



Indoor Wireless Siren

M800SRN



Bi-directional, Battery Powered Powerful Siren

Operational Description

The M800SRN is a powerful, battery-operated wireless siren. It features:

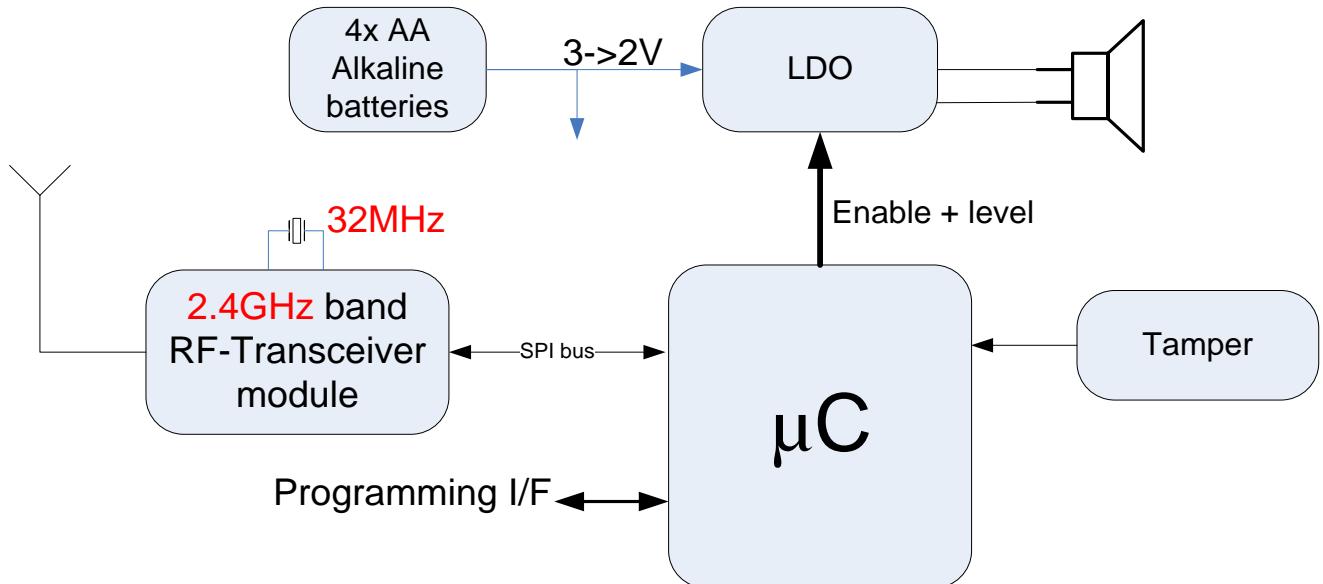
- Emits a loud and powerful siren of up to 95dB
- With adjustable volume control
- Emits sound from 5 to 180 seconds upon intrusion
- Dual purpose as a siren and doorbell
- Requires four (4) AA alkaline batteries
- Peel-and-Stick installation
- With regards to communications:
 - Up to 500m RF range (open air)
 - ECOP bi-directional radio protocol (on board)
 - Modulation and Frequency: DSSS, 2.4 GHz
- With regards to Wireless Security:
 - Tamper Alarm – when the unit is tilted
 - Data Security: AES encryption
 - Unique electronic serial number
 - Supports automatic over-the-air software upgrade programming and configuration

Certifications and approvals:



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

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Block Diagram Description

The 4 AA batteries provide the power directly to the board components and through a switched LDO to the speaker.

The main micro-controller gets data from a tamper switch and interacts with the RF-transceiver chip in the RF-module.

It also controls the activation and the volume of the siren emitting speaker.