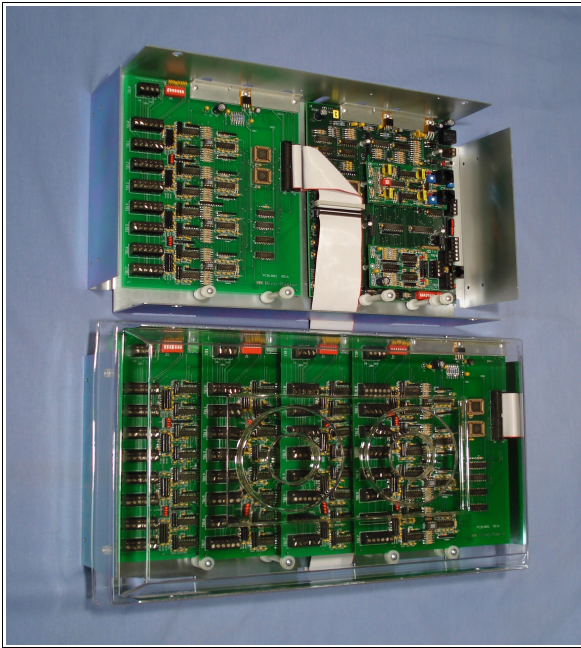




RM5000EX INTERCOM SYSTEM

Ring-Master Communication and Security System applications:



Elevator
Hospital O. R.
Clean Room
Area of Rescue
Police Station
Prison
Parking garages
Parking lots
Door/gate entry
Mass Evacuation

DESCRIPTION:

The RM5000EX is a microprocessor controlled intercom central exchange. Capacity is expandable from 8 to 56 in increments of 8 (LC500). The intercom stations may be any combination of masters and subs. The system has 3 conversation links and one program distribution channel. Crisis Alert features are standard. The RM5000EX central can be connected to other RM5000EX centrals and the larger CB901EX central using Interlinks. The processor card has 6 multi-use ports that are used for the interlinks. The multi-use ports can also be used for the small line card LC502 when a 2 or 4 line exchange is needed.

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
Privacy
Remote Control (DTMF)

Event log output (DNA100 required)
Video Switcher interface (DNA200 required)
Access control interface (DNA300 required)
Pocket page interface (DNA400 required)
1 Direct access each station
10 Direct dial each station
Assignable call numbers
12 Character Caller 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)

TECHNICAL DATA

RM5000EX

Capacity:

Number of stations: Up to 56 in single stage
Number of speech paths: 3
Number of program channels: 1
Microprocessor Control: MC68HC11

Power:

Central supply voltage: 27V DC
Power consumption, Control Card EX500: approx. 10W
Power consumption, Subscriber Card: 1W (8 stations)
Power supply: 27VDC/5Amp (P/N PSDC27-5)

Station Cable specifications:

1 Twisted pair for system audio (max 240 ohm Loop)
1 Twisted pair for power (max 45 ohm Loop)
Signaling frequencies CCITT specifications

Frequency range: 300 - 5000 Hz
Galvanic line: 0 dBm (1mW/600ohm)
Speech level: -12 dBm; max: +4
Signaling level: - 10 dBm

Program Channel specifications:

Input: Balanced, 20 K ohm, 100mV

Environmental:

Ambient temperature: +10 to +35oC (+50 to +95oF)
Non condensing.

Cardshelf Dimensions RK500/RK501:

276mm x 448mm x 89mm
(10.95"H x 17.6"W x 3.5"D)

Weight:

9Kg (20 lb)

Ordering Information:

Complete exchanges with power:

RM5000EX/2	2 Line Central Exchange
RM5000EX/4	4 Line Central Exchange
RM5000EX/8	8 Line Central Exchange
RM5000EX/16	16 Line Central Exchange
RM5000EX/24	24 Line Central Exchange
RM5000EX/32	32 Line Central Exchange
RM5000EX/40	40 Line Central Exchange
RM5000EX/48	48 Line Central Exchange
RM5000EX/56	56 Line Central Exchange

Expansion equipment:

LC502	Linecard 2 Stations (max 2 cards)
LC500	Linecard 8 Stations (max 7 cards)
BAT12-30	Battery backup (2 required)
IF500	Audio Interlink
DNB100	Data Interlink

Station Equipment:

AA916	Desk master station
AA903C	Wall master station
AA905B	Wall master station light industrial
AA917	Wall clean room master station
SS900B	Sub station on sub-plate (elevator)
SS910-13	Outdoor sub station

Annunciators:

DAD104	4 line alphanumeric annunciator
DS16	16 line direct select annunciator

Interface units:

DNA100	Programming interface
DNA200	Camera switcher interface
DNA300	Computer interface
DNA400	Pocket page interface
IF934P	Telephone dialer one number
DNA934P	Telephone dialer/messages 4 numbers
IF935	Paging/Radio/Recorder Interface
TLC910	Telephone Interface (8 lines)



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