



Evacuator Defender Wireless Alarm

SPECIAL WARRANTY NOTES:

THE "DEFENDER WIRELESS" SERIES OF ALARMS DO NOT CARRY AN IP RATING AND THEREFORE YOUR GUARANTEE WILL BE VOID IF USED OUTDOORS.

CLAIMS UNDER OUR NORMAL GUARANTEE WILL NOT BE HONOURED UNTIL THE UNIT HAS BEEN TESTED FOR MISUSE, **THIS INCLUDES WATER DAMAGE.** IF YOU REQUIRE A WATER REPELLANT UNIT WITH AN IP65 RATING PLEASE ORDER OUR **"TOUGHGUARD WIRELESS MODEL"**.

AS WE CANNOT DETERMINE THE USE OR APPLICATION OF OUR PRODUCTS WE CANNOT COVER THE LIFE OF THE BATTERY PACKS SUPPLIED WITH THE UNIT.

THEREFORE CLAIMS FOR "FLAT BATTERIES WILL NOT BE ACCEPTED". REPLACEMENT BATTERIES WILL ONLY BE SUPPLIED ON A RESALE BASIS.

Features of the Alarm include: -

- ✓ Class 1 Radio Technologies
- ✓ CE Approved radio system
- ✓ Complies with ETSI-300-220-1 (use of Radio Technology in emergency equipment.)
- ✓ Complies with HSG168 (fire regulations for construction sites.)
- ✓ Easy installation
- ✓ Low Battery warning indicator
- ✓ Silent Test Mode
- ✓ 118DB Sounder
- ✓ Bright Xenon Strobe Light
- ✓ Powerful and Secure Long Range Transmitter (penetrates concrete and steel structures)
- ✓ License Free Radio Technology
- ✓ Device activation indicator
- ✓ No need for Complicated USB programming
- ✓ No Need for specialist installation teams
- ✓ A Totally wire and cable free system
- ✓ 256 devices can be linked per zone (16 zones)

What's in the Box

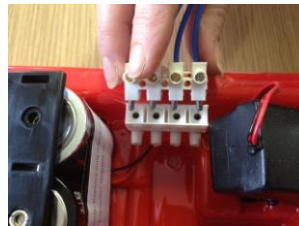
- 1 Evacuator wireless
- 1 Whip Antenna
- 1 Evacuator Power pack containing 6 x Energizer D Cells
- 1 Instruction Booklet

Installation of the Defender Wireless Alarm

1. Check the contents of the box carefully.
2. The units should be sited in accordance to your **Risk Assessment**.
3. Remove the battery clip from the power pack the battery pack can now be removed from the backplate by releasing the Reusable Cable tie (as per image below). The back tray has four pre drilled mounting points for you to mount the unit to the wall, post etc



4. Fix the unit to the wall making sure the siren is at the bottom. Now refit the Battery pack using the resettable cable tie supplied.
5. Push fit the pp3 style battery clip onto the battery pack (the clip will only fit one way)
6. Plug in the white four way connector block from the front cover to the base plate making sure that all screws are facing the same direction.

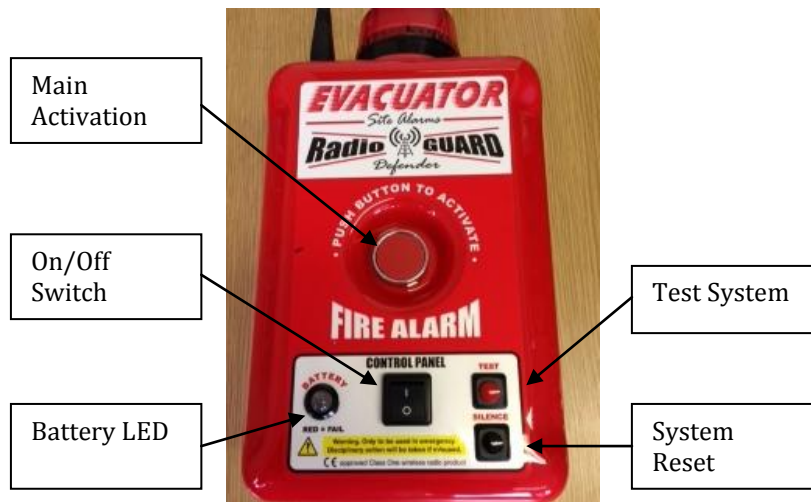


7. Fix the front cover to the backplate and secure the front panel using the two chrome screws, one at the top and one at the bottom.
8. Switch the unit on using the on/off rocker switch, the single LED will now glow green to indicate the battery is in good condition, the unit is now ready in Standby mode.

Should you require assistance with the configuration or installation of the units, please call the "Evacuator helpline" on 0845 130 7258 during office hours.

Push Button Control Panel

The Units have three Push Buttons. Main Activation, Reset and Test. We also have a master on/off switch along with one "battery test LED"



Main Functions of Push Buttons

- **Main Activation (red push button)** – Activates a full alarm (audible & visual) on the device and any other devices on the same frequency that is paired and in range.
- **Test Button (red)** – Activates the strobe light and the battery test LED's on the device and any other devices on the same frequency that is paired and in range.
- **Reset System (black)** – Resets the device back to standby mode and any other devices on the same frequency that are paired and in range.
- **On/Off Switch** – Closes the unit down into safe storage mode. (Please remove batteries for long term storage to avoid leaking cells that may damage the unit)

Please Note – After each command allow a minimum of 80 seconds for the system to reset i.e. If you are silent testing the system via the red button and you hit the black system reset button allow the system 80 seconds for it to go back into Standby mode. This also applies to the main Activation button.

Testing the System (Red Button)

This enables the user to visually check that units are in range without activating the sounders. We recommend that the system is tested on a regular basis (see your Risk Assessment). Pushing the red Test System Button will illuminate the LED and flash the strobes on the panel of the unit plus any units within range and on the same frequency.

Flashing Strobe = In Range

Green LED = Good Battery

Red LED = Low Battery

Pushing Reset Button (black) will take the units out of test mode.

(Please remember to wait a minimum of 80 seconds before a Test/Activation can be run)

Full Activation (Central Red Button)

Pushing the main Activation Button (Red) will put the system into full alarm. Full alarm will trigger both the Strobe light and Siren on the unit plus any other devices on the same frequency that is in range.

The system can be silenced and reset from any unit by pushing the black reset button. However the device that initiated the full alarm will continue to flash the strobe until a further push of the reset button is made on the flashing device that activated the system. This allows the user to identify the unit that triggered the alarm.

(Please remember to wait a minimum of 80 seconds before a Test/Activation can be run)

Batteries

The unit is run off 6 x D Cell Alkaline batteries mounted in a spring loaded black plastic case, we recommend replacement batteries to be Energizer brand part code LR20-AM1 1.5V. Any other cells may not return the specified duration and could cause the unit to malfunction; this may also void your Warranty. In case of difficulty obtaining replacement cells please call the Evacuator helpline on 0845 130 7258.

Evacuator Site Alarms

Evacuator 3 Month Limited Warranty

This warranty is limited to the original purchaser and is not transferable. REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE REMEDY OF THE PURCHASER.

This warranty covers only these products purchased from an authorized Evacuator dealer. Third party transactions are not covered by this warranty. Proof of purchase is required for warranty claims. Further, Evacuator alarms reserves the right to change or modify this warranty without notice.

Damaged Units

EVACUATOR ALARMS OR ASSOCIATED COMPANIES WILL NOT BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES, LOSS OF PROFITS, DEATH OR PRODUCTION OR COMMERCIAL LOSS. IN ANY WAY CONNECTED WITH THE PRODUCT WHETHER SUCH A CLAIM IS BASED IN CONTRACT, WARRANTY, NEGLIGENCE OR STRICT LIABILITY. Further, in no event shall the liability of Evacuator Alarms exceed the individual purchased price of the product which liability is asserted. As Evacuator Alarms has no control over use, setup, final assembly, modification or misuse, no liability shall be assumed nor accepted for any resulting damage or injury. By the act of use, setup or assembly, the user accepts all resulting liability.

If you are the purchaser or user and are not prepared to accept the liability associated with the use of this product, you are advised to return this product immediately in new and unused conditioned to the place of purchase.

NOTE: WE RESERVE THE RIGHT TO CHANGE PRODUCT SPECIFICATION WITHOUT PRIOR NOTICE. E & OE

Warranty Exclusions

Battery Packs, Damaged Cases, Control Buttons, Key Switches, LED's and Strobe lights. The operation of the PCB is not covered if it is evident that the unit has been misused or suffered an impact to any part of the exterior casing.

Technical Specification

Electrical Characteristics	Min	Typical	Max	Dimension
Supply Voltage (6 cell unit)		9	9.4	V
Supply Current		>1		mA
Frequency		868.5		MHz
RF Output Power (ERP)	-		100	mW

Special Notes on Evacuator Battery Duration

The radio transceiver featured in each Evacuator wireless alarm is designed to operate on dry cell D Type battery packs (Energiser LR 20 ultra plus cells). The cells will return around 2200 Hours of operation in standby mode. Battery duration will vary dependent on the following conditions >

- A. The number of Test or Alarm activations.
- B. The environmental temperature.

Evacuator "wireless site alarm models" have been specifically designed as an audible and visual manual means of raising an alarm. These units do not offer automatic fire detection.

Please use your battery fuel sensibly and SWITCH OFF WHEN NOT IN USE.

There is no benefit to the user to leave the units switched on when not in use, this will only unnecessarily use valuable battery fuel.

The manufacturer has no control over the installation of usage of this product there for we cannot guarantee or will not replace battery cells under our normal warranty.

Once the RED LED/S begin to flash you must replace battery/s IMMEDIATELY, failure to so could result in system malfunction.

IF IN DOUBT CONTACT OUR TECHNICAL DEPARTEMENT ON 0845 130 7258