

TECHNICAL INFORMATION

GoldPanther™ AC Adapter Kit

Catalog Nos. FAL206, FAL206220

INTRODUCTION

This portable AC power source is designed for use with the FAL200 GoldPanther™ Forensic Light Source. The kit (shown above) consists of a 110V AC to 13.4V DC Power Supply, and AC Adapter and the necessary power connection cables. The portability of the FAL206 lends itself to use at the crime scene as well as in the lab. A 220V AC version is available by ordering No. FAL206220.



No. FAL206 Kit and Components

PRECAUTION

- Be certain to observe the polarity of the 25 foot cable when connecting to the rear terminals of the Power Supply. Reversing the polarity may cause damage to the GoldPanther™.

SETUP AND USE

1. Remove the battery from the rear of the FAL200. Connect the FAL206 AC Adapter to the FAL200 as shown in Figure 1 to the right.
2. Plug the Accessory Plug connected to the AC Adapter into the jack on the 25 foot cable (Fig. 2, below).
3. Connect the bare ends of this 25 foot cable to the terminals on the rear of the power supply (Fig. 3, bottom right) using a small flat screw-driver.



FIGURE 1



FIGURE 2

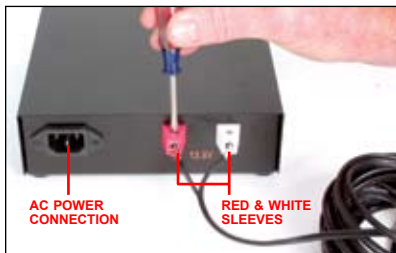


FIGURE 3

- Observing polarity, connect the wire with the ribbed surface and red sleeve to the red (+) terminal. The plain wire with the white sleeve should then be connected to the white (-) terminal (Fig. 4). **NOTE: Reversing polarity may cause damage to the GoldPanther™.**
- Connect the AC Power Cord to the rear of the Power Supply. Plug the AC Power Cord into a convenient 110-120V AC outlet. The unit is now ready for use.



FIGURE 4

MAINTENANCE

No field maintenance procedures should be performed on the Power Supply or AC Adapter. Keep the unit clean by wiping down with a soft cloth. DO NOT use chemical or other cleaning agents as this may damage the finish.

FUSE REPLACEMENT

The fuse is located in the tip of the Accessory Plug. Unscrew the tip of the plug as shown in Figure 5 to remove the blown fuse. Replace with a 250 volt/6.25 amp glass fuse.



No. FAL206 connected to the FAL200.



FIGURE 5

FAL206 CONTENTS:

- 1- Power Supply: 110-120V AC input; 13.4V DC output
- 1- AC Power Cord, 6 foot (3 wire)
- 1- DC Power Cord, 25 foot w/accessory jack
- 1- Power Adapter: Slide-on w/ accessory plug (replaces No. PA6GF30 NiCad 14.4V DC Rechargeable Battery)
- 1- Carrying Case, high-impact molded plastic w/precut foam insert; Dimensions: 13.5"W x 11"H x 5.25"D Weight: 5.94 lbs.

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