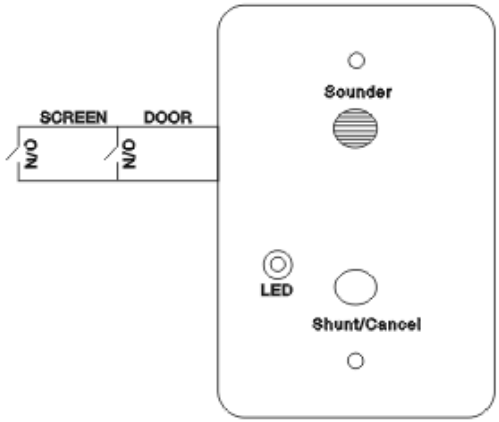
UL Listed Pool Alarms

- Monitors Entry to Pool/Spa Areas
- Listed per U.L. 2017
- Microprocessor Controlled
- Battery Operated
- Low Battery Indicator
- Exceeds Operational Requirements of Model Barrier Codes
- Surface Mount

Part Numbers

- DPA-10 Instant On
- DPA-10D 7 Second Delay

The GRI DPA-10 Series Pool Alarms operate on a 9 volt battery. U.L. requires that a Duracell alkaline battery Model MN1604 be used. Both units will operate at any voltage of 5-15 volts maximum. 12 volts is recommended to prevent sounder volume from dropping below minimum sound pressure levels of 85dB at 10'.



Wiring Diagram

3.38" W x 5.41" H x 1.56" D

U.L. LISTED POOL ALARM

CLOSED LOOP

- ✦ Monitors Entry To Pool/Spa Areas
- ✦ Listed per U.L. 2017
- ✦ Microprocessor Controlled
- ✦ Battery Operated
- ✦ Low Battery Indicator
- ✦ Exceeds Operational Requirements of Model Barrier Codes



DPA-10

PART NUMBERS	
DPA-10	Instant On
DPA-10D	Seven Second Delay

Application:
The GRI DPA-10 Series is designed as an aid to detect unsupervised access to a pool/spa area by a small child. Monitoring a door or window with a magnetic reed switch(es), the DPA-10 Series will sound an alarm should anyone too small to manage the adult pass through feature attempt entrance to the pool/spa area. For maximum protection all moveable openings should be protected in such a manner by the GRI DPA-10 Series. The self contained surface mounted alarm may easily be mounted to the wall of an existing structure.

SPECIFICATIONS:

Battery Type	9 Volt Alkaline Duracell Model MN1604
Typical Battery Life	Approximately 3 to 6 months
Low Battery Mode	8.5 V DC
Mounting Height	Ref. Local Code
Sounder volume	85 dB at 10 Ft. (3.5 M)
Switch	Closed Loop

Description:
The GRI DPA-10 uses a microprocessor to monitor the CLOSED LOOP magnetic reed switch(es), shunt/cancel button, and battery voltage and provides the timing options. Model DPA-10 is set to alarm instantly if the protected door is opened before pressing the shunt/cancel button. Model DPA-10D is set to an initial seven second delay. In which case, the unit will wait 7 seconds upon door opening before alarming. In all cases, depressing the shunt/cancel button will provide a maximum 15 second window of alarm deactivation and automatically reset upon expiration.

The GRI DPA-10 Series operate on a 9 volt battery. U.L. requires that a Duracell alkaline battery Model MN1604 be used.

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GR.I. PLAZA
KIMBALL, NE 69145

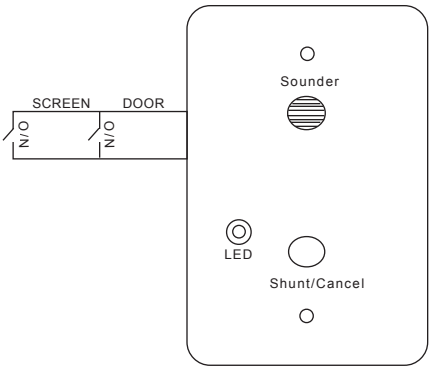
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TOLL-FREE 1-800-445-5218
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(308) 235-4645
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E-MAIL: grisales@megavision.com
WEB SITE: www.grisk.com

U.L. LISTED POOL ALARM

Installation:
Remove the DPA-10 from the surface mount case. A knockout is provided on the back of the case for wire exit. Attach the surface mount case directly to the wall or it may be mounted to cover a single gang electrical box. Attach the 36 inch lead which extends from the Alarm to the door sensor. Connect the Duracell MN1604 alkaline 9 volt battery. The alarm will beep once during power up indicating a successful diagnostics test. Lay the battery in the bottom of the case and reassemble the DPA-10 with the button toward the bottom of the case and the sounder above. Secure with the two screws provided.

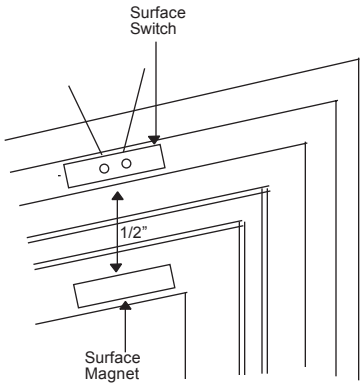
To maintain maximum sounder volume, a low battery mode will be initiated. Should the voltage drop below 8.5 volts, the low battery mode will be triggered and the unit will sound 1 beep approximately every 10 seconds. The battery must be replaced at this time. It is recommended to replace the battery at least once annually.

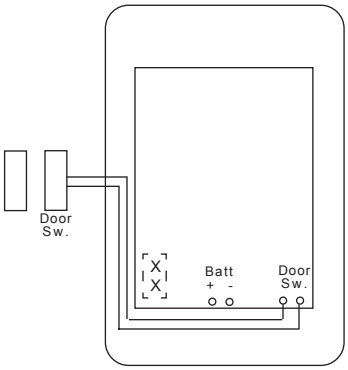


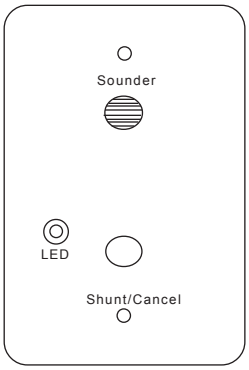
Wiring Diagram

3.38" W x 5.41" H x 1.56" D

When the alarm is sounding, it can only be turned off by pressing the cancel button. If the door is still open 15 seconds after the cancel button is pressed, the alarm will sound again and continue until the door is closed and the button is pressed. The LED will flash once every 10 seconds to provide a visual indication that the unit is working correctly. It will flash in rapid succession to visually indicate the unit is in the alarm mode.







WARNING: THIS IS NOT A LIFE SAVING DEVICE.

WARRANTY:
One year warranty against workmanship, material and factory defects.

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BA-145 Rev E 4/12/2005

When the alarm is sounding, it can only be turned off by pressing the cancel button. If the door is still open 15 seconds after the cancel button is pressed, the alarm will sound again and continue until the door is closed and the button is pressed. The LED will flash once every 10 seconds to provide a visual indication that the unit is working correctly. It will also flash in a rapid succession to visually indicate the unit is in the alarm mode.

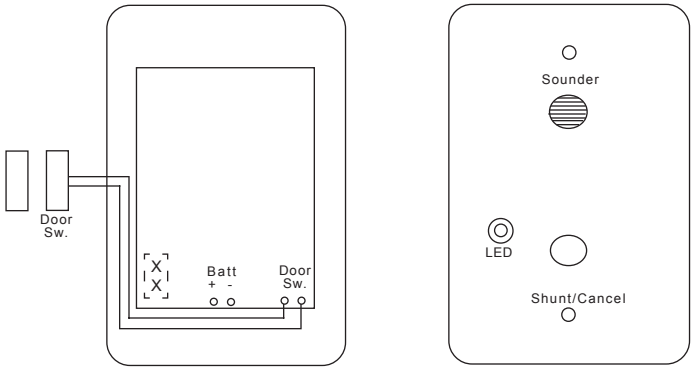


Figure 3

SPECIFICATIONS:

Battery Type	9 Volt Alkaline Duracell Model MN1604
Typical Battery Life	Approximately 3 to 6 months
Low Battery Mode	8.5 V DC
Mounting Height	Ref. Local Code
Sounder volume	85 dB at 10 Ft. (3.5 M)
Switch	Closed Loop

WARNING: NOT A LIFE SAVING DEVICE. It is to be used in conjunction with current safety equipment and procedures to prevent unwanted intrusions into unsupervised areas.

TESTING:

To insure proper operation, this Alarm Device should be tested at least once a week by opening the door and allowing Alarm to sound and depressing Alarm shunt/cancel button.

PRODUCT DESCRIPTION FOR THE POOL ALARM

Model DPA-10, DPA-10-D

UL LISTED

APPLICATION:

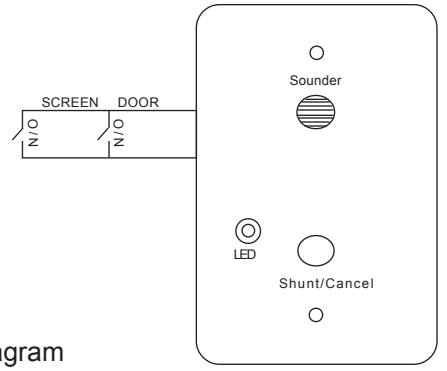
The GRI POOL ALARM is designed as an aid to detect unsupervised access to a pool/spa area by a small child. Monitoring a door or window with a magnetic reed switch(es), the POOL ALARM will sound an alarm should anyone too small to manage the adult pass through feature attempt entrance to the pool/spa area. For maximum protection all moveable openings should be protected in such a manner by the GRI POOL ALARM. The self contained surface mounted alarm may easily be mounted to the wall of any structure.

DESCRIPTION:

The GRI POOL ALARM uses a microprocessor to monitor the CLOSED LOOP magnetic reed switch(es), shunt/cancel button, and battery voltage, and to provide the timing options. The POOL ALARM is set to alarm instantly if the protected door is opened before pressing the shunt/cancel button. Model DPA-10D is set to an initial seven second delay. In which case, alarm will wait 7 seconds upon door opening before alarming. In all cases, depressing the shunt/cancel button will provide a maximum 15 second window of alarm deactivation and automatically reset upon expiration.

The GRI POOL ALARM operates on a 9 volt battery. It is required that a Duracell alkaline battery Model MN1604 be used.

INSTALLATION WIRING



Wiring Diagram

INSTALLATION INSTRUCTIONS

A) Installing the Door Sensor

The GRI POOL ALARM uses CLOSED LOOP magnetic reed switches. The POOL ALARM must be mounted as per local codes and/or regulations. Please confirm Alarm location prior to locating and mounting door sensor. The door sensor consists of two parts: a magnetic switch and an actuation magnet. The switch may be identified by the two exposed terminal screws. Once the Alarm position has been determined, the door sensor must be located and mounted within 36 inches of the Alarm unit. A 36 inch lead is provided from the Alarm unit. Mount the switch to the door frame similar to Figure 1. To ensure proper actuation, the magnet must be mounted within one half inch of the magnetic switch, however, they do not need to touch. The door opening should cause separation of the switch and magnet resulting in an alarm condition. Double sided tape and self tapping screws are provided as methods of switch and magnet mounting. Two switch and magnet sets are provided. One each for the main door and the screen door. If present, the screen door switch should be wired as per Figure 2.

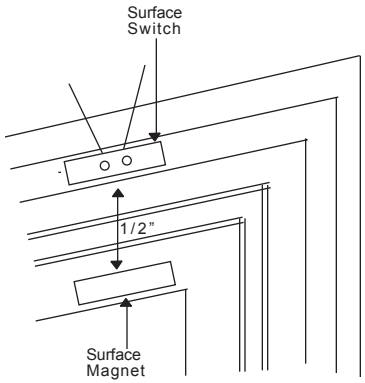


Figure 1

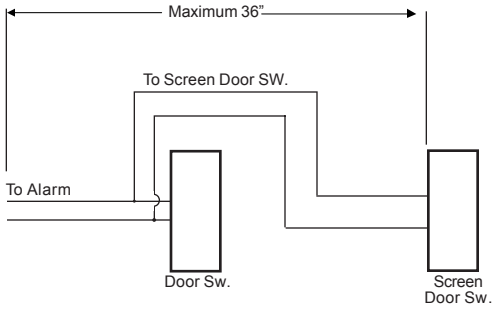


Figure 2

The door switch should have two wires to each terminal position. One set to the Alarm and another set to the screen door switch. This method will allow the main door to remain open for ventilation, but will sound the Alarm when the screen is opened. Both doors will have to be opened before alarming.

B) Installing the POOL ALARM

NOTE: The POOL ALARM must be mounted as per local codes and/ or regulations.

Remove the POOL ALARM from the surface mount case. A knockout is provided on the back of the case for wire exit. Attach the surface mount case directly to the wall. Attach the 36 inch lead which extends from the Alarm to the door sensor. (See Figure 3).

Connect an alkaline 9 volt battery. The alarm will beep once during power up indicating a successful diagnostics test. Lay the battery in the bottom of the case and reassemble the POOL ALARM with the button toward the bottom of the case and the sounder above. Secure with the two screws provided.

To maintain maximum sounder volume, a low battery mode will be initiated. Should the voltage drop below 8.5 volts, the low battery mode will be triggered and the unit will sound 1 beep approximately every 10 seconds. The battery must be replaced at this time. It is recommended to replace the battery at least once annually.