Party-Line Digital Mixer

Model TC8930

- Party-Line Up to 7 Users
- 2-Wire Analog PBX and Key System Compatible
- Power Redundancy
- 12VDC, Optional 24VDC or 115/230VAC
- Industrial Hardened (optional)
- Hi-Temp2 Version Exceeds NEMA & Caltrans Traffic Control Specs
- LED Indicators for Each Channel's Tx & Rx Status
- Stand Alone or Rackmount



TC8930S Standalone/Wallmount Unit



TC8930R (Housed in TCRM195 19" Rackmount Card Cage)

esigned specifically for telephone Party-Line applications, the TC8930 receives a 2-wire analog POTS signal and broadcasts up to 7 remote phones. One user can have a conversation with 7 other users on the same line.

The TC8930 has one FXO port, which connects to the PBX or Key System extension. It has seven FXS ports, each one of them connects to 2-wire analog phones. Each remote port provides its own ring generator that rings a conventional 2-wire analog phone. A special 1 X 3 version is available.

Diagnostic LEDs for Tx and Rx are included for each channel. Additional LEDs are provided for Alarm, Power A, Power B, and Vcc. Connectors are RJ-11 Female. Power is 12VDC standard, optional 24VDC or 115/230VAC with an external power cube.

The TC8930R PC Card version requires the TCRM191 or TCRM195 19" Rackmount Card Cage. High and extreme temperature versions (-20° C to 70° C, -40° C to 80° C), are also available for harsh environments.

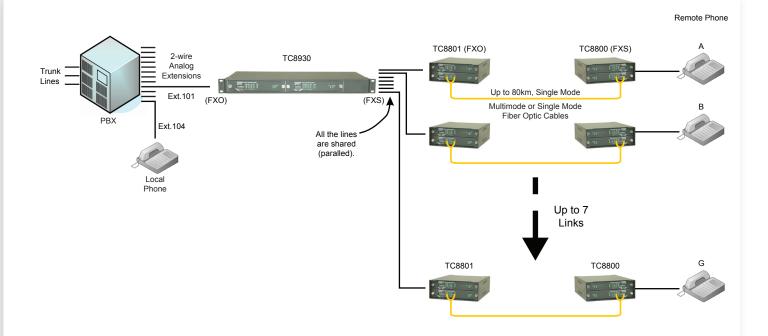


Applications

The TC8930 is often used in partyline phone applications. Up to 8 users can be link into a party-line conversation.

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Establishing a Party-Line with TC8930:

- 1. When a user dials Ext. 101 on the Local Phone, all the Remote Phones A-G will ring.
- 2. When any one of the Remote Phones goes Off Hook, the ringing will stop.
- 3. A Party-line is established. Any user at the Remote Phones A-G can pick up the phone and communi cate with everyone on the line.
- 4. Conversely, any user at the Remote Phones A-G can dial Ext. 104 to reach the Local Phone or Dial (0) to reach Outside Line.

Data Rates

Telephone300 Hz to 3.4 Khz

Channel Capacity

Standard4 (1 Local + 3 Remotes) Optional......8 (1 Host + 7 Remotes)

Electrical

ConnectorRJ11 Female Interface2-wire POTS

System

Bit Error Rate1 in 10⁹ or better

Visual Indicators

System StatusAlarm, Power A, Power B, Vcc,

Channel StatusTx Rx

Power

Standard12VDC @1.2A Optional24VDC or 115/230VAC w/ ext power cube

Temperature

Operating-10°C to 50°C Hi-Temp (optional)-20°C to 70°C Hi-Temp2 (optional)-40°C to 80°C Storage.....-40°C to 90°C Humidity95% non-condensing

Physical (8-ch Standalone)

Height	(3.53 cm) 1.39"
Width	(18.13 cm) 7.14"
Depth	(24.89 cm) 9.80"
Weight	(887 gm) 1.96 lb





ISO 9001 #1045959

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