

## Waterproof Alarm Box – AC Power with Relay

The ALARM PANEL BOX takes inputs from float switches or other contact closures and signals the event with a bright flashing LED beacon and very loud buzzer.



MULTIPURPOSE ALARM BOX

**THE ALARM BOX WITH RELAY** takes a contact closure from sensing devices such as a float switch, reed switch, or limit switch, and turns it into an audio and visual alarm that can't be ignored.

### Operation

- When a contact closes the beacon flashes and the warbling buzzer sounds. The button silences the peizo-buzzer while the beacon light continues to flash as a reminder until the alarm condition is corrected. Resets automatically for the next alarm.
- A "snooze-alarm" mode repeats the buzzer output every 30 minutes if desired.
- The push-button is always illuminated to show that that power is present.
- Pushbutton tests the circuit when unit is not actively alarming.
- 15A relay switches a load using the [piggyback plug](#), or with model AB-3R, using a separate short cord. (or pigtail receptacle) Either model is field settable to N.O or N.C.

### Installation

Simply connect to your device with a contact close to the jacketed cable, (10 foot length is standard) and then plug in the power cord

### Models Available

- AB-2R Line powered with piggyback plug. [Piggyback cord](#).
- AB-3R Same capabilities as above but has a standard 120VAC plug (NEMA 5-15P) and a short cord with a female receptacle instead of piggyback cord. This also allows use for European and other cords. Please contact us for pricing on foreign cords.
- Standard voltage is 100-250VAC but we also stock voltage converters for 5-24VDC, 24VAC

### Alarm Panel Box Features...

- **Flashing beacon light** is bright enough to be visible in daylight.
- **Loud warbling** tone cuts through the loudest industrial noise.
- **Rugged.** Built for rough, wet and corrosive environments. Washdown duty.
- **Illuminated push button** indicates power present.
- **Compact** - box measures only 4 x 4 x 2 inches.
- **Relay Output** - 15A relay controls 120V pumps to 1 HP.
- **Snooze alarm** - alarm can repeat every 30 mins. if desired.



ALARM BOX CONNECTED TO A LIQUID LEVEL PROBE

### SPECIFICATIONS

- Enclosure.....: PVC, NEMA4X / IP65
- Relay chatter time delay.....500 msec
- Relay mode..... selectable N.O or N.C.
- Cord grip..... PG11, Nylon
- Relay ..... SPDT, 15A up to 277VAC
- Power cord jacket.....SJOOW
- Power cord conductors.....12 AWG
- Communications cable.....PVC jacket 0.032" thickness
- Communications cable.....8 x 24 AWG conductors
- Beacon lens.....polycarbonate
- Beacon LED.....40mA while strobing
- Buzzer volume.....103db @ 2 ft
- Push button.....5mA LED

# ALARM BOX

**The versatile alarm box** monitors any contact closure and responds with a 103dB (very loud) audio buzzer and flashing beacon LED. When the contact is closed, the alarm sounds.

The default operation silences the buzzer when you press the button, while the beacon continues to flash. Other behaviors are easily set from the circuit board such as: 30-minute snooze alarm, delayed output, one time pulse output, or complete shutoff of the beacon and buzzer.

Battery powered model AB-1 has very low power consumption that allows batteries to last 5 years if standing by. A continuous alarm will last four days. It can also be powered from DC line power or AC power.

Also includes these features:

- Silence/test button.
- Slosh delay for liquids.
- Snooze alarm.
- 9V Lithium battery included.
- 20 feet of cable included.
- Power failure detection (model PFA-5)
- Relay output (model AB-2) can control pumps up to 15A.

Installation is as easy as snapping in the battery and connecting the supplied cable to your contact close device. Even the cable is pre-wired to the box.

More information at: <http://drumalarm.com/alarmbox-battery.html>



*EXAMPLE DEVICES WITH CONTACT CLOSE*

