



USER MANUAL

BEBOB V90RM RECHARGEABLE LITHIUM-MANGANESE BATTERY

THANK YOU FOR PURCHASING THE BEBOB V90RM RECHARGEABLE LITHIUM-MANGANESE BATTERY.

PRIOR TO USING THE BEBOB V90RM WE STRONGLY RECOMMEND THAT YOU READ THIS INSTRUCTION MANUAL ON HOW TO BEST USE THE BEBOB V90RM. 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 LED capacity alarm.

CHARGING BEBOB V90RM

- The bebob V90RM battery can be charged with an external bebob Li-Ion charger (or equivalent) with Lithium-Manganese (Li-Mangan) charging ability.
- Approximate charge time may vary depending on charger and temperature.
- bebob V90RM can be charged in ambient temperature for optimum performance at 10°C - 30°C.
- bebob V90RM batteries can be recharged in any charge condition.
- The bottom status led will turn red when the full capacity of the battery turns under 80% of the original value.

DISCHARGING BEBOB V90RM

- Maximum load is 12.0 A. When using the battery with video or lighting equipment, power consumption of the equipment must be 12.0 A or below. For the protection of the battery, a load of 12 A.0 or over may activate the internal protection circuit and stop supply of power.
- The battery can be used in ambient temperature of - 20°C - + 55°C.

STORING BEBOB V90RM

- 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 V90RM 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 12.0 A .
- Do not put the battery on a device when the red charging LED flashes.

SPECIFICATION

BATTERY

CELL	Lithium-Manganese
VOLTAGE	DC 14.8V
CAPACITY	6.0 Ah
MAXIMUM LOAD	12.0 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	3 hours
MOUNTING	V-Mount
DIMENSIONS (WxHxD)	89 x 175 x 46 mm
WEIGHT	1.0 kg

WARRANTY

- The V90RM is covered by a 2 years warranty on all mechanical and electronical parts, except the cells
- The cells are covered by a 2 year warranty, 80% of the original capacity
- For warranty issues contact the appropriate bebob distributor listed at www.bebob.de