

## ACCESSORIES

**SHIPPING CASE:** PELICAN 1500 HARD CASE HAS CUBED FOAM FOR EASY FITTING.

### OPTIONS:

EXTERNAL DIMMER/POWER SWITCH (FACTORY INSTALLED OPTION) #OP-DPS  
AC ADAPTER (UNIVERSAL 100-230V) #PS-DG24

### REPLACEMENT PARTS:

3 X 9V WIRING HARNESS #FLANPRO-WH  
REPLACEMENT FROSTED GLASS #FLANPRO-G  
REPLACEMENT 4 WATT LAMP #FLANPRO-L  
INSTRUCTION BOOKLET #FLANPRO-IB

## ANTIQUE LANTERN

WHEN PLACING THE BATTERIES (AS SHOWN) BE CAREFUL NOT TO DAMAGE COMPONENTS ON THE CONTROL ASSEMBLY. ALSO, ATTACH VELCRO PADS TO BATTERIES WITH WIRING ORIENTED TOWARD THE INSIDE OF THE SPACE. I.E. AWAY FROM BOTTOM.

! CAUTION: AFTER USE THE HEAT SINK WILL BE HOT!



## WARRANTY STATEMENT

OUR PRODUCTS ARE WARRANTED FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF DELIVERY, TO THE ORIGINAL PURCHASER OR LESSEE, TO BE FREE FROM DEFECTS IN MATERIALS OR WORKMANSHIP. \*WE WILL, AT OUR OPTION, EXTEND THIS WARRANTY BEYOND ONE YEAR. THE WARRANTY TERMS STATED HERE MUST BE KEPT TO VALIDATE THIS EXTENSION.

THE SOLE AND EXCLUSIVE REMEDY FOR BREACH OF ANY WARRANTY CONCERNING THE PRODUCTS SHALL BE REPAIR OR REPLACEMENT OF DEFECTIVE PARTS AT NO CHARGE TO THE ORIGINAL PURCHASER OR LESSEE, AT THE DISCRETION OF WILLIAM A MCINTIRE ENTERPRISES.

THESE PRODUCTS ARE DESIGNED AND INTENDED FOR USE BY COMPETENT PROFESSIONALS ONLY. THE INDIVIDUAL USER SHOULD DETERMINE BEFORE USE WHETHER THESE DEVICES ARE SUITABLE, ADEQUATE, OR SAFE FOR THE USE INTENDED. BECAUSE INDIVIDUAL APPLICATIONS ARE SUBJECT TO GREAT VARIATION, THE MANUFACTURER MAKES NO REPRESENTATION OR WARRANTY AS TO THE SUITABILITY OR FITNESS OF THESE DEVICES FOR ANY SPECIFIC APPLICATION. DIRECT, INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES OR LOSSES RESULTING FROM THE USE, OR MISUSE, OF THESE DEVICES SHALL BE THE SOLE RESPONSIBILITY OF THE PURCHASER OR LESSEE.

(SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.)

SUBJECTING THE UNITS TO EXCESSIVELY ROUGH HANDLING, MOISTURE, HIGH VOLTAGES, OVERLOADING THE OUTPUT, OPERATING THE UNIT WITHOUT PROPER VENTILATION, IMPROPER PACKAGING FOR SHIPPING, DAMAGE INCURRED DURING SHIPPING, ANY IMPROPER OR NEGLIGENT USE, OR ANY ATTEMPT TO OPEN, REPAIR OR MODIFY THE UNIT, OR REMOVAL OR OBSCURING OF THE SERIAL NUMBER LABEL WILL VOID THE WARRANTY. WARRANTY MAY BE LIMITED TO ORIGINAL PURCHASER AS SHOWN ON ORIGINAL INVOICE.

## TOYS OR TOOLS?

BOTH... TOYS WHEN ONE IS EXPLORING THEIR MANY APPLICATIONS. TOOLS WHEN THOSE APPLICATIONS SOLVE PROBLEMS ON THE JOB. PLEASE VISIT [WWW.MAGICGADGETS.COM](http://WWW.MAGICGADGETS.COM) FOR UP TO DATE INFORMATION INCLUDING OPERATING INSTRUCTIONS, RESELLER AND RENTAL LOCATIONS, PRICES, AND MORE TOYS!

TRY THESE IN YOUR TOOL BOX  
THEY PROVIDE SIMULATED FIRELIGHT....

FLICKERTORCH KIT AND FLICKERLANTERN "GUTS": INSTALL PARTS IN YOUR OWN LANTERN.

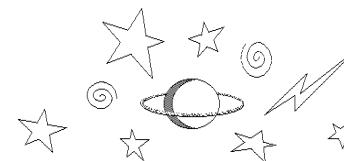
FLICKER 2 DIGITAL\*: A 2,000 WATT SINGLE CHANNEL LIGHTING EFFECTS UNIT WITH HIGH AND LOW DIMMER PRESETS AND 16 EFFECTS. CONTAINS 1 SWITCHING INTERFACE OUTPUT.

2K FLICKER/DIMMER\*\*: A 2,000 WATT SINGLE CHANNEL RANDOM FLICKER EFFECTS UNIT (OR DIMMER) WITH HIGH & LOW DIMMER PRESETS.

SHADOWMAKER: 3 X 2,000 WATT CHANNEL LIGHTING EFFECTS UNIT WITH HIGH AND LOW DIMMER PRESETS AND 16 EFFECTS. CONTAINS 3 SWITCHING INTERFACE OUTPUTS.

\* AVAILABLE IN 2K, 6K, 12K, AND 24K MODELS

\*\* DOES NOT HAVE AN INTERFACE OUTPUT..



# Magic Gadgets

a service of McIntire Enterprises  
12986 MAPLELEAF CT NE, AURORA, OR  
97002 USA TEL. 503 678 6236

[WWW.MAGICGADGETS.COM](http://WWW.MAGICGADGETS.COM)

INSTRUCTIONS and  
SPECIFICATIONS  
for

# FLICKERLANTERN PRO

SIMULATED  
KEROSENE LANTERN

BEST  
THE ONE WITH THE MOST TOYS WINS!

**SAFETY:** FLICKERTORCH KIT IS INTENDED FOR PROFESSIONAL USE ONLY. PLEASE READ THE FOLLOWING BEFORE OPERATING. DO NOT USE WHEN WET. DO NOT USE IN EXPLOSIVE ENVIRONMENT. FOR PROPER INDICATOR OPERATION, USE A GROUNDED POWER SOURCE WITH THE AC ADAPTER SUPPLIED.

**TECHNICAL:** REAL FIRE GIVES BELIEVABILITY TO A SCENE BUT MAINTAINING THE FLAME IS USUALLY A PROBLEM. IT IS DIFFICULT, OFTEN IMPRACTICAL, OR EVEN IMPOSSIBLE TO DO SO, ESPECIALLY WHEN MANY LANTERNS ARE REQUIRED. NOT TO MENTION THE DANGER OF REAL FIRE ON SET OR STAGE! FLICKERLANTERN HAS BEEN DESIGNED TO SOLVE THESE PROBLEMS BY USING A RUGGED 4 WATT LAMP CONTROLLED BY AN INTEGRATED ELECTRONIC DIMMER/FIRELIGHT GENERATOR IN A LOW PROFILE ELECTRONICS PACKAGE. A FROSTED GLASS ENVELOPE AROUND THE LAMP ENHANCES THE REALISM OF THE "FLAME".

## SPECIFICATIONS

**PHYSICAL:** SIZE 5.6" (142mm) WIDE, 12" (305mm) HIGH (APPX.). WEIGHT 3.5 lb (1.59kg).

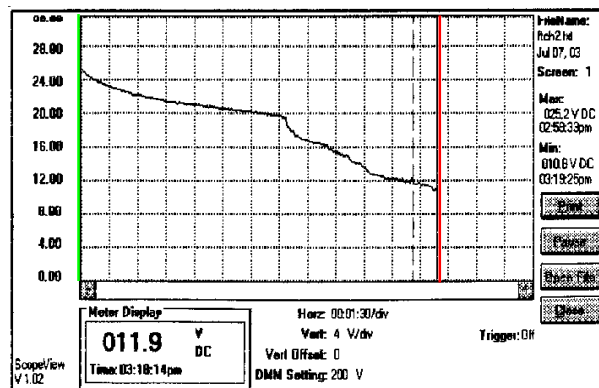


**ELECTRICAL:** THE FLICKERLANTERN POWER SUPPLY CAN BE ANY DC POWER SOURCE UP TO A MAXIMUM OF 27 VOLTS. AN OPTIONAL AC ADAPTER IS AVAILABLE WHICH PROVIDES 24 VOLTS DC. VOLTAGES LOWER THAN 12 VOLTS ARE NOT RECOMMENDED BECAUSE THE "SAG" TIME OF THE BATTERY, I.E. THE TIME OF BATTERY DEPLETION TO THAT POINT WHERE A LOWER LIGHT OUTPUT WILL BE EVIDENT, MAY NOT BE LONG ENOUGH TO BE PRACTICAL. *USE ONLY ALKALINE BATTERIES!*

## POWER SOURCE

AN IDEAL BATTERY POWER SOURCE IN MINIMUM SPACE IS THREE 9 VOLT SNAP CONNECT BATTERIES. THE OPERATING GRAPH BELOW SHOWS TYPICAL OPERATING TIME FROM SUCH A SUPPLY. ATTACH A SMALL PIECE (APPX. 1" X 1") OF THE STICKY-BACK VELCRO MATERIAL PROVIDED TO (3) EACH OF THE 9 VOLT BATTERIES. ATTACH THE SNAP CONNECTS TO THE BATTERIES AND ATTACH THE CONNECTOR TO THE 2 PIN HEADER PLUG ON THE FLICKERLANTERN CONTROL BOARD. DRESS THE WIRES UNDER EACH BATTERY. IF THE UNIT DOES NOT OPERATE REVERSE THE POLARITY OF THE CONNECTOR. THE AC ADAPTER CONNECTOR ON THE BACK OF THE UNIT CAN ALSO BE USED TO CONNECT BATTERIES WIRED THRU AN ACTORS SLEEVE, ETC.

START, DIMMER SET TO MIDDLE      END, 11.9 V, 17 MINUTES



**IMPORTANT: DO NOT ALLOW ANY WIRING OR OTHER MATERIAL TO CONTACT THE LARGE POWER TRANSISTOR AS IT BECOMES HOT DURING OPERATION.**

## BATTERY LOCATION

THE PICTURE BELOW SHOWS TYPICAL 9V BATTERY PLACEMENT.

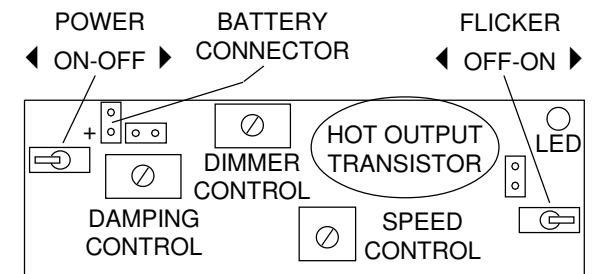


## OPERATION

AT FULL BRIGHTNESS THE 4 WATT LAMP CAN OUTPUT OVER 6,000 POINT SOURCE FOOTCANDLES. THE DIMMER CONTROLS THE LAMP SMOOTHLY FROM FULL OFF TO FULL ON. WHEN POWER IS ON THE LED LAMP WILL INDICATE OUTPUT LEVEL. A DAMPING CONTROL ADJUSTS FLICKER SMOOTHNESS. *THESE CONTROLS SHOULD BE ADJUSTED SLOWLY AND THE EFFECT OBSERVED FOR A PERIOD BEFORE FURTHER ADJUSTMENT.* THE SPEED CONTROL ADJUSTS THE FLICKER SPEED BUT SHOULD NOT BE ADJUSTED UNLESS THE FLICKER SPEED SET AT THE FACTORY IS UNACCEPTABLE. THE POWER SWITCH IS USED TO TURN THE UNIT ON AND OFF AND THE FLICKER SWITCH CAN BE USED TO TURN OFF THE FLICKER GENERATOR....

...IF A STEADY OUTPUT IS DESIRED. NOTE: OPERATING TIME WILL DEPEND ON BRIGHTNESS, FLICKER SPEED SETTINGS, AMBIENT TEMPERATURE, AND BATTERY CONDITION.

SEE ILLUSTRATION BELOW FOR LOCATION OF THE OPERATING CONTROLS AND BATTERY CONNECTOR.



## TIPS, TRICKS & TRAPS

POWER IS BEING CONSUMED EVEN WHEN THE DIMMER CONTROL KNOB IS TURNED ALL THE WAY DOWN AND THE LAMP APPEARS EXTINGUISHED. A GOOD SUPPLY OF FRESH 9 VOLT (EXPENDABLE) ALKALINE BATTERIES IS RECOMMENDED. AFTER A RESTING PERIOD OF A FEW MINUTES MOST ALKALINE BATTERIES WILL EXHIBIT A PARTIAL RECOVERY. ALSO, REPLACING THE WARMEST BATTERY OF THE 3 IN USE WILL EXTEND THE USEFUL LIFE OF THE OTHER 2 BATTERIES. THIS IS ONLY RECOMMENDED FOR SHORT PERIODS OF OPERATION AND ONLY WHEN ECONOMY IS MOST IMPORTANT. NEVER LEAVE DEPLETED CELLS INSTALLED AS CORROSION CAN RESULT.

A FIRE-LIKE COLOR WILL RESULT WHEN THE LAMP IS DIMMED. WHEN A HIGHER OUTPUT IS REQUIRED, USE A (HIGH TEMPERATURE) COLOR GEL AROUND THE LAMP AND SET THE DIMMER TO A HIGH LEVEL. OPERATING TIME WILL BE LESS THAN WHEN DIMMED. BE CAREFUL NOT TO SCRATCH THE INSIDE OF THE FROSTED GLASS WHEN ACCESSING THE LAMP.