

Wireless Key Fob

M801EKF

Bi-directional Control Device - 5 Buttons



Operational Description

The M801EKF is a bi-directional and ultra compact Key Fob with advanced functions for Security & Automation. It features:

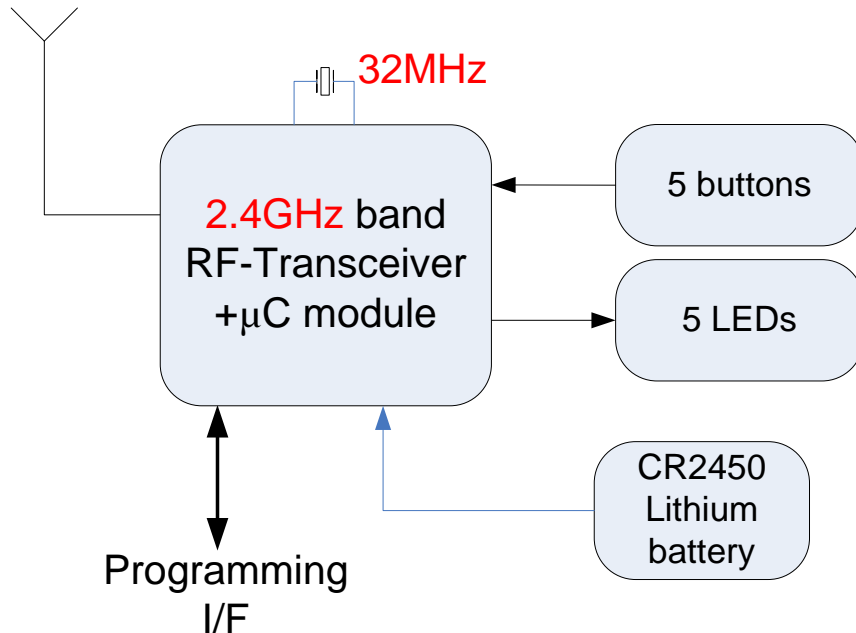
- 5-button interface:
 - Full
 - Day
 - Night
 - Perimeter arm/disarm
 - status key
- LED indication of system status
- Arms/Disarms security system
- Compact and easy to carry
- Serves as a personal SOS alarm (panic button)
- Remote deactivation - in case of loss or theft
- System status key
- Easily replaceable battery
- Protection against inadvertent press
- With regards to communications:
 - End-to-End bi-directional ESI protocol
 - Advanced radio supervision algorithm
 - Up to 700m RF range (open air)
 - Modulation and Frequency: BFSK , 868.3 MHz (Europe) or 916.5 MHz (US)
 - Encoding: 32-bit ID, over 4 billion combinations
 - Controls up to 4 electric appliances

Certifications and approvals:



For more information, go to: www.essence-grp.com/pages/WeR/Home

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Block Diagram Description

The CR2450 Lithium coin battery directly provides the power to the main component which is a combined micro-controller and RF-transceiver chip.

The micro-controller gets data from the 5 buttons and display statuses on the 5 corresponding LEDs.