

DAD104 DIGITAL ANNUNCIATOR DISPLAY MODULE



The DAD104 Digital Display module is part of the Ring Communications Crisis Alert System. This system provides for supervised lines from remote locations that are capable of being programmed to annunciate a twelve character alphanumeric message and also show four simultaneous calls in the display at one time. All other calls are kept in queue and can be retrieved in any order by scrolling up or down. The DAD104 will display the queue of calls in a priority order from any of the eight programmable call-in levels. The DAD104 shall also provide a clock that will display military time (24 hour format) down to a second.

The DAD 104 module is designed to mount into either of the standard Ring-Master BBF/ BBS 863 backboxes which must be ordered separately.

SYSTEM FEATURES:

The DAD104 is made to work in conjunction with the Ring-Master CB901CA or RM5000CA central and shall provide the ability to display calls which may be originated from any Ring-Master sub-station. When a contact closure from a fire alarm, smoke detector or door contact is to be digitally displayed, then the use of an AN100 Call-In interface can be utilized. Any of the calls displayed may be answered by pressing the key associated with the call. The call may be parked or canceled by pressing the park or cancel key. The system will provide 100% queuing of all incoming calls. Incoming calls will be received at the DAD module with an alert tone that is adjustable and the calls will flash in the display until the call is answered. The status of all calls that are displayed are described in the appropriate display window. (I.e. call, park, busy, talk or fault).

The DAD module provides a contact closure to drive other external devices at other locations. (I.e. strobes, louder buzzers). The wiring is terminated on a removable screw terminal that makes for ease of installation.

TECHNICAL DATA:

Electrical

Operating Voltage 18 - 28 VDC
Power Consumption 150 MA

Data

Processor 8 Bit CMOS
CPU Clock 8 MHz
E Prom 8 Kbytes
RAM 16 Kbytes
Network Communication RS485
Cable Requirements 1 Pair Data, 1 Pair Power

Dimensions

Height 10"
Width 5.5"
Depth 2"
Weight 1.2 lb

DESIGNED AND MANUFACTURED IN THE UNITED STATES OF AMERICA

APRIL 2001