

PAG CPS100

On-Camera Power Supply

Models 9750, 9750A & 9750V

IMPORTANT SAFETY INSTRUCTIONS

This leaflet contains important safety and operating instructions. Read these fully and note all warnings before using the PAG CPS100 Camera Power Supply. Please follow all instructions and retain this leaflet for future reference.

The PAG CPS100 is not intended for any use other than the powering of video cameras as detailed in 'Specification'.

IMPORTANT: This equipment must be grounded. Do not connect to non-grounded supplies. Use only on AC supplies 100-250V, 50/60Hz.

Supply connection to the unit should be made using only the standard lead supplied with this equipment. Do not defeat the safety purpose of the grounding-type plug. The grounding-type plug has two blades and a third grounding prong. The third prong is provided for your safety. When the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

Protect the power cord from being walked on or pinched, particularly at plugs. Unplug this apparatus during lightning storms or when unused for long periods of time.

Ensure that the cooling vents are not obstructed when in use - e.g. do not cover them with tape or labels.

WARNING: Indoor use only. To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

Do not disassemble the unit. There are no user-serviceable parts inside. Incorrect reassembly may result in a safety hazard.

Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as supply cord or plug is damaged, liquid has been spilled, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped. In this event you should seek advice from your nearest PAG reseller or direct from PAG Ltd. by telephoning +44 (0)20 8543 3131.

SPECIFICATION

Camera Connection:

Model 9750 PAGlok connector.
Model 9750A Gold Mount connector.
Model 9750V V-Mount connector.

Input Supply: 90-264V ~ auto-selected.
Frequency 47-63Hz. Maximum power consumption 175W.

Output: 15V DC, 105W nominal. The unit is protected against over-current and short circuit. The output is protected against over-temperature and over-voltage by means of a latching shutdown circuit.

A parallel, auxiliary XLR4 output is included for powering camera accessories (pin 1 negative, pin 4 positive).

Two standard USB outputs are provided, ideal for charging a smartphone.
Output: 5W at 5V total.

Safety: Designed to comply with electrical safety standards EN60590 Class 2 (double insulated). UK mains lead fitted with 1" fuse to BS1362 rated 5A.

Operating Temperature Range:
0°C to +40°C (+32°F to +104°F).

Overall Dimensions (excluding protrusions):
125mm wide x 175mm high x 53mm deep.

Weight: 0.7kg

OPERATING INSTRUCTIONS

PAG CPS100 Camera Power Supply Model 9750 is designed to mount directly to equipment that is fitted with a PAGlok battery connector.

PAG CPS100 Camera Power Supply Model 9750A is designed to mount directly to equipment that is fitted with a Gold Mount battery connector.

PAG CPS100 Camera Power Supply Model 9750V is designed to mount directly to equipment that is fitted with a V-Mount battery connector.

Fit the Power Supply to the equipment and connect the supply cord to the input socket. Power up the unit and the green 'Power' indicator LED will be lit.

The Power Supply has a nominal continuous output of 105W at 15V, which is sufficient to power most popular models of camera. Ensure that the combined wattage of the camera/recorder and a camera light (if used)

does not exceed 100W. A short duration surge of 150W is permitted.

Do not obstruct the cooling vents that are present on the rear of the unit.

If the Power Supply becomes overheated, the red 'Overheat' LED will illuminate, the unit will shut down, and no damage will occur. The protection circuit will latch off, and can only be reset by turning off the input supply. Allow the unit to cool before continuing to operate.

The output is protected against over-voltage. If the Power Supply produces an excessively high voltage it will shut down and the circuit will latch off as described above.

SERVICING AND REPAIRS

WARNING: To reduce the risk of electric shock, do not attempt any servicing or repairs unless you are qualified to do so. Refer all servicing or repairs to qualified servicing personnel.

The Power Supply contains advanced electronics that do not require periodic maintenance. Consequently there are no user-serviceable parts inside.

Qualified electronics engineers who wish to gain access to internal assemblies should note that parts of the power circuit retain a high voltage even after the supply has been disconnected. Wait for a period of five minutes following disconnection before commencing disassembly.

When the Power Supply is correctly connected to an AC supply and the green 'Power' LED is not lit, it is likely that a fault has developed. Seek advice from your nearest PAG reseller or direct from PAG Ltd. London, by telephoning +44 (0)20 8543 3131, or by emailing support@paguk.com