Options for Multicom 2000®

Telemedia Controller
Model TMC4

Description

The Bogen TMC4 Telemedia Controller is a programmable universal media source controller capable of learning and reproducing the infrared commands for consumer audio-visual products. Each TMC4 can simultaneously control up to four different media source devices from standard DTMF telephones. The controller can be accessed through the Multicom 2000® system or from various telephone switches.

The TMC4 decodes the touch-tone signal from a telephone and transmits an infrared control signal to the media source via a small transmitter that is mounted over the device's infrared receiver. Any function that is available through the media source's remote control feature can be learned and assigned to a button on a telephone.

When used with Multicom 2000 systems, the TMC4 provides additional features such as: reserving VCRs, quick reconnect code, menu-driven access, and current user identification.

Features

- Provides control of remote media sources directly from the classroom
- Learns infrared codes for consumer VCRs, laser disc players, cable boxes, etc.
- Controls up to four devices per controller; up to 16 media stations per Multicom 2000 system
- Compatible with Multicom 2000 systems and many telephone switches
- Confirmation tone for valid entries; error tone for invalid entries

Architect and Engineer Specifications

A media control feature shall be provided for accessing and controlling remotely located VCRs or other media sources. The controller shall be a Bogen Model TMC4 or approved equivalent.

The TMC4 shall be capable of learning, storing, and reproducing the infrared remote commands for any consumer VCR, laser disc player, cable box, etc. The codes shall be stored in non-volatile memory for data retention during power outages.

Each TMC4 shall control up to four different media devices simultaneously, with up to 16 media stations per Multicom 2000 system. Each user shall be able to access up to 30 commands. Ten commands shall be single-digit entries and 20 shall be 2-digit entries. A confirmation tone will sound for valid entries; an error tone shall sound for invalid entries.

In Multicom 2000 systems, the controller is accessed by dialing the controller's extension number or, if previously reserved, by dialing a 2-digit reconnect code. The assignment of video equipment to system telephones is maintained by the media center using an administrative telephone.

The TMC4 shall provide a telephone keypad for programming and operation of the media devices. In-use LEDs shall be provided as a visual indication of programming status. The unit shall require 120V AC at less than 0.1A. It shall be directly rack-mountable and shall measure 16-5/8" W x 5-7/8" D x 3-1/4" H.

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Options for Multicom 2000®

Telemedia Remote Controller
Model TMRC & TMRCT

Description

The Bogen TMRC interface module allows for control of remotely located media equipment using a handheld remote controller (Model TMRCT). The module is designed to work in conjunction with the Multicom 2000® system and Model TMC4 Telemedia Controller. The TMRC module will provide for control of different brands of equipment utilizing one remote control. It lets you keep media equipment at one centralized location for efficiency and security while providing staff with full control of the media equipment assigned to them. The TMRC is capable of receiving and sending DTMF codes and provides optional AC functions for turning television monitors on or off at specific times.

The Bogen TMRCT is a handheld infrared transmitter designed to facilitate control of remotely located media sources. The TMRCT works in conjunction with the Bogen TMRC and the Bogen TMC4 to provide this capability.

With the Bogen TMRCT, the user maintains full control of remote media sources from anywhere within range of the TMRC interface module. In addition to controlling the media source, the system includes an optional switched AC function permitting remote control over on/off switching of a television monitor.

Features

- Connects directly to existing Multicom 2000 station telephone wiring
- Facilitates remote infrared control of remotely located media sources
- Capable of turning the local video monitor on/off
- Allows the Multicom 2000, via pre-programmed events, to turn the video monitors on/off at specified times
- Facilitates a user-accessible local on/off switch

Architect and Engineer Specifications

The remote interface module shall be a Bogen Model TMRC. It shall be designed to provide remote control of media equipment using a handheld transmitting unit (specify Bogen Model TMRCT). The module shall be capable of sending DTMF information in response to infrared commands from the transmitter and shall provide for optional switch AC functions for turning on or off external media equipment.

The infrared controller shall provide control of remotely located media sources and shall also control the local video monitor. The handheld device shall support at least the following features: power on/off of the in-room TMRC module; the in-room video monitor and media source; channel up/down of both video monitor and the media source; volume of the video monitor; and video monitor mute. The media source shall provide at least the following features: play; stop; pause; fast forward; reverse; still; direct chapter access; chapter reverse; disk A/B switch; TV/Video; and direct numeric input. Units failing to provide at least these features shall be required to have alternate methods of achieving the same level of control.

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