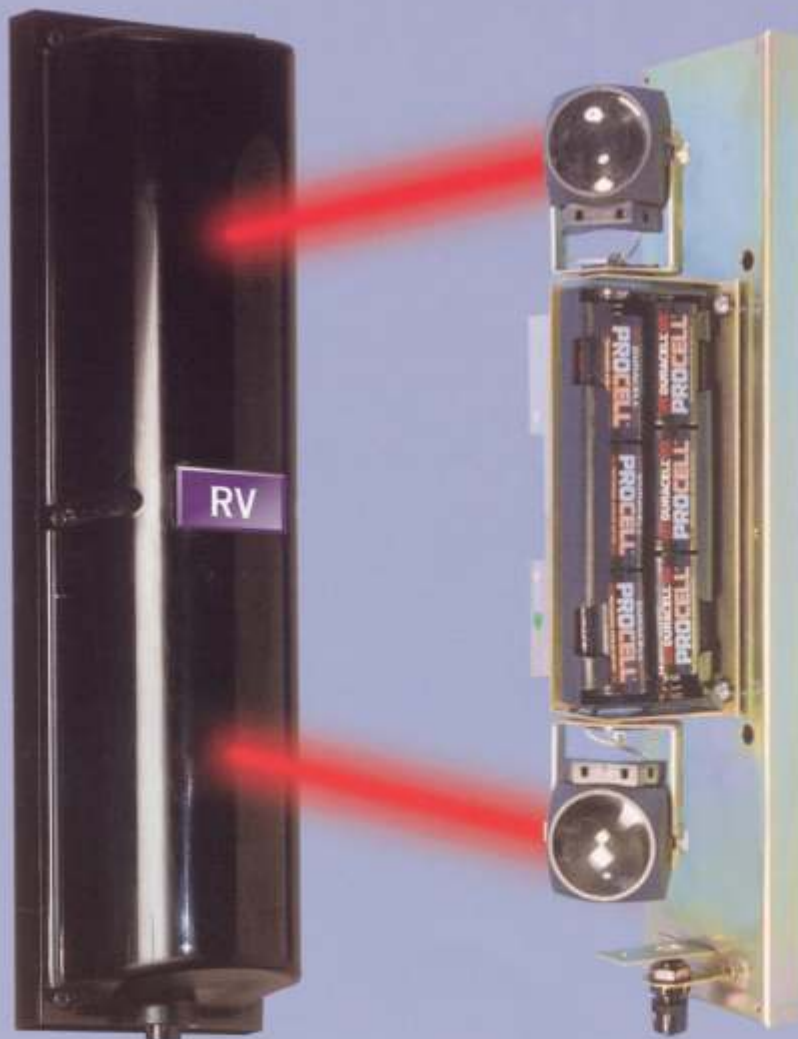


THE INTELLIGENT BATTERY OPERATED ACTIVE INFRA-RED MULTI-BEAM SET

The 9v D.C. low current active Infra-Red Multi-Beam set consists of a dual optic transmitter unit and a receiver unit each powered by six integral 1.5v 'C' type batteries. When used in conjunction with a radio alarm system the set would provide a wire free installation for rapid deployment making it the ideal solution for driveways, outbuildings, and remote locations where power is unavailable.

A conventionally powered 12v D.C. version of the receiver with a C/O alarm relay is also available. This is designed to be fully compatible with the battery powered transmitter.



Active Infra-Red Receiver

Active Infra-Red Transmitter

RADIOVISOR DETECTOR RANGE



Features:

- Battery powered transmitter.
- High/low transmitter power selector.
- Transmitter auxiliary inhibit input.
- Battery powered receiver with NPN open collector alarm output.
- Battery life expectancy 6 months - TX
3 months - RX (quiescent state).
- Conventionally powered receiver option.
- Audible low battery warning TX/RX.
- Adjustable dwell time 2-15 secs.
- Alignment output voltage.
- Receiver enclosure tamper.
- Range up to 100 metres (external).
- Dual Multi-Beam optics.
- Pole or wall mounting.



Secure in the knowledge
of experience

Single Zone

Driveways and entrance gates etc, where power is available on one side only.

Application shown using conventional hard-wired receiver.

Refer to Note 4.

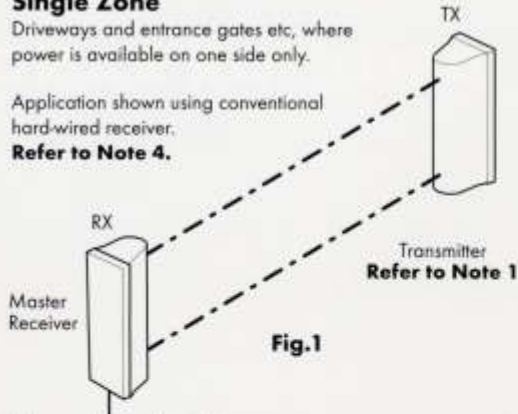


Fig.1

Alarm and power hard-wire connections to control system (not supplied).

Refer to Note 4.

Application shown using battery powered Receiver.

Refer to Notes 1&3.

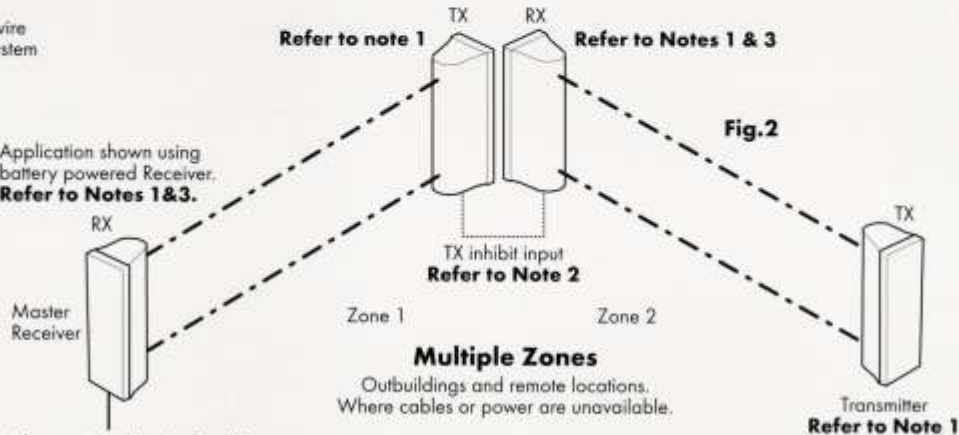


Fig.2

Multiple Zones

Outbuildings and remote locations. Where cables or power are unavailable.

Alarm output via wire-free IR Dual Beam communication or Radio Alarm Transmitter and Receiver (not supplied).

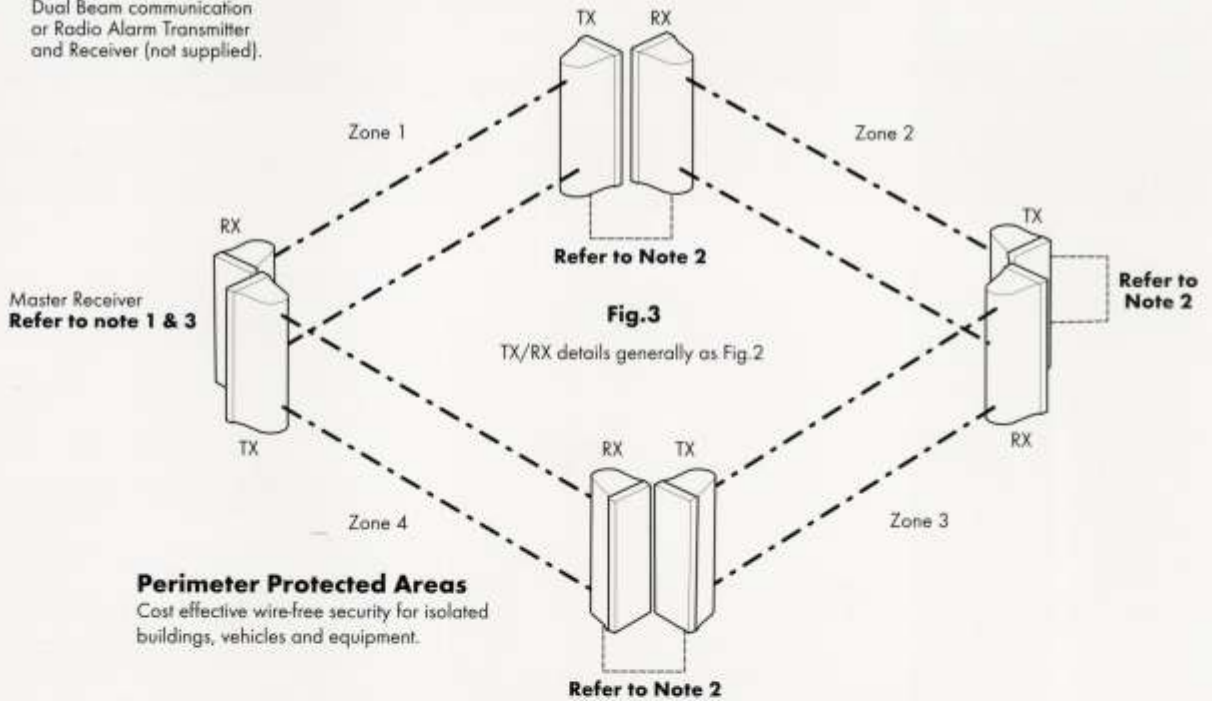


Fig.3

Perimeter Protected Areas

Cost effective wire-free security for isolated buildings, vehicles and equipment.

Notes/Technical Information

1. The 9v D.C. TX/RX units are powered by six integral 'C' type batteries (not supplied as standard).
Battery life expectancy:
TX - 6mths and RX - 3mths (quiescent state) subject to using recommended cells. Battery TX current 1 mA - Battery RX Current 2.5 mA.
2. By wiring the RX alarm output (or any n/c aux contact) into the TX inhibit input terminals it is possible to generate a full alarm at the designated 'Master' RX without additional interconnecting cables between zones.
3. TX/RX audible low battery warnings are given at Receiver where applicable.
4. The 12v D.C. Receiver option has a C/O alarm relay. RX current 20 mA quiescent state - Alarm conditions 5 mA.

Further information on Geoquip Systems can be obtained from:-

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