




1

FW2-PANIC-WATCH

8F / 9F

**TWO WAY WIRELESS
PANIC WATCH**



ELECTRONIC ENGINEERING LTD.

INSTALLATION INSTRUCTIONS

P/N 7101540_C

2

INTRODUCTION



The FW2 - PANIC WATCH is a waterproof wrist-worn transceiver, designed for personal emergency signaling and other applications where the transmitter needs to be within easy reach at all times

The transceiver is a 'Splash' waterproof and suitable for wearing even in wet environments such as factories, hospitals, gardens, pools and rain conditions. Attractive ergonomic design makes the FW2-Panic Watch as convenient to wear on a regular basis as any wristwatch.

3

PRODUCT DESCRIPTION

To ensure continuous reliable operation, when the battery is low, a Signal transmission of low-battery alert is sent to the Panel.

- GFSK with 5 frequencies & LBT
- Easy to wear as a wristband.
- Superior transmission range.
- Comfortable & waterproof design.
- FreeWave2 unique protocol
- Non replaceable battery.
- Transmitted low battery indications.
- Lithium CR2032 battery
- Each PANIC WATCH has a unique ID code (24bit).

4

LEARNING PROCESS

For SHEPHERD panel

1. Enter in installing mode via the "Installer Webpage"
2. Go to "Users" and select the user # you want to learn the pendant.
3. Insert device's ID into Learn user pendant.
4. Save configuration.
5. Press and hold the Panic watch button between 5-10 seconds, the panic watch red LED will turn on and turns off, the red LED turns on again after few seconds and off, and the at end, the green color turns on to indicate ACK successfully learned.

For other CROW panels

1. Follow the panel learning mode instructions.
2. Enter in installer programming mode, go to radio user -> pendant and start the learning process, the Panel / Keypad will Start Beeping to indicate 'Learn' mode
3. Press and hold the Panic watch button between 5-10 seconds, the panic watch red LED will turn on and turns off, the red LED turns on again after few seconds and off, and the at end the green color turns on to indicate ACK successfully learned.
4. Panel stops beeping and learn mode.
5. Exit from installer mode

5

TESTING THE PANIC WATCH

For SHEPHERD panel

Panic watch can be test if its registered in a panel , press the panic button for 1-2 seconds,

1. Registered- Red LED will turns on and then the Green will light on and turns off.
2. Not Registered- Red LED will turns on and then the Red will light on and turns off.

For other CROW panels

Enter in installing programming mode
Go to **Find pendant** program and press the enter to start the find pendant process, then press the panic watch button.

1. Registered- FOUND user pendant # message will be displayed in the LCD keypad.
2. Not Registered- NOT FOUND user pendant # message will be displayed in the LCD keypad.

6

OPERATION TEST

For SHEPHERD panel

Activation of Panic action tests for installer can be viewed:

1. Installer webpage programming mode
 - Overview level
 - Troubles section
 - Log events
2. Personal page mode
 - Main screen
 - Log events
 - troubles Tab
3. Mobile App

7

BATTERY

To ensure continuous reliable operation, when the battery is low, a Signal transmission of low-battery alert is sent to the Panel.

The FW2-Panic is sealed and the battery isn't replaceable

8

TECHNICAL SPECIFICATIONS

Data Protocol	FW2-Protocol
Modulation Type	GFSK
Frequency band	868MHz / 916 MHz
Identification	Unique ID serial num. – 24 bit
Operational voltage	3.0VDC
LED Indication	During transmission and
Ack. Low Battery transmission	VBAT< 2.4V
Battery type	Soldered CR2032
Battery capacity	245mAh
Current draw	< 1µA Standby current < 32±3mA Transmission current < 14 dBm Transmit Power
Battery life @ one Transmission per day	> 5 years
Operating temperature:	-10°C to +55°C
Dimensions:	47mm X 36mm X 10mm

9





REGULATORY APPROVALS

RED directive:2014/53/EU
EMC directive: 2014/30/EU
Low Voltage directive: 2014/35/EU

The PANIC WATCH complies with:

EN 301489-1
EN 301489-3
EN 50130-4
EN 300220-2
EN 60950-1
Security Grade2, Environmental Class II

Power supply Type C

10

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This Warranty Certificate is given in favor of the purchaser (hereunder the "Purchaser") purchasing the products directly from Crow or from its authorized distributor.

Crow warrants these products to be free from defects in materials and workmanship under normal use and service for a period of 24 months from the last day of the week and year whose numbers are printed on the printed circuit board inside these products (hereunder the "Warranty Period"). Subject to the provisions of this Warranty Certificate, during the Warranty Period, Crow undertakes, at its sole discretion and subject to Crow's procedures, as such procedures are from time to time, to repair or replace, free of charge for materials and/or labor, products proved to be defective in materials or workmanship under normal use and service. Repaired products shall be warranted for the remainder of the original Warranty Period. All transportation costs and in-transit risk of loss or damage related, directly or indirectly, to products returned to Crow for repair or replacement shall be borne solely by the Purchaser.

Crow's warranty under this Warranty Certificate does not cover products that is defective (or shall become defective) due to: (a) alteration of the products (or any part thereof) by anyone other than Crow; (b) accident, abuse, negligence, or improper maintenance; (c) failure caused by a product which Crow did not provide; (d) failure caused by software or hardware which Crow did not provide; (e) use or storage other than in accordance with Crow's specified operating and storage instructions.

There are no warranties, expressed or implied, of merchantability or fitness of the products for a particular purpose or otherwise, which extend beyond the description on the face hereof.

This limited Warranty Certificate is the Purchaser's sole and exclusive remedy against Crow and Crow's sole and exclusive liability toward the Purchaser in connection with the products, including without limitation - for defects or malfunctions of the products. This Warranty Certificate replaces all other warranties and liabilities, whether oral, written, (non-mandatory) statutory, contractual, in tort or otherwise.

In no case shall Crow be liable to anyone for any consequential or incidental damages (inclusive of loss of profit, and whether occasioned by negligence of the Crow or any third party on its behalf) for breach of this or any other warranty, expressed or implied, or upon any other basis of liability whatsoever. Crow does not represent that these products can not be compromised or circumvented; that these products will prevent any person injury or property loss or damage by burglary, robbery, fire or otherwise; or that these products will in all cases provide adequate warning or protection.

Purchaser understands that a properly installed and maintained product may in some cases reduce the risk of burglary, fire, robbery or other events occurring without providing an alarm, but it is not insurance or a guarantee that such will not occur or that there will be no personal injury or property loss or damage as a result.

Consequently, Crow shall have no liability for any personal injury, property damage or any other loss based on claim that these products failed to give any warning.

If Crow is held liable, whether directly or indirectly, for any loss or damage with regards to these products, regardless of cause or origin, Crow's maximum liability shall not in any case exceed the purchase price of these products, which shall be the complete and exclusive remedy against Crow.

11



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