



**Professional Broadcast Equipment**

# Power Supply

Model No. 9791

Instruction Manual

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## SECTION 1

### SAFETY

- 1.1 This leaflet contains important safety and operating instructions. Read these fully and note all warnings before using the Power Supply. Please follow all instructions and retain this leaflet for future reference.
- 1.2 The Power Supply is not intended for any use other than the powering of video cameras as detailed in 'Specification'.
- 1.3 **IMPORTANT:** This equipment must be grounded. Do not connect to non-grounded supplies. Use only on AC supplies 100-250V, 50/60Hz.
- 1.4 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.
- 1.5 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.
- 1.6 Ensure that the cooling fins are not obstructed when in use - e.g. do not cover them with tape or labels.
- 1.7 **WARNING:** Indoor use only. To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.
- 1.8 Do not disassemble the Power Supply. There are no user-serviceable parts inside. Incorrect re-assembly may result in a safety hazard.
- 1.9 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 Dealer or direct from PAG Ltd., London, by telephoning +44 (0)20 8543 3131.

**SECTION 2****SPECIFICATION**

- 2.1 Description:**  
Power Supply Model No. 9791.
- 2.2 Input Supply:**  
90-139V or 140-270V ~ auto-selected. Frequency 47-63Hz.  
Maximum power consumption 75W.
- 2.3 Output:**  
13V DC, 50W 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.
- 2.4 Safety:**  
Designed to comply with electrical safety standards EN60335-1 and EN60335-2-29 Class 1 (safety earth). UK mains lead fitted with 1" fuse to BS1362 rated 5A.
- 2.5 Operating Temperature Range:**  
0°C to +40°C (+32°F to +104°F).
- 2.6 Overall Dimensions (excluding Paglok 'claws'):**  
160mm x 105mm x 42mm (6.3" x 4.1" x 1.65").
- 2.7 Weight:**  
1.3lb (600g).

**SECTION 3****OPERATING INSTRUCTIONS**

- 3.1** The Power Supply is designed to mount directly onto the back of equipment that is fitted with the PAGlok professional battery connector system. The Power Supply is suitable for use with either the standard or System RTI models. PAGlok connectors are available to complement all popular camera models. If your camera is not yet fitted with a PAGlok connector, please consult your Dealer for the correct application.
- 3.2** Fit the Power Supply to the equipment and connect the supply cord to the input socket. Power up the unit and the green mains LED will be lit.
- 3.3** The Power Supply has a nominal output of 50W at 13V, which is sufficient to power most popular models of camera. Ensure that the combined wattage of the camera/recorder and a lamp (if used) does not exceed 50W.
- 3.4** The Power Supply will automatically detect the presence of an excessive load, and limit the output to a safe current level.
- 3.5** Do not obstruct the cooling fins that are present on the rear of the unit. If the Power Supply becomes overheated it 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.
- 3.6** 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.

## SECTION 4

### SERVICING & REPAIRS

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- 4.1 **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.
- 4.2 The Power Supply contains advanced electronics that do not require periodic maintenance. Consequently there are no user serviceable parts inside.
- 4.3 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.
- 4.4 When the Power Supply is correctly connected to an AC supply and the green mains LED is not lit, it is likely that a fault has developed. Seek advice from your nearest PAG Dealer or direct from PAG Ltd., London, by telephoning +44 (0)20 8543 3131.