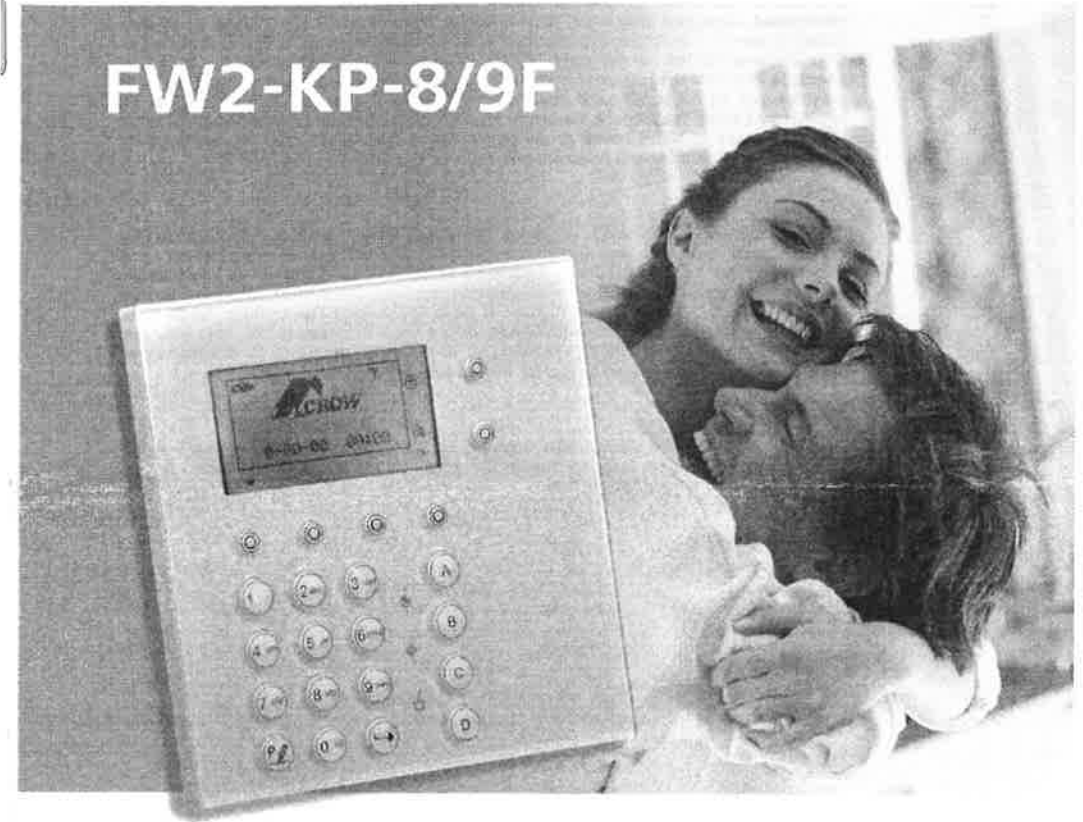


**FW2-KP-8/9F**



## **User Guide**

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## Introduction

### General Description

The FW2-KP is a wireless keypad for the Runner#2 (with FW2-TRANS).

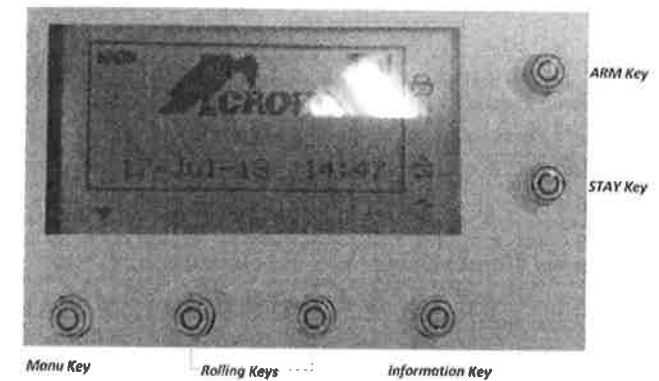
It functions as a partial function and configuration keypad.

The FW2-KP is powered by 2x Lithium Battery 3V CR123A.

### Features

- 22 Keys: Numeric and rolling keys.
- Graphic LCD 128x64 for text and Icons.
- Full duplex wireless communication.
- Easy use with rolling Manu.
- Powered by 2 batteries of CR123A.
- Battery life time up to 3 years.
- Tamper protected.
- Fully supervised.
- The same GUI as the OLED Keypad.

## Keys Index



Note:

The function keys in some screens change function according the icons on the display.

### Learning the FW2-KP in the Runner2

#### Notes:

The learning process between the Runner2 with the FW2-KP should be performing before the installation of the FW2-KP.

Wired keypad is required to perform the learning process of the FW2-KP.

After Power the FW2-KP with battery, display will present "Keypad isn't learned press ' P+ENTER".

	Command or Instruction	Description
1	Enter into Installer mode P >> Installer Code >> E	Wired Keypad
2	Learn the FW2-KP as a pendent P >> 18 >> E	(e.g. P18E95E)
3	Choose User Number 80-100 >> E >> E	Learning process start ( followed beeps)
4	Press the buttons P + ENTER simultaneously on the FW2-KP	The FW2-KP should be learned ( message on wired LCD keypad " found # "  # = User number
5	Set the User Type to Pendent P >> 2 >> E >> USER No >> 1 >> E	
6	Set the User Access P >> 4 >> E >> USER No >> E	Deactivate options 1,3 and 4

### Function Testing after learning.

After the learning completed and before the installation verify that the FW2-KP is functioning.

### Main function:

- **ARM:** Press on ARM Button or type the User Code
- **DISARM:** Type the User Code
- **STAY:** Press on STAY Button.
- **BYPASS:** Press the Manu button and select bypass and mark the zones you want to bypass.
- **CHIME:** Press the D key or from menu select chime
- **Panic Alarm:** Press on C+D keys simultaneously.
- **Fire Alarm:** Press on A+B keys simultaneously
- **Medical Alarm:** Press on B+C keys simultaneously.

Note: A, B, C, D keys function can be change from:

Local Edit >> Button Assignment

#### Language:

For change language enter Menu >> Local Edit >> Language -> Choose language.

#### Keypad Number:

By default the keypad number is 6, in case you would like change it, enter Local edit >> Keypad Number.

Immediate after the changing it messages on screen "please wait" and "initializing keypad"-restarting.

#### Update All Keypads:

For update all keypads text, enter Menu >> Local Edit >> Update all keypads .Text in output names, areas names, zone names and user names will update the other keypad.

\*For deleting text: Enter local edit->default all text.

#### Default all text:

For deleting text enter Menu >> Local Edit >> Default All Text.



## Installing the FW2-KP

Screw the bracket of the keypad to the wall by 3 screws and then assemble the keypad to the bracket and close the screw

### Low Battery Indication

On the display there is an icon of battery, while the battery is low

### Replacing the FW2-KP Batteries

- Enter to installer mode in the Runner2
- Release the screw and pull the keypad from the bracket.
- Replace the batteries with fresh ones and close the unit.
- Verify "Low Bat" restored.

### Erasing the FW2-KP.

In case of FW2-KP need to be replaced, the registration of the FW2-KP should be cleared.

To clear the FW2-KP registration, follow the next steps.

- Remove the batteries from the FW2-KP.
- Press continuously on buttons PROG and 0 and insert one battery..
- Keep pressing until beep heard.
- Release the Buttons
- The registration is cleared.
- The display will present "Keypad isn't learned press P+ENTER".

### Erasing the Transceiver Memory.

In case of replacing or removing one FW2-KP from the installation, the memory of the Transceiver should be cleared.

To clear the Transceiver memory, follow the next steps:

- Turn off the power of the Transceiver.
- Press continuously on Learn button and then power-up the Transceiver.
- Keep pressing until the Blue LED will blink fast 3 times.
- Release the Learn Button
- Memory clear complete.

## Specification: FW2-KP

FW2-KP Specification	Value
Keys	22 keys
Battery	2 x CR132A
Display	Graphic LCD, Gray
LEDs Indications	Arm/Disarm ,Trouble
Backlight	Keys backlight ,LCD backlight
Power Supply Voltage	Optional 5V-IN
Current consumption	<b>Standby mode:</b> Average 40uA at sleep <b>Operation Mode:</b> Max 80mA Backlight +Display on.
Battery life	Up to 3 years
Low Battery Level	2.5V
Low Battery Indication	Trouble LED and display
Supervision	Sync signal every 1 min.
Tamper	Tamper protected against removal from the wall
Operating temperature range	-10oC to +55oC
Ambient temperature, storage	-20oC to +70oC
Data Protocol	FW2 Protocol
Modulation Type	GFSK
Frequency bands	8F- 868.35MHz 9F- 916.5MHz
Identification	24 Bit unique code
RF Range	500m At open space
Material	ABS
Dimensions of unit	L=127mm x W=127mm x H=27.5mm
Weight (Without Battery)	300 gr

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