



RM5000EX Series Intercom Security System

TYPICAL RM5000EX CENTRAL EXCHANGE



DNA100W PROGRAMMER



NOTE: the **DNA100W** Programming Interface is used primarily to program the system set up. Once the system is programmed, the **DNA100W** can be removed from the system. A compatible Windows PC is required to work with the **DNA100W** for the required programming.

FEATURES

- Hands-Free Loudspeaking
- Confidential soft-speaking (handset)
- Talk button for speech direction control
- Microphone Mute
- Camp On busy extension
- Crisis Alert network interface
- 2,3 or 4 digit number plan
- Program Distribution
- 8 Group All Call or Group Call
- Group Conference
- Meet me
- Simplex always option
- Petroleum Processing Plants

RM5000EX SERIES INTERCOM SECURITY SYSTEM

The **RM5000EX** series is a fully electronic, microprocessor controlled communication and security system for up to 56 total stations, in multiples of 8. This system has been enhanced with hardware and software - to bring the typical security features that are found on the larger **CB901EX** series system. The same advanced Crisis Alert features are now implemented in the **RM5000EX**.

The system features fast access communications, 56 line positions, master to master, master to remote, remote to master - any combination you can ask for. The system has three (3) conversation links, hands-free and confidential calls, T-button for manual control of speech direction, microphone mute, privacy, camp on busy extension, program distribution, all-call, seven (7) group calls, meet-me on all- and group calls, data transmission for remote control, 10 direct dialing keys on master stations, direct access to control room masters, personal queue for incoming calls, up to seven (7) hunt numbers for each station, auto-dialer for use with telephone interface, event log printer RS232 interface and video switcher RS232 interface.

The **RM5000EX** can be connected to other **RM5000EX** central exchanges and the larger **CB901EX** central exchanges using Interlinks.

TYPICAL APPLICATIONS

- Hospitals - Security and O.R.'s
- Prisons and Correctional Institutions
- Elevator Communications
- Parking Garages, Car Parks and Gates
- Airports
- Commercial Offices
- Stock Exchanges
- Shopping Malls
- Production Lines
- Warehouses
- Police Stations
- Clean Rooms
- Petroleum Processing Plants
- Parking Garages
- Mass Evacuation

SPECIFICATIONS

Central Voltage:	Supply	27 VDC
Program Channel	Input: Balanced, 20 K ohm,	

- Privacy
- Remote Control (DTMF)
- Event Log output (DNA100W required)
- 10 Direct Dial each station
- Assignable Call Numbers
- 16 Character Called ID
- 7 transfer numbers for each station
- Priority
- Line supervision for masters and subs
- Battery backup (standard on 32-56 line systems)
- Battery charge alarm
- Auto Dialer (IF934P or DNA934P required)

Specs:	100mV
Environmental:	Ambient Temperature: 0 to 40 (32 to 104 F) Humidity: 95% max. non condensing
Max Number of Speech Paths:	3
Station Cable Specs.:	1 Twisted Pair for system audio (max 240 ohm loop) 1 Twisted Pair for power (max 45 ohm loop) 1 Twisted Pair (optional) for program distribution

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