

# AquiTron | AT-RAP-12/24

Remote AlarmPanel



**INSTALLATION  
& OPERATION  
INSTRUCTIONS**



# AT-RAP-12/24

## Remote Alarm Panel

Please read these instructions carefully and keep them in a safe place (preferably close to the module) for future reference. These instructions must be followed carefully to ensure proper operation. Wiring of this alarm panel should be carried out by a suitably qualified technician in accordance with the applicable regulations and standards in the relevant industry/ country. This manual is intended as a guide and Aquilar Ltd bears no responsibility for damage or injury arising from incorrect installation of this and any supplementary equipment.

### A. GENERAL INFORMATION

Designed to fit on a standard single gang flush or surface box (optional), the AT-RAP can be easily mounted to a walls or other flat surfaces. Its small size makes it ideal for installation where space is at a premium, or where an unobtrusive appearance is desired. The AT-RAP is designed to allow a remote indication that a leak detection panel has gone into alarm. It can be easily reset at the main alarm panel. If visual indication only is required, the sounder can be disabled via an internal jumper.

#### TOOLS REQUIRED

- Drill or hole punch for electrical conduit entries
- Small flat-head screwdriver

#### STORAGE

Keep the module in a dry place prior to installation to avoid possible damage to

#### INSTALLATION ITEMS (NOT SUPPLIED)

- Wall fasteners for surface mounting

### B. PRODUCT INFORMATION

#### AT-RAP

12/24V ac/dc (+/- 10%)  
DO NOT EXCEED VOLTAGE

#### INTERCONNECTION CABLE

Max 500m (1640ft) Twisted screened cable

#### POWER CONSUMPTION

50mA

#### AUDIBLE ALARM

90dB at 1 metre

#### STATUS LED

Normal - GREEN, Alarm - RED

#### NUMBER OF INPUTS

1

#### TRIGGER CIRCUIT

2 Wire

#### TEMPERATURE

**Operating:** 5°C to 40°C  
**Humidity :** 5% to 80% non-condensing

#### DIMENSIONS

85mm x 85mm x 30mm (WxHxD)

#### ALARM PANEL COMPATABILITY

All EcoLeak, AquiTron and TraceTek alarm panels

#### APPROVALS

Approvals Pending

## AT-RAP Remote Alarm Panel

### C. ALARM PANEL MOUNTING

The AT-RAP should be mounted on an internal flat surface away from direct contact with water.

2 x fixing holes are provided to enable fixing to a minimum 32mm deep single gang switch/socket box.

When making off cables for termination, sufficient length should be left to allow removal and easy access to the electronics mounted on the plate.

### D. POWER CONNECTION

This remote alarm panel requires its own 12/24V ac/dc power supply (available separately - Part Code 3680). This can be situated locally or at the alarm panels location. This should be connected to the power terminals.

### E. ALARM CONNECTION

#### TWO WIRE ALARM TRIGGER

Any volt free contact can be used to trigger the AT-RAP.

The contact must be normally open and close on alarm.

The two wires should be connected into the input terminals (not polarity sensitive).

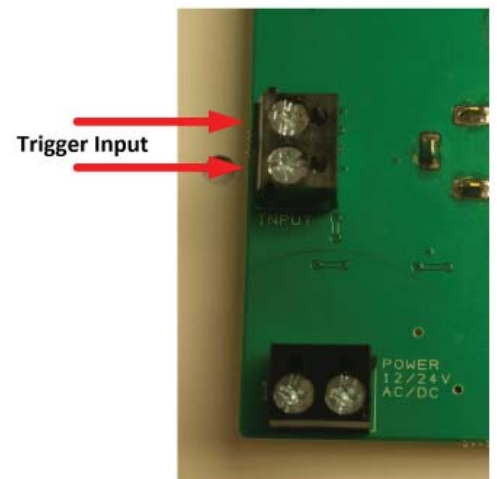
If the AT-RAP is being used on an AquiTron or TraceTek alarm panel these wires should connect into the common (C) and normally open (N/O) terminals of one of the volt free relays.

**NOTE: It is not recommended to connect more than one trigger circuit into each AT-RAP.**



12/24Vac/dc

DO NOT EXCEED VOLTAGE



Trigger Input



**WARNING:**  
To avoid electrical shock  
all wiring must be done  
with power off.

## AT-RAP Remote Alarm Panel

### F. INSTRUCTIONS FOR USE

A volt free closed contact across the input terminals will cause the unit to go into alarm.

The green LED push button will turn red and an audible buzzer will sound.

Pressing the button will mute the buzzer. This will NOT reset the LED. This can only be reset when the master panel is reset or circuit opened across the trigger input contacts.

### G. DISABLING THE BUZZER

Removing the jumper on LK1 will disable the internal buzzer.

To enable the buzzer, simply replace the jumper.



**Important:** All information, including illustrations, is believed to be reliable. Users, however, should independently evaluate the suitability of each product for their application. Aquilar Limited makes no warranty as to the accuracy or completeness of the information, and disclaims any liability regarding its use. The only obligations of Aquilar Limited are those in the Aquilar Standard Terms and Conditions of Sale for this product, and in no case will Aquilar Limited be liable for any incidental, indirect, or consequential damages arising from the sale, resale, use or misuse of the product. Specifications are subject to change without notice. In addition, Aquilar Limited reserves the right to make changes – without notification to Buyer – to processing or materials that do not affect compliance with any applicable specification.

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