DPARM - Closed Loop Pool Alarm



DPARM

- Exceeds Operational Requirements of Model Barrier Codes
- Battery Power and/or External Power Source
- Instant On or 7 Second Delay
- Microprocessor Controlled
- Low Battery Alert
- Surface or Recessed Models
- S.P.D.T Relay Output Available
- Remote Sounders and Buttons Available

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DPARM (Instant On)
DPARM-D (Delay)

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 tries to enter 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 or mounted inside a single gang utility box.

DESCRIPTION:
The GRI POOL ALARM uses a microprocessor to monitor the CLOSED LOOP magnetic reed switch(es), shunt/cancel button, and supply 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 DPARM-D 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.

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KIMBALL, NE 69145

MADE IN U.S.A.

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CLOSED LOOP POOL ALARM

INSTALLATION WIRING DIAGRAM

Single Door with Screen

If there is a screen door, a switch should be installed on it as well. The switches should be connected in parallel as in Figure 1. In this configuration the DOOR ALERT/POOL ALARM will only activate if both doors are open.

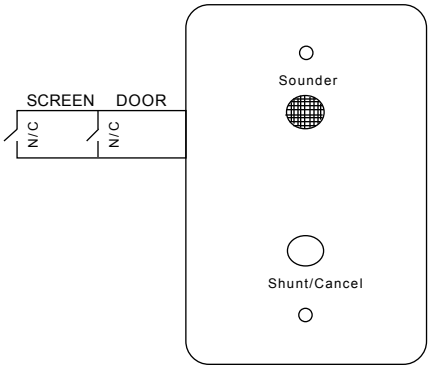
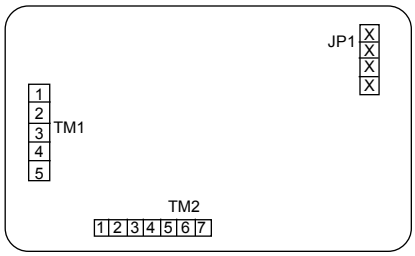


Figure 1. Wiring Diagram

Figure 2. Terminal Connections & Jumpers



TERMINAL TM1
1. External Power (+)
2. Ground
3. Remote Reset/Delay Switch
4. Not Used
5. Door Contact

TERMINAL TM2
1. Remote Sounder Control
2. Remote Power
3. Not Used
4. Relay N/O
5. Relay Common
6. Relay N/C
7. Ground

Sounder Volume Control JP-1

X X / X / X	Full Volume
X / X X / X	3/4 Volume
X / X / X X	1/2 Volume

It is suggested that surge protection, such as the GRI CS-1 Current Sensor, be used between the power supply and all GRI Pool Alarms using external power.

NOTE: Unit will function at minimum 5VDC at a very limited sounder volume. This power level is considered total battery failure.

SPECIFICATIONS:

Battery Type	Standard 9 Volt
Battery Life	Approximately 3-6 months
External Power Supply	12V DC 500 mA Output Applied Voltage must not exceed 15 Volts DC
Low Bat Mode	6.5V DC
Mounting Height	Ref. Local Code
Sounder Rated	85 dB at 10 Ft. (3.5 M)
Switch	Closed Loop

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

Relay Contacts

Nominal Switching Capacity	2A 30 VDC
Max Switching Power	60 Watts
Max Switching Current	2 Amps

DISCLAIMER

The G.R.I. Door Alert/Pool Alarm is not a life saving device. Its' intent is to serve strictly as a monitoring device on doors and windows to help prevent unattended access to pool and spa areas.

CONTACT YOUR G.R.I. DISTRIBUTOR OR CALL:

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