



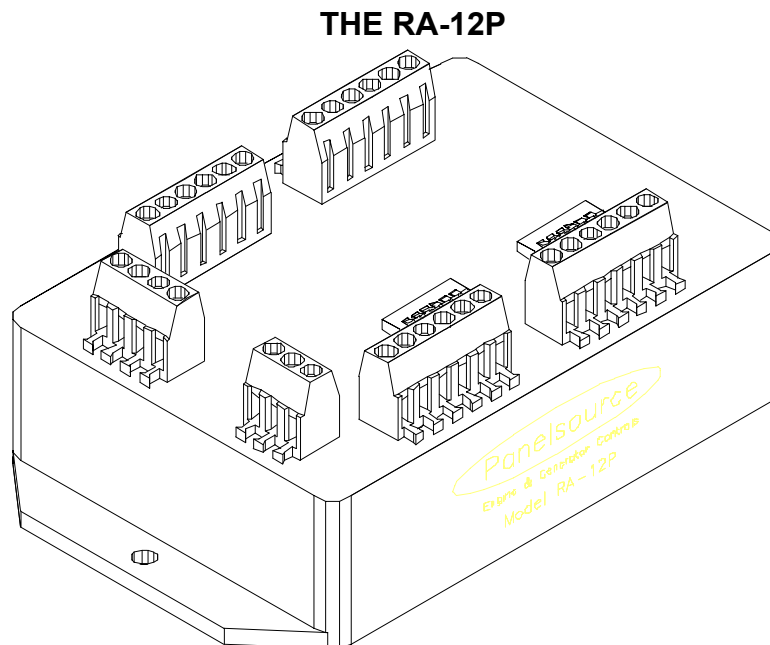
**ENGINE & GENERATOR CONTROLS**

## **RA-12P ANNUNCIATOR MODULE**

The RA-12P annunciator module is designed for up to 12 **positive voltage** input signals at 12 or 24 volts D.C., to give visual and audible alarm for fault or pre-fault conditions. Anti-backfeed circuits are used so incoming signals are isolated from each other, allowing each signal to operate its own lamp/horn without affecting the remaining circuits; this feature also allows for lamp/horn testing with a momentary contact switch. The RA-12P can be programmed to illuminate a lamp (per fault) and sound the alarm horn, or illuminate a lamp only. Proven solid state circuits are designed for long, trouble free service, as there are no moving parts to wear out.

### **OPERATION:**

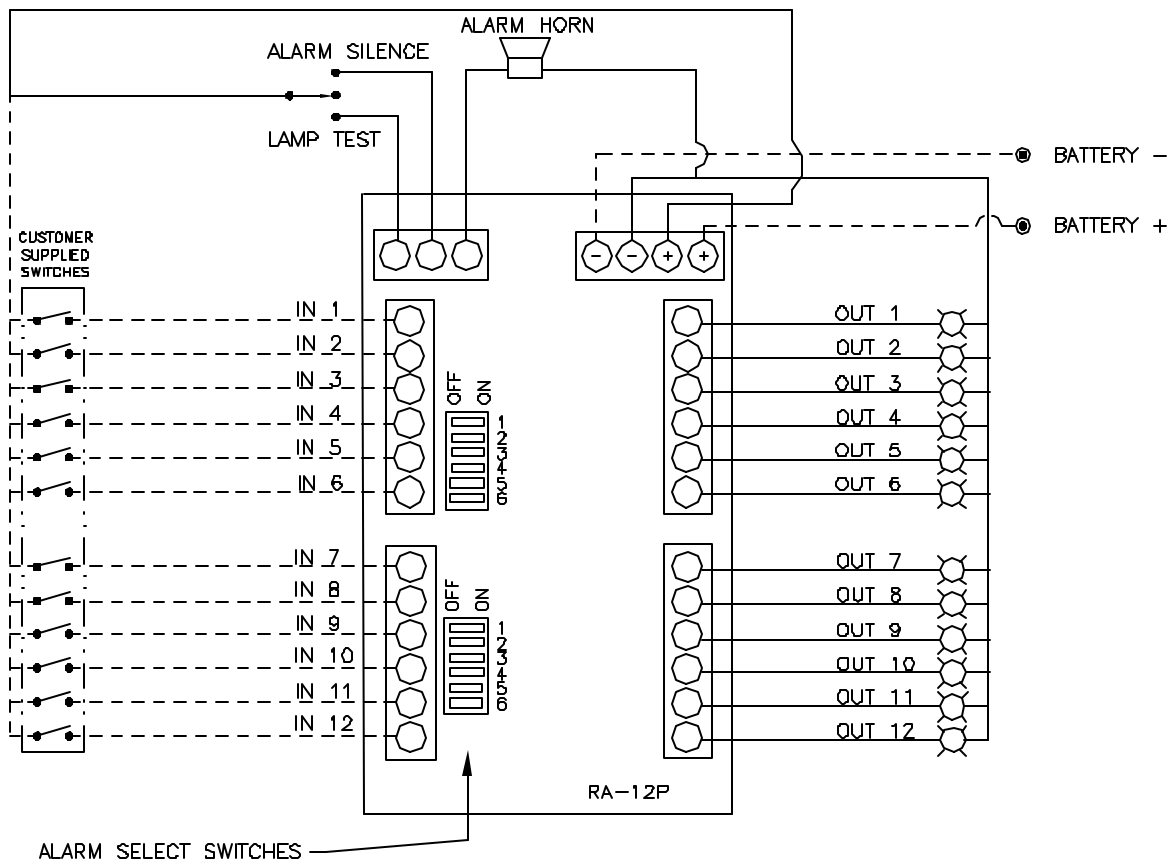
Refer to wiring diagram on page two. Switches from monitored functions are wired into inputs 1 through 12, to apply positive voltage to the appropriate terminal. When a fault is detected, positive battery is applied to the lamp circuit and to the alarm horn. The horn can be silenced, but the lamp will remain lit as long as the fault is detected. If a second fault is detected its respective lamp will illuminate and the alarm horn will again sound. Silencing the horn will leave this lamp and all the previous fault lamps lit provided those faults still exist. This procedure will continue for all 12 circuits if those faults arise. If an alarm horn is not desired for a particular fault, depressing its corresponding dip switch to "off" will silence the horn, but will allow the lamp to illuminate. When a fault condition is removed, the lamp for that fault will turn off, will be ready to announce that fault's next occurrence.



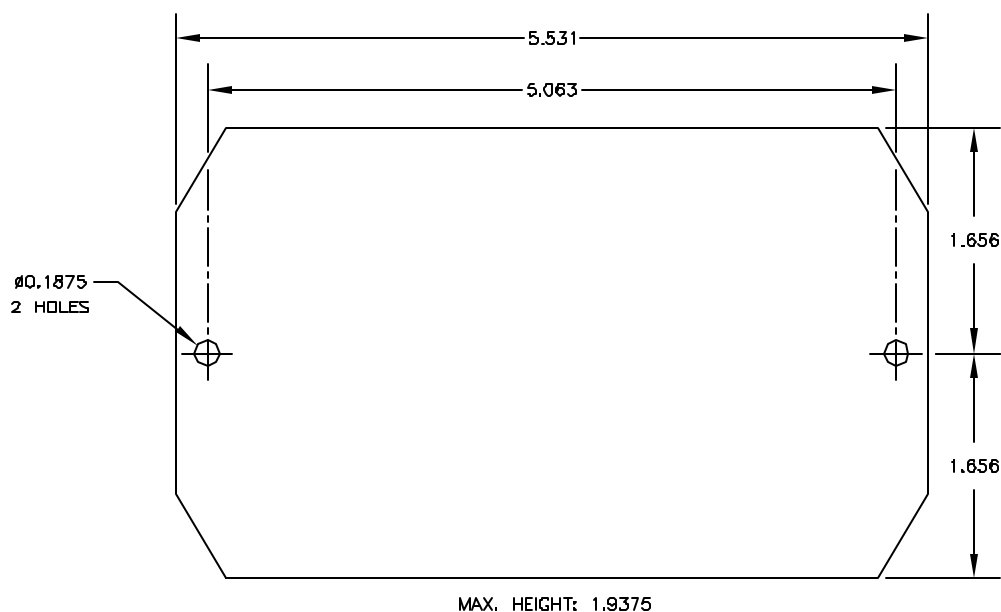
**National Marketing & Distribution by Davidson Sales Co.**

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# WIRING DIAGRAM



## MOUNTING DIMENSIONS



UNLESS OTHERWISE SPECIFIED:  
DIMENSIONS ARE IN INCHES

DO NOT SCALE DRAWING

DRAWN BY: BDB	SCALE: NONE
CHECKED BY:	DATE: 10/17/03

REVISED:

**Panelsource**  
ENGINE & GENERATOR CONTROLS

**RA-12P**

DRAWING NUMBER:  
L6609-A

SHEET 1 OF 1

● EXTERNAL CUSTOMER CONNECTION  
□ TERMINAL STRIP  
— WIRED BY PANELSOURCE  
- - - - - WIRED BY CUSTOMER