

Overview

SigCom's DTS Solar Radio Alarm Box is powered by the sun to provide public emergency communications - no power / now wires required. Alarm messages are reported within two seconds. When combined with SigCom's TRX50 or Vision21 System Processor, all of the DTX configurations are Factory Mutual (FM) Approved as both Public and Proprietary Alarm Reporting Systems (NFPA 72).

The DTS operates independently from commercial power or telecommunications lines. It is the modern alternative to aging telegraphic street boxes and is ideal for remote locations that lack access to power or public utilities.

The DTS Radio Alarm Box can be configured to operate as a one-way radio transmitter, a two-way, or a combination of both radio configuration. The two-way configuration allows the system to be used for command/control functions that are well suited for the industrial, institutional and military applications including Mass Notification Systems. Each means of communications is independent of the other, providing maximum reliability.

In addition to reporting public emergencies such as fire, police or medical there are 4 supervised, dry contact inputs that can be used for zone alarm reporting and or other status reporting functions as needed per application requirements. Zone input circuits and external switch contacts can be assigned with up to 32 different event types.

The relay option provides 4 relays with Form-C contacts that can be programmed to operate by that DTS, by remote control from the TRX50 or Vision 21 System Processor (in a two-way system) or combinations of local and remote control. These relays can be programmed to operate upon receipt of a specific zone alarm and/or trouble event.

When used with our optional Mass Notification Software, the output relays can be used to activate live or prerecorded voice communications.



Features

- Up to 3 buttons- Fire, Police, Medical, etc.
- ADA compliant
- Four or Sixteen Supervised Initiation Circuits
- Prioritized Alarm & Trouble messages
- Transmits 32 Different Event types
- Daily Self-test One or Two-Way Radio

Options

- Serial Port for Data Communications
- 4 Command/Control relays (Form C)
- Mass Notification
- Repeater

Specifications

Specifications are subject to change without notice due to product improvements.

| | | | |
|---|-------------------------------------|---------------------------|--------------------------------------|
| Zone Inputs | 4 | Power Supply | |
| Serial Input | RS-232 or RS-485 | Primary Power | Photovoltaic Panel |
| 96 Zones, 32 Functions, 999 Devices per Zone | | DC Power | 12VDC |
| Zone Display | Alarm & Trouble per Zone | Battery | 12V, 26AH |
| Weather Enclosure | NEMA 3R | Back Up | Minimum 15 Days with no Solar |
| | (16" h x 13" w x 6 1/2" d) | Installation | |
| Temperature Range | -40°F to 150°F | Pole Mount | 11 1/2' Aluminum Pole |
| | (-40°C to 65°C) | Foundation | 18" x 36" min. concrete base |
| Radio Transmitter | | | (depth dependent on location) |
| 72-76/138-170 MHz | 1 Watt | Approvals/Listings | FM Approved |
| 138-170MHz | 4 Watts | | |



Ordering Information

| Description | Model |
|-------------------------|-------------------------------------|
| Solar-Powered Alarm Box | DTS- Contact Us for Details* |



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