Multicom 2000®

MC2K Administrative Communication System

Description

The Bogen Multicom 2000 Administrative Communication System, with MCPCA3 Processor Card, is designed specifically for the needs of schools, and other institutional and industrial facilities. It combines private telephone communication with a full-featured sound and program distribution system, including media control. It also provides master clock control, an all-call feature, and a feature for dialing the outside 911 Emergency Services for increased security and quick response. Calls to outside 911 Emergency Services can be dialed directly from any telephones in the system. Upon dialing 911, an alert will be sent to all the Administrative telephones in the system along with the ID of the call station.

The Multicom 2000 system is microprocessor-controlled and fully field-programmable for remarkable versatility and dependability.

The Multicom 2000 system can be supplied as a self-contained, wall mounting system, or in a vertical rack-mounted configuration. The wall-mounted version can accommodate up to 120 stations in increments of 24.The rack version can provide up to 240 stations and can include additional amplification and/or Bogen Multi-Graphic system components and available options for increased versatility.

A unique card frame design eliminates external amplification equipment for basic systems. A single microprocessor card controls overall system function. For each 24 stations, a circuit card pair provides signal routing and a 20-watt program amplifier and 12-watt intercom amplifier.

An associated relay module connects each station to the intercom or program bus. The system permits up to 8 simultaneous intercom communications with staff station loudspeakers and 8 unrestricted telephone communications, with simultaneous distribution of program material to stations not involved in a two-way conversation. The system software supports these basic station types: Staff consisting of loudspeaker with call-in and optional handset; Enhanced Staff with a DTMF dialing telephone set and optional loudspeaker; Administrative or Enhanced Administrative with DTMF dialing display telephone (and optional loudspeaker), and a Media Control Box; or any combination of the above. Each type of station can be further organized into levels, which determine the ability to perform different system functions. Staff and enhanced staff stations can make emergency calls that can activate an emergency announce link if the call is unanswered.

System functions include 8 administrative page zones, 240 hard-wired page zones, options for 99 programmable page zones, 8 time zones with 8 bell schedules, and 1024 timed events. A unique modular program source interface offers a choice of three program sources (microphone, tuner, etc.). The selection of the program source and its distribution to any or all stations or zones is guided by the menu display on a designated administrative telephone. Any station equipped with a keypad dialing phone can turn program material on or off at their location.

Telephonic features include call forwarding, call transfer, and conference calling, as well as selective ability to bump or join conversations in progress. Administrative stations can also place calls on hold. A telephone interface option lets you receive and make outside calls on up to 16 incoming lines (stations can be restricted in their ability to make outgoing calls).All system control and programming is accomplished using a telephone keypad. A menu display system on the administrative telephone is provided to guide the user through procedures. Two special menus, protected by password, set the operating configuration. The setup menu sets the system day and time, stores time signal events, page zone, and time zone data. The initialization menu sets system features (bell duration, queue timeout, day/night start, emergency link, password select, architectural number enable, pre-announce/confirmation tone enable), and station features (station number, access level, architectural number, day/night administrator, outside line access).

TelecomOptions
CLEARLY YOUR BEST CHOICE

Features

- Contains all system memory
- 24 to 240 station capacity (each station can have a call device, phone, media control and loudspeaker available as an option on 120 station systems)
- Three station types: administrative/enhanced administrative, enhanced staff, or staff
- Classroom station types 2500, wireless, modem, and answering machine
- Microprocessor controlled, programmable from administrative station or local computer
- Secure remote programming and diagnostics from a local computer via LAN/WAN using an optional TCP/IP Serial to Ethernet converter
- Multiple simultaneous private and amplified voice communications
- Emergency feature reroutes unanswered emergency calls so that there is always an answer
- Can be integrated with Multi-Graphic equipment (rack-mounted version)

- Telephonic functions: hold, conference call, call forward, and call transfer
- Administrative telephones have alphanumeric displays with easy-to-use English language menu-driven setup and operation
- Built-in program and intercom amplifiers eliminate external equipment
- Built-in modular program source interface; selected program is easily distributed to any or all speakers or zones from designated administrative phones
- 8 administrative zones, 240 hard-wired zones, options for 99 programmable zones, 9 time signaling tones, 8 bell schedules, 1024 programmable events, 240 low voltage contacts for control of any type of low voltage security closure
- Dialing to outside 911 Emergency Services
- 911 alerts to the Administrative telephone
- 3, 4, 5 and 6 digit dialing

TelecomOptions

CLEARLY YOUR BEST CHOICE

Phone: 204-233-6100
Toll free: 866-233-6100
Email: esales@telecomoptions.com