

Try these other fine products.

ELK-1 Speaker & Stainless Steel Enclosure

A rugged, quality speaker mounted in a tamper resistant, "No Rust" enclosure. The stainless steel naturally reflects the mounting surface and blends easily with any residential or commercial building.

ELK-14 Universal Speaker

A universal speaker that can be used for paging, voice messages, or traditional alarm signalling. It is rugged and compact, will mount virtually anywhere, and has the quality to produce a loud, clear sound.

ELK-100 High Performance Siren Driver

A Loud, compact siren driver that draws less current than many siren drivers and offers two volume levels (one indoor, the other outdoor) simultaneously. It is well suited for controls that have limited alarm or auxiliary output power and comes pre-wired for ease of installation.

ELK-110 Digital Electronic "Voice" Siren Driver

High quality voice messages and loud attention getting siren sounds in an economical, low current draw, compact package. It has two input channels, multilingual voices, many unique options, and may be used with virtually any residential or commercial alarm installation.

ELK-150 Siren & Stainless Steel Enclosure

A self-contained siren/speaker in the ELK-1 housing, ideal for use with today's popular controls. It draws as little as 700 milliamps and can produce two distinct sounds, even from controls that have only a single alarm output.

ELK-950 Telco & Power Line Surge Protector

A solid state surge suppressor complete with built-in 8-pin (RJ31X) modular jack. Designed to protect the Telephone and AC Transformer Line on an alarm control & communicator. Features a rugged and easy to mount plastic case.

ELK-999 Double Sided Foam Mounting Tape

Closed cell foam tape features an aggressive permanent adhesive on both sides. It may be used in place of mechanical fasteners to mount circuit boards and other devices. The 1/4 " thick foam is flexible and conforms to irregular surfaces. Packed in reusable poly storage box in pre-cut 1/2" x 1-1/2" pieces.

For more information contact your local Distributor or:
ELK PRODUCTS, INC 704/397-4200 FAX 704/397-4415
<http://www.elkpro.com>

Low Battery Cutoff and Master Power Switch ELK-965

FEATURES:

- Works With Any 12 Volt Control Panel
- Automatic Low Battery Cutoff Protects Battery From Deep Discharge
- AC and Battery On / Off Power Switch
- Visual LED Power Indicator
- Installer Friendly - Small Compact Size
- Includes AC Wires & Battery Leads
- Fits Standard Snap Track
- Includes Double Sided Mounting Tape
- Five Year Warranty
- Packed In Reusable Poly Storage Box

SPECIFICATIONS:

- Size: 1.75" X 2.185" (44.5mm X 55.5mm)
- Relay Contacts: 7 Amp @ 28 VDC
- On / Off Power Switch: DPDT Slide Type
- AC Power Leads: 18AWG, 9" Length
- Maximum Transformer Size: 18 Vac
- Battery Leads: 18 AWG, 9" Length
- Low Battery Cutoff Voltage: ~ 9 Vdc

ELK
PRODUCTS, INC.

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Low Battery Cutoff and Master Power Switch ELK-965



APPLICATION:

The ELK-965 is a Low Battery Cutoff Module combined with a Master Power Switch. It is designed to work with virtually any 12 Volt control panel or power supply. In the event of an extended power outage, the ELK-965 sensing circuit automatically disconnects the battery when the voltage falls below 9 Vdc. This helps to prevent "deep discharging" of the battery. The convenient power switch on the ELK-965 permits the installer or user to easily disconnect both the Battery and the AC power from the control or power supply.

Instructions Printed Inside

INSTRUCTIONS

The ELK-965 is extremely useful for adding a Master Power On / Off switch along with automatic low battery cutoff to virtually any 12 Vdc Control Panel or Power Supply.

Installation

1. Disconnect AC transformer and battery from the Control or Power supply.
2. Turn off the Power Switch on the ELK-965.
3. Connect blue wires from the ELK-965 to the AC input of the Control or Power Supply.
4. Connect red and black battery wires from the control or power supply to the male spade lugs on the ELK-965.
5. Connect AC transformer wires to the terminals marked AC IN on the ELK-965.
6. Connect red and black battery wires from the ELK-965 to the 12 Vdc standby battery.

Note: The Control or Power Supply cannot be powered up from the battery only because the ELK-965 battery cutoff relay requires AC power to be on and the Control or Power Supply charging current to be verified before it will energize..

Operation

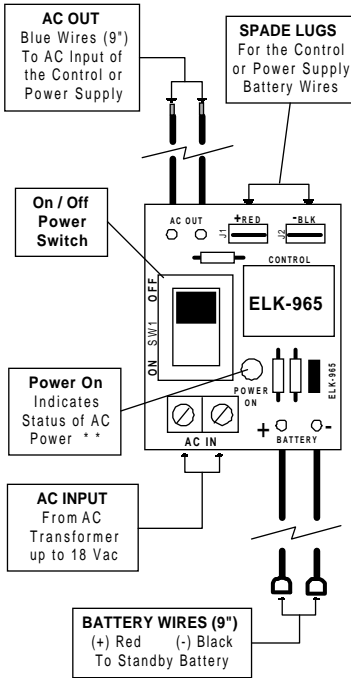
In the event of an AC power outage the battery continues to provide power until it's voltage level drops to approximately 9 Vdc. The ELK-965 will then disconnect the battery, thus shutting off the DC power to the device and saving the battery from a harmful deep discharge condition. The battery remains disconnected until the AC power is restored.

The On / Off switch allows both the AC and DC (battery) power to be turned off to a control or power supply. The green Power On LED primarily indicates the status of the incoming AC power, however it can also provide other useful troubleshooting indications.

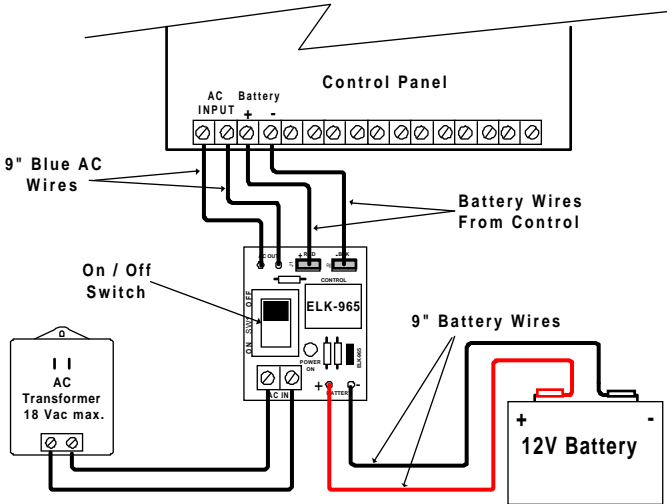
** Green "Power On" LED Indications

LED On = AC Power is On and the red and black battery wires from control are connected.
LED OFF = AC Power is Off or the red and black wires from control are both disconnected.
LED Dim = AC Power On but one of the red or black wires from control is disconnected.

Caution: The ELK-965 cannot determine the status or condition of a battery. This functionality would have to be provided by the control panel or power supply.



Control Panel Hookup



Power Supply Hookup

