into fire!
- Maximum load 7.0 A.
- Do not put the battery on a device when the red charging LED flashes.

SPECIFICATION

BATTERY

CELL	Lithium-ion
VOLTAGE	DC 14.8V
CAPACITY	13.0 Ah
MAXIMUM LOAD	7.0 A
END VOLTAGE	12.0 V
BATTERY PROTECTION CIRCUIT	Over-voltage, under-voltage, and over-current, outside circuit shortage and equilibrium in unconventional situations.

GENERAL

AMBIENT TEMPERATURE	
CHARGE	+ 10°C ~ + 30°C recommended
DISCHARGE	- 20°C ~ + 55°C
STORAGE	- 20°C ~ + 35°C (<85% RH)
CHARGING TIME	6 hours
MOUNTING	V-Mount
DIMENSIONS (WxHxD)	89 x 175 x 64 mm
WEIGHT	1.45 kg

WARRANTY

- The V190 is covered by a 2 years warranty on all mechanical and electrical parts, except the cells
- The cells are covered by a 1 year warranty, 70% of the original capacity
- For warranty issues contact the appropriate bebob distributor listed at www.bebob.de