



**Diamond
Controls®**

Leak Detection & Trace Heating Systems

DATASHEET



AT-RAP

Remote Alarm Panel

The AT-RAP remote alarm panel interfaces to all the AquiTron and TraceTek leak detection panels. The AT-RAP incorporates an audible and visual (LED) indication when an alarm is present with a push button to mute the audible alarm.

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Simple Operation

The AT-RAP operates on a closed signal from the volt free contact within the master control panel. The push button incorporates a bi-colour LED to indicate the operating status of the unit.

Versatile Design

Designed to fit on a standard single gang socket box (not included) the AT-RAP can be easily flush mounted to a wall 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 can be easily muted by pushing the central button. The unit self-resets once the alarm has been reset at the main alarm panel. If visual indication only is required, the sounder can be disabled via an internal jumper.

Applications

Suitable for installations within reception areas, security rooms, porter lodges and locations where a remote signal is required. POWER ON - Green LED, ALARM - Red LED. Leak, cable break or fault (depending on connection used).

Technical Information

Interconnecting alarm signal cable	A2 core screened cable with a maximum length of 500 meters (1640 ft).
Interconnecting alarm	Alarm Trigger should be volt free.
Plate	Powder coated white (RAL9010) steel plate with stainless steel button. Other colour options are available for special order.
Power supply	2336 - 12/24V ac/dc (+/- 10%) 2338 - 230Vac
Audible alarm Status	90dB at 1 meter c/w mute switch.
LED Operating signal	Power (Green), Alarm (Red) Close contacts for alarm.
Dimensions	Plate - 85 x 85mm (rounded corners), Minimum depth required within mounting box - 2336 = 32mm, - 2338 = 35mm

Ordering Information

Catalogue Number	2336 AT-RAP-12/24 Remote alarm panel (12/24V ac/dc) 2338 AT-RAP-230 Remote alarm panel (230Vac)
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Ordering Information

Electromagnetic compatibility (EMC)

Compliant with standards for emissions

BS EN IEC 61000-6-3:2021

Compliant with standards for immunity

BS EN IEC 61000-6-1:2019

Ancillary Products

Catalogue Number

3550 AT-CC-100 Communication Cable, LSOH, 2 pair screened 4 core cable - 100m reel.

3675 AT-PSU12-1 Power Supply Unit.

3480 AT-PSU24-1 Power Supply Unit.

7255 12Vdc Plug-In Supply Unit.

Important: All information, including illustrations, is believed to be reliable. Users, however, should independently evaluate the suitability of each product for their application.