Evacuator Tough Guard Wireless Instructions

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.

IMPORTANT: PLEASE READ INSTRUCTIONS <u>IN FULL </u>BEFORE USE

- ✓ *Class 1 Radio Technology*
- ✓ *IP65 (Total protection from dust and low pressure water jets.)*
- ✓ *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 indicators*
- ✓ *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*

What's in the Box
- o 1 Evacuator wireless
- o 1 Evacuator Power pack
- o 1 PP9 Cell
- o 1 Instruction Booklet
- o 1 Pack of waterproof screw covers
- o 1 On/Off Key

Installation of the Tough Guard Wireless Alarm

1. Check the contents of the box carefully.
2. The units should be sited in accordance to your **Risk Assessment**.
3. Each Evacuator is supplied with four internal screw cap covers; these should be used at all times to maintain the **IP Rating** of the enclosure.
4. Once the unit location has been determined, the front cover should be removed from the Evacuator back box followed by both battery packs, removal of the battery packs will enable the user to access the four mounting points (one in each corner of the enclosure) these points should now be drilled through to fit number 6 or number 8 screws. Please also note that the 16 way loom connector block can also be **carefully detached** from the PCB so that the front control panel cover can be separated from the back box, this will help when fitting the unit to the desired mounting site.
5. Now fix the unit to the wall, or designated location making sure the strobe light unit is on top of the enclosure (remember to cover the screws with the IP rated caps supplied)
6. Replace the batteries, PCB connector, and battery clips, and finally the front cover.
   PLEASE NOTE: THE BATTERY PACKS ARE NOT RECHARGABLE. Only genuine Evacuator replacement battery packs are to be used, these can be purchased from your service provider/installer. Should you experience difficulty locating replacements parts please contact us through our website www.evacuatoralarms.co.uk
7. Each Evacuator Wireless requires a unique address, each unit is factory programmed by default *(All Frequency and Device DIP switches down)* In order for an Evacuator Wireless to respond to other units the addresses must match on the 4 way "frequency" Dip setting. This enables the user to set individual Evacuators to operate or not operate with each other. It also enables 16 systems to operate within the same vicinity. Each Evacuator is supplied ready configured (all 4 frequency dips down) and does not need to be altered. However if you require a different address (e.g. if you have other Evacuator Systems in close proximity) you must then use the Frequency dip settings to separate the zones.

Should you require any assistance with the configuration of the units *or would like to add Automatic fire Detection to the system*, please call the "Evacuator Technical 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 two "battery test LED's"

Main Functions of Push Buttons

- **Main Activation (red) –** Activates a full alarm (audible & visual) of the device and any other devices on the same frequency that is in range.
- **Test Button (yellow) –** Activates the strobe light and the battery test LED's on the device and any other devices on the same frequency that is in range.
- **Reset System (green) –** Resets the device back to standby mode and any other devices on the same frequency that are 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 60 seconds for the system to reset i.e. If you are testing the system via the yellow button and you hit the Green system reset button allow the system 60 seconds for it to go back into Standby mode. This also applies to the main Activation button.

Testing the System (Yellow 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 yellow Test System Button will illuminate both LED'd 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
There are two batteries to run the system, Battery 1 – Radio Battery (6 x Engerizer D Cell pack). Battery 2 – Siren/Strobe (1 x PP9).

The batteries are labeled accordingly inside the unit
Pushing Reset Button (Green) will take the units out of test mode.
(Please remember to wait a minimum of 60 seconds before a Test/Activation can be run)

Full Activation (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 green 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.

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.

Damage Units
EVACUATOR ALARMS SHALL 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.

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 (8 cell sealed unit)		9.00	10.00	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 SWITH 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 IMEDIATELY, failure to so could result in system malfunction.

IF IN DOUBT CONTACT OUR TECHNICAL DEPARTEMENT ON 0845 130 7258