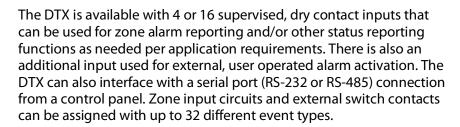


DTX Series Long Range Radio Alarm Transceiver

Description

SigCom's DTX Series is a family of extremely versatile and cost effective Alarm Reporting/Command & Control Transceivers. The DTX may be configured to operate as a one-way radio transmitter, or a two-way radio transceiver. The two-way configuration allows the system to be used for command/control functions that are well suited for industrial, institutional and military applications including Mass Notification Systems. Each means of communications is independent of the other, providing maximum reliability.

When combined with SigCom's TRX50 System
Processor, all of the DTX configurations are Factory
Mutual (FM) Approved as both Public and
Proprietary Alarm Reporting Systems (NFPA 72, Chapters 26 & 27).



The relay option provides 4 relays with Form C contacts that can be programmed to operate by that DTX, by remote control from the TRX50 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 local zone alarm and / or trouble event.

When used with the TRX50-MNS Mass Notification System, the DTX can activate live or prerecorded voice communication to outdoor areas, specific buildings, groups of buildings or throughout an entire military complex, campus or industrial/institutional facility.

Serial data interfaces are also available for enhanced functionality including mass notification, command and control.



Features

- One- Way, Two-Way and Voice Options
- Four or Sixteen Supervised Initiation Circuits
- Prioritized Alarm & Trouble Messages
- Transmits 32 Different Event Types

Options:

- Serial Port for Data Communications with Intelligent Panels and Devices
- 4 Command /Control Relays (Form C)
- Mass Notification
- Weatherproof Enclosure (NEMA 3R)

Specifications

DTX Series Transceivers

Listings: FM Approved, NFPA 72, Chapters 26, 27

Zone Inputs: 4 or 16

Zone Display: Alarm & Trouble per Zone

Serial Ports, up to 2: • RS-232 or RS-485, Full Data for Compatible Alarm Panels

99 Loops, 32 Functions, 999 Devices per Loop

(Contact SigCom for List of Compatible Alarm Panels)

RS-232 Control Link to Mass Notification System

Enclosure, Indoor: Metal NEMA 1, 14"h x 12"w x 6"d (35.5 x 30.5 x 15.2 cm)

Enclosure, Indoor, Large: Metal NEMA 1, 20"h x 16"w x 6.5"d (50.8x40.7x16.5 cm)

Enclosure Outdoor: Metal NEMA 3R, 21"h x16"w x 9 7/16"d (53.3 x 40.6 x 24 cm)

Pull Station Option: 1, 2 or 3 Buttons; Fire / Medical / Police (Customization available)

Temperature Range: -40°F to 150°F (-40°C to 65°C)
Output Relays Option: 4-Relay Module, Form C
For Command & Control, etc

Solar Option DTS Series, see separate data sheet

Radio

Transmitter: Narrowband FM Transmission

1 Watt (72 - 76 MHz) 4 Watts (138 - 170 MHz)

Radio Receiver Options: Control Channel Receiver

Voice Channel Receiver

Power Supply

Primary Power: 120 / 240VAC, 50/60 Hz.

DC Power: 12VDC Battery: 12 V, 7AH

Back Up: Minimum 72 hours with fully configured system Up to

144 hours depending on configuration

Ordering - Contact Sales@sigcom.com for quote

DTX Options

Transmitter Frequency 72 - 76 MHz; 138 - 170 MHz

Box Size, Type Indoor NEMA1, Standard or Large size;

Outdoor NEMA 3R, large size

Number of Zones 4 or 16 Output Relays 0 or 4

2-Way Options: Control Channel Receiver; Voice Channel Receiver

Serial Ports 0, 1 or 2 ports

Installation Kit, "DTX-IK" Series Includes Antenna, Coax Connectors, Antenna Wall Mount

Hardware (order coax cable separately)

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