



The SiraTrol™ Siren Controller

The SiraTrol Siren Controller is an excellent choice for your outdoor warning system.

Utilizing isolated and separated field-serviceable components, this controller is virtually the most cost-effective and reliable controller on the market today. Models are available in DTMF, Two-Tone, Single Tone, and Cellular Activation formats. Time Encryption Standard on all models to deter “hacking” of commands. The controller also features a multi-purpose DTMF encoder, that can be programmed to report-back with remote siren status, with built-in audio & voltage sensors or as an encoder to trigger other sirens. Remote sensors and contacts can also be interfaced seamlessly with the controller.

Features

The SiraTrol™ Controller is a Multi-Format Siren Controller. The SCB Control Board is a comprised of a combination processor/relay board which provides for modular and economic repair of the controller. The Controller features an internal, programmable time clock that provides for built-in programmable timing events such as a noon test, curfew blast, or night-time controller lock-out. The controller is programmed via an industrial-grade Micro-SD Card which provides for ease of future programming. The Micro-SD card can be inserted into a computer or SD Card Dock and programmed via the SiraTrol™ Programming software. The controller can be powered from 24VDC, 120VAC, or 240VAC. The controller also has a 24VDC, 3 Amp power supply that automatically switches from AC to DC power for use on AC/DC Battery-Backup Sirens. The Controller features 4, Individually Programmable 20 Amp Form-C Relay Outputs that can be programmed with up to 6 timing functions per relay that can be activated from any combination of DTMF, Two-Tone, or Single Tone Formats. The Controller also has 4 dry contact inputs that provide for any combination of current sensors, intrusion switches, or dry-contact inputs to trigger the programmed timing functions. There is also a 0-90VDC Voltage input to provide monitoring for battery voltage. The SiraTrol™ is housed in a 12x12x6 Gasketed and Lockable NEMA 3R Enclosure. The circuit boards are sealed against corrosion via a conformal coating. The SiraTrol™ Carries a 3-Year Warranty.

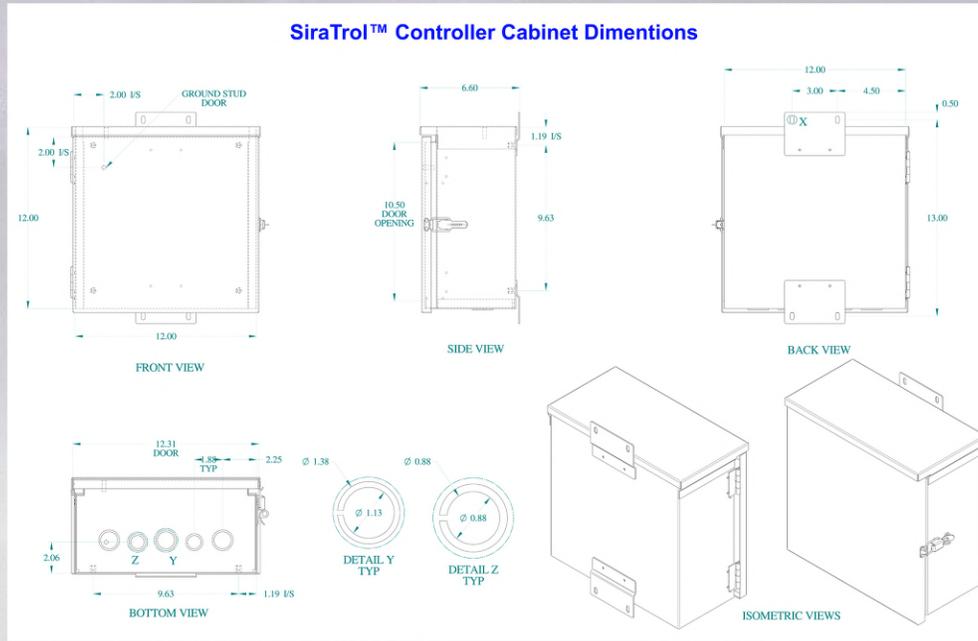
Suggested Applications:

Siren Control & Status Monitoring, Automatic Storm Shelter Un-Lock, Warning Lights, & Fire-House Alerting.

Models

- SCB-1 (One Way, VHF/UHF)**
- SCB-2 (Two Way, VHF/UHF)**
- SCB-C (Cellular Control Model)**

The SiraTrol™ Siren Controller Cont.



Technical Specifications

Receiver Specifications

SCB-1 & SCB-2:

- VHF: 148-174 MHZ
- UHF: 400-470 MHZ
- FCC Approved
- CTCSS and DCS Tone Squelch Standard
- 5 Watt Transmit Power

Siratrol-C Models:

- Quad Band Cellular: 850/900/1800/1900 MHz
- Micro Sim Card and Cell Subscription needed.

Electrical Specifications

Inputs:

- 24VDC, 4 Amp Max
- 110VAC, 2 Amp Max
- 220VAC, 1 Amp Max

Dry Contacts:

- 4, Opto-Coupled Dry Contact Inputs, Programmable.

Applications:

- Intrusion Switch, NO/NC Configurable
- Current Switch
- Timing Function Input

Voltage Monitoring:

- 0-90VDC Voltage Sense Input
- AC Power Failure

Outputs:

- 24VDC 3 Amp

Relays:

- 4, 20 Amp Form C (NO / C / NO)

Decoder Features

DTMF Timing:

- Timing Adjustable-
- Min Tone: 40MS-
- Min Gap: 20MS-
- Max Tone: 1500MS-
- Max Gap: 1500MS-
- Time-Encryption Capable-
- 1 to 14 Digit DTMF String-

Two-Tone & Single Tone Specs:

- 250HZ Min Frequency-
- 1500HZ Max Frequency-
- 10MS Min Tone-
- 10S Max Tone-

Encoder Features

DTMF Timing:

- Min Tone: 40MS
- Min Gap: 20MS
- Max Tone: 1500MS
- Max Gap: 1500MS
- Time-Encryption Capable

Warranty

3 Years

Enclosure

12x12x6" Gasketed NEMA 3R