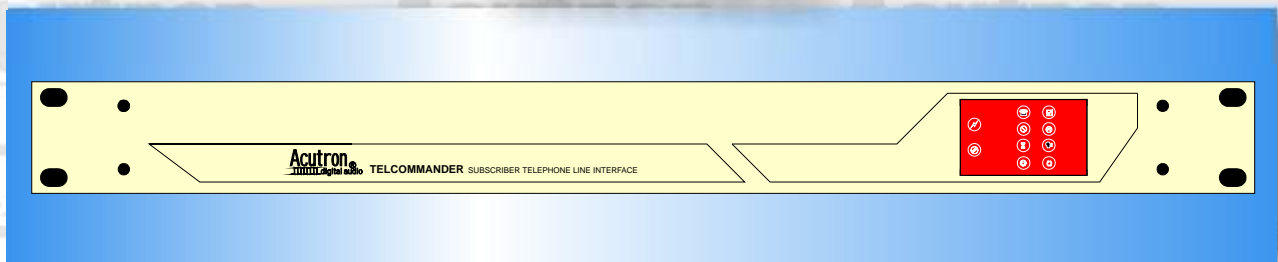


## TELCOMMANDER

### Subscriber Line Telephone Interface



#### DESCRIPTION

The TELCOMMANDER subscriber loop interface is a device meant to allow receiving and identifying DTMF codes over a subscriber loop, outputting those over an EIA-232 (V.28) port. At the same time the device has an audio interface capable of bi-directional communication between the 2-wire loop and one audio line input and one line audio output.

#### APPLICATIONS

- In PA systems where some degree of control and voice messages will be delivered through a telephone interface.
- In security systems, for remote control and monitoring.

#### FEATURES

- Fully RF filtered
- Balanced inputs and outputs
- DTMF Tone generation and detection
- Active state monitored by means of LED
- Can supply power to a loop
- Optical Isolation of up to 250VAC
- Fully EN 55103 compliant according to 89/336/EMC

#### SPECIFICATIONS

Frequency response	300Hz-3000Hz±1dB
THD+N	<3%
Carrier THD+N	<10% (440Hz)
Noise	<-60dBm(A)
Line Gain	0dB±1dB, 1kHz
I/O	RJ11 for loop DB9 for audio/commands I/O
Impedances	600 Ω
Loop current	15-80mA
Supply	48V 50mA
Max loop voltage	100V
Physical	19", 1U, 200mm depth
Weight	3 Kg
Power supply	230VA @ 50VA
Operating temp.	0-40°C

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