



Professional Broadcast Equipment

PAGlok Power Adaptor 9522/75
for JVC GY-HD100

Instruction Manual

SECTION 1

SAFETY

- 1.1 Please read these instructions fully before using the PAGlok Power Adaptor Model 9522/75.
- 1.2 The PAGlok Power Adaptor Model 9522/75 is not intended for any use other than the powering of video cameras and camera lights.
- 1.3 Low voltage DC input only. Do not connect to incorrect supplies (see Specification below).
- 1.4 Do not disassemble. The electronics housing contains no user serviceable parts. Incorrect re-assembly 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 or does not operate normally. In this event you should seek advice from your nearest PAG Dealer or direct from PAG Ltd. London, Tel +44 (0) 20 8543 3131.

SECTION 2

SPECIFICATION

- 2.1 **Description:**
Low power converter for supplying 7.2V output from higher voltage batteries. Over-current protection is incorporated in the design.
- 2.2 **Input Voltage:**
Low voltage DC input only. Minimum start-up voltage is set at 10.9V DC \pm 0.1V with a 'drop-out' voltage 0.3V lower. Absolute maximum input voltage is 20V DC
- 2.3 **Input Connections:**
Patented PAGlok connector.
- 2.4 **Output Voltage:**
7.2V DC \pm 0.2V

2.5 **Output Connections:**

Camera output connector: to suit JVC GY-HD100.

Light output socket: 2.1mm DC socket, centre pin negative.

2.6 **Output Current:**

Camera Output: 2.7A nominal. Surge currents up to 4.5A are permissible for short periods to cope with motor stall and start-up surges.

Light output socket: unregulated (raw battery voltage).

2.7 **Over-Current Protection:**

The regulator is protected against overload by a fold-back type current limiting circuit. Peak short-circuit current is typically 6A, folding back to 3A.

2.8 **Ripple and Noise:**

High frequency switching eliminates interaction between scanning and power supply noise frequencies. Ripple amplitude is < 20mV at 2.7A output. Noise spikes are between 30mV and 100mV depending upon external connections.

2.9 **Temperature Range:**

Operating temperature: -10°C to +50°C.

Storage temperature: -55°C to +125°C.

SECTION 3

FITTING INSTRUCTIONS



Fig. 1

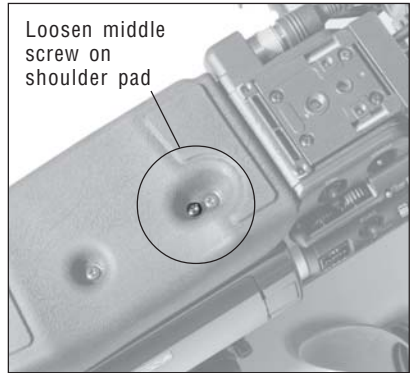


Fig. 2

- 3.1 Remove the M3 screws and trim plate (if fitted) at top rear of camera (see Fig. 1)
- 3.2 With the camera inverted, loosen by four full turns the middle of the three screws which are fitted in the shoulder pad (see Fig. 2). This screw limits the rearwards movement of the pad.
- 3.3 Remove the shoulder pad from the camera by holding-in the release button situated on the side and sliding the shoulder pad fully to the rear.



Fig. 3



Fig. 4

- 3.4 Remove the three screws securing the shoulder pad track to the underside of the camera (see Fig. 3). Retain the screws. Remove the track and retain (see Fig. 4)



Fig. 5

- 3.5 Carefully position the PAGlok assembly on the camera by aligning the screw holes on the upper and lower plates with those on the camera.
- 3.6 Secure the PAGlok assembly to the camera top using the two M3 x 6mm pan head screws supplied (see Fig. 5).
- 3.7 Invert the camera and replace the track over the top of the PAGlok assembly plate. Secure the track and PAGlok assembly to the underside of the camera using the 3 original track screws.
- 3.8 Check that the two upper and the three lower mounting screws are secure, but do not over-tighten them.
- 3.9 Slide the shoulder pad back onto the track and lightly secure the movement limit screw.
- 3.10 The PAGlok Power Adaptor is now fitted and ready for use.

WARRANTY

- 4.1 Notwithstanding any provision of any agreement the following Warranty is exclusive: PAG Limited warrants each PAG Model 9522/75 it manufactures to be free of defects in material and workmanship under use and service for TWO YEARS from the date of purchase. This warranty extends only to the original purchaser. This warranty shall not apply to fuses or any product or parts which have been subject to misuse, neglect, accident or abnormal conditions of operation.
- 4.2 In the event of failure of a product covered by this warranty, PAG Ltd. will repair and calibrate equipment returned to an authorised Service Facility within the period of the warranty, provided the warrantor's examination discloses to its satisfaction the product was defective. The warrantor may, at its option, replace the product in lieu of repair. With regard to any equipment returned within this period, said repairs or replacements will be made without charge. If the failure has been caused by misuse, neglect, accident or abnormal conditions of operation, repairs will be billed at a nominal cost. In such a case, an estimate will be submitted before work is started, if requested.
- 4.3 The foregoing Warranty is in lieu of all other warranties, express or implied, including but not limited to any implied warranty or merchantability, fitness or adequacy for any particular purpose or use. PAG Limited shall not be liable for any special, incidental, or consequential damages, whether in contract, tort, or otherwise.