

6+2 Channel Paging System with Dry Contact

TC8927

- 8 CH 600Ω 4-wire Analog Paging System & Dry Contact
- 2 Channel Inputs as Host Ports
6 Channel Outputs as Slave Ports
- Modular Design with 8 Channels per Module
- 64K Full Bandwidth Voice Transport
- Passes All Tones for FSK, EIA Tone Control/Remote and Paging
- Supports Pilot/Guard Tone Operation
- Optional Power Redundancy
- 1U or 4U Rack Mount or 1S Standalone Chassis
- 12VDC, 24VDC, -48VDC, 125VDC
- LEDs for Analog Volume, Alarm Status, Channel Release Tone, and Loopback



TC8927 in JumboBank 1U Chassis (Front)



TC8927 in JumboBank 1U Chassis (Rear)

The TC8927 is an 6+2 channel 600 ohm 4-wire analog paging system with dry contact. The TC8927 is designed to be simple yet robust.

The TC8927 bridges/broadcasts analog audio and dry contact from a central location to remote sites. An incoming analog/dry contact signal coming into the primary host port will be broadcast to 6 slave ports. A backup host port is available for redundancy. The dry contact channel is typically used to actuate the end equipment to broadcast the audio. When both Primary and Backup host ports receive signal, Primary will take precedence.

Diagnostic LEDs help you to quickly identify issues with your analog lines.

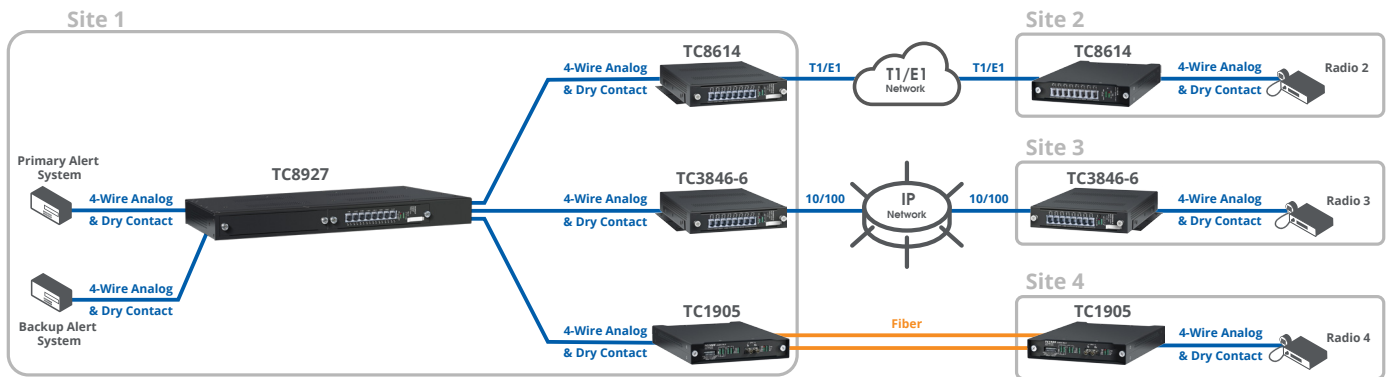


Applications

The TC8927 bridges/broadcasts analog audio and dry contact from a central location to remote sites.

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TC8927 bridges/broadcasts analog and dry contact signals to remote sites

**Connection Capacity
(per interface card)**

- 600Ω (4-wire)
- Host 2 Ports
- Slave 6 Ports
- Dry Contact
- DCD (Host) 2 Ports
- DCC (Slave)..... 6 Ports

Electrical

- Dry Contact Interface
- Normal open Standard
- Normal close Optional
- Load Voltage (peak AC) 60V
- Load Voltage (DC) 60V
- Continuous load current 0.55A
- Peak load current 1.2A
- Max On Resistance 2.5 Ω
- Output Capacitance 150pF
- 600Ω Analog interface
- Impedance 600Ω
- Max Input 3Vp-p
- Frequency band 300 to 3400Hz

Visual Indicators

- Channel Status TX, RX
- System PWR A, PWR B, Vcc, ALM
- Paging P#, R-Tone

Alarm

- Dry Contact Normal Open/Closed

Power

- Standard 12VDC @500mA MAX
- Optional 24VDC, -48VDC, 125VDC, or 100-240VAC

Temperature

- Operating -10°C to 50°C
- Hi-Temp (optional) -20°C to 70°C
- Extreme (optional) -40°C to 80°C
- Storage -40°C to 90°C
- Humidity 95% non-condensing

Physical (1U Rackmount)

- Height (4.3cm) 1.7"
- Width (48.3cm) 19"
- Depth (26.7cm) 10.5"



SAI GLOBAL
ISO 9001
Quality

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*TC8927 must be used within the JumboBank 1U chassis (TCRM19F-L).