

## Radio Frequency Distress Alarm System

The Radio Frequency Distress Alarm enables you to raise an alarm up to 60 metres away by remote control.

It consists of a single portable unit, which is plugged in to any convenient 13 Amp socket.

In addition to this unit, you will require a Radio Frequency Transmitter with which to operate it. Several styles are available with various switch types.

There are no limitations of direction or walls (except large areas of metal) to the operation of this system.

The system is easily portable between rooms in the home, neighbours within the appropriate range and be taken to holiday accommodation or when visiting family and friends.

It may be used in any country with a 220/240 mains voltage system but may require an adapter for different plug types.

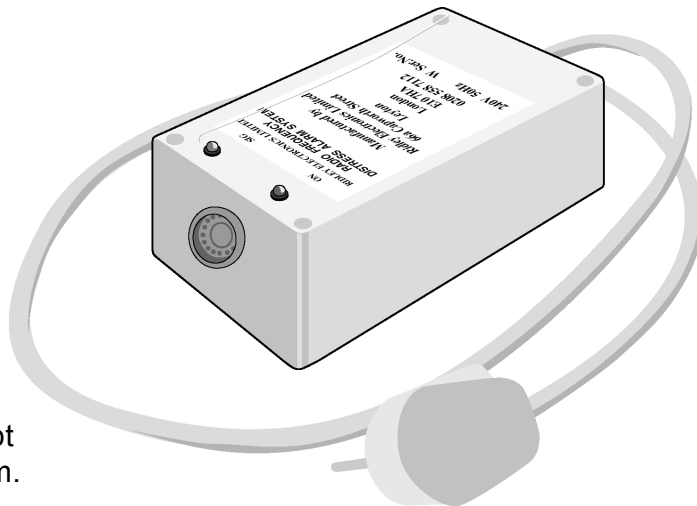
It may often also be useful when someone goes in to respite care, transferring and using a system they know and are comfortable with.

### OPERATION

The user simply operates the switch on their Radio Frequency Transmitter for a full second to set the Alarm off, provided that they are within 60 metres of the plugged-in switched-on Unit.

Operating the Transmitter a second time after a period of 5 seconds cancels the alarm.

This offers two levels of communication, since a short sounding of the Alarm would ask the carer to come as soon as convenient.



Continuous sounding would mean that the user was in difficulties and the carer would need to hurry.

User and carer can then use and respond to the alarm in the most appropriate way for greatest reassurance.

### EQUIPMENT SPECIFICATION

The Alarm Unit consists of an individually coded Radio Frequency Receiver and a Pulsed Tone Alarm.

The Receiver receives the coded radio frequency signal, which the Transmitter sends out and switches on the Pulsed Tone Alarm, which has a very strident and clearly distinguishable sound quality.

An aerial on the unit helps with the receiving of the signal from the Transmitter and should be handled with care, since a shortened or broken aerial will cause problems with reliable signal reception.

The green indicator light on the Unit shows that the Unit is switched on correctly and ready to receive a signal.

The red light flashes to show that a signal is being received. This latter is used for diagnostic purposes in the event of a query.

## VARIATIONS

A Continuous Tone Alarm may be provided in place of the Pulsed Tone Alarm if preferred.

Also available, but possibly requiring some wiring work, are an External Siren, a Flashing Xenon Beacon and a Vibratory Alarm.

The visual and vibratory alarms are hard wired to the Alarm Unit, and may be in place of or additional to the audible alarm.

Other methods of setting off the alarm are available if the use of a Transmitter is not appropriate. e.g. Curtain PIR Detector to create safety zones for your charge.

## TROUBLESHOOTING

The unit has a Fuse, which should be checked in the event of failure.

**UNIT MUST BE DISCONNECTED FROM THE MAINS BEFORE ATTEMPTING TO REMOVE THE FUSE.**

The black **FUSE** knob is at the end of the Unit where the mains cable emerges, and is simply unscrewed to gain access to the fuse.

**Fuse = 1 Amp 20mm Slow Blow.**



USES PP3 (9V) BATTERY

## ABOUT THE TRANSMITTER

The Transmitter is supplied and priced separately since there are a variety of styles available to serve a client's needs and wishes in the best way.

Variations, which affect your choice, may be:

- ❖ Switch type to suit your lifestyle and abilities.
- ❖ Extras – Neck Cord, Wrist Cord Tripod.
- ❖ More than one required – one mobile and one fixed.
- ❖ More than one person in a residence may need the system and require a Transmitter each.
- ❖ Extra button versions for more facilities

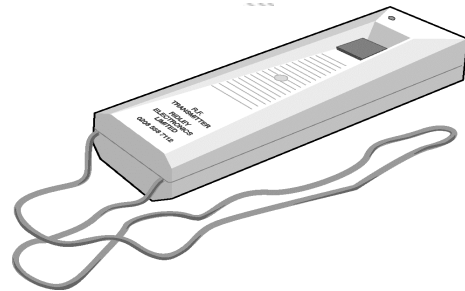
All Transmitters are battery operated, mostly with a battery life of at least a year on average.

**An enquiry into any reduced efficiency of the system should begin with a change of battery.**

Transmitters should be kept clean and dry (with the exception of the waterproof version) since any liquid entering the Transmitter will cause corrosion of vital parts and failure.

A Separate sheet is available for a fuller range of Transmitters – shown below is the most commonly chosen style.

### **STANDARD PUSH BUTTON TRANSMITTER WITH NECK CORD**



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