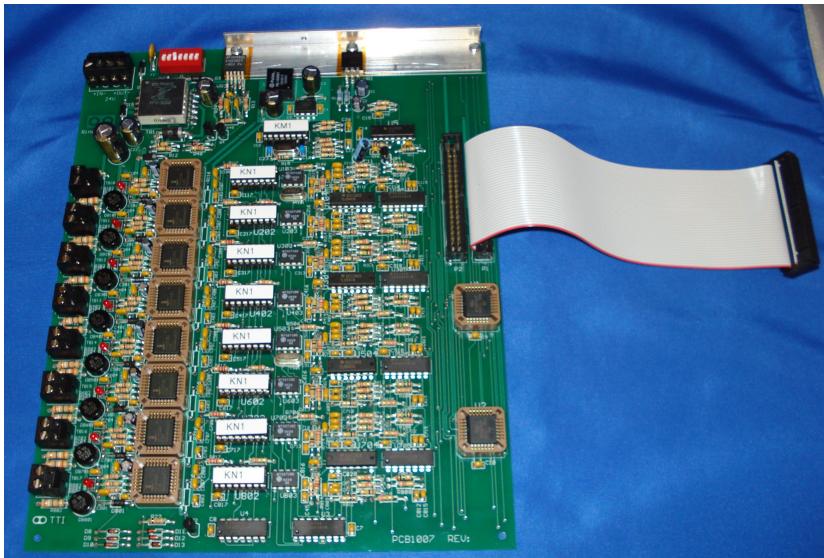




*Ring-Master*

## TLC508 TELEPHONE INTERFACE CARD RM5000EX

**Ring-Master Communication and Security System applications:**



**Elevator**

**Explosion proof telephones.**

**Airport courtesy telephones.**

**Wireless telephones.**

**Mass Evacuation**

### **DESCRIPTION**

The TLC508 line card is for use with the RM5000EX central exchange.

This card has capacity for 8 external telephones. These telephones are assigned consecutive subscriber call numbers. Each Line card generates talk battery, ringing voltage and dial tone for all telephones connected to the card. Up to 7 line cards and/or subscriber cards may be installed in the RM5000EX (56 subscribers).

### **FEATURES**

Each telephone can receive calls from Intercom stations or from other telephones.

Automatic disconnect is provided by the line card when the telephone goes on hook (X- tone). Direct access may be programmed for a telephone without key-pad. The direct access (ring down) can be to an intercom station or to another telephone and is activated when the telephone goes off hook.

Calling party disconnect supervision (momentary tip open) is provided to the telephone line for use with answering machines or other automatic interfaces.

Features in the RM5000EX that require DTMF tones are also available for the telephones: hurry-up, priority, remote control, program distribution, direct dialling and privacy accept. All-call and group-calls can also be initiated from the telephones.

## **TECHNICAL DATA TLC508**

### **Input Power:**

24 VDC (from RM5000EX)  
Minimum Current: 90 mA (all phones on hook)  
Maximum Current: 410 mA (all phones off hook)

### **Telephone line:**

600 ohm line impedance  
Talk battery: -24 VDC  
Ringing Voltage: 50 VAC RMS 20 Hz (sine wave)  
DTMF tones for dialling  
600 ms disconnect signal  
9000 ft. range on 24 AWG wire ( 4 KM on 0.6 sq.mm)  
14000 ft. range on 22 AWG wire ( 6 KM on 0.9 sq.mm)

### **Dimensions:**

L: 233 mm (9 3/16")  
W: 185 mm (7 1/4")  
D: 20 mm (3/4")



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