

# Multicom 2000®

## Administrative Communication System Models MCESS & MCWESS



Bogen Models MCESS and MCWESS are 12 push-button dialing telephones that permit rapid, efficient, and reliable control over the functions available to enhanced staff stations in Bogen Multicom 2000® Systems.

### Description

The MCESS is designed to be placed on a desktop and requires 5-1/2" W x 9" D of desk space. A modular cord and junction box are included for connection to the system.

The MCWESS is designed for wall-mounted installation and requires 4" W x 9" H of wall space. It is equipped with a wall-mounting plate that includes a modular jack. The wall plate fits a standard single-gang box.

### Features

- DTMF dialing, 12 push-button keypad
- Constructed of high-impact ABS and finished in a permanent beige color
- Simple 2-wire connection
- Wall-mount model MCWESS, Desk-mount model MCESS
- Handsets are equipped with a dynamic receiver and carbon transmitter
- A coil cord, terminated with standard modular plugs, is used to connect the handset to the base
- Both models are equipped with a piezoelectric ringer
- An accessory loud-ringer kit, Model MCLRK, is available to increase the ringer volume

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**Architect and  
Engineer  
Specifications**

The enhanced staff station shall be a Bogen Model \_\_\_\_\_ (Specify MCESS for desktop telephone, or MCWESS for wall-mounting telephone), or approved equivalent. It shall be a standard DTMF-dialing telephone with 12 positive-action push-buttons. Telephones that provide membrane-type switches shall not be acceptable as an equal.

The receiver shall contain a dynamic receiver and carbon transmitter. A coil cord, terminated in standard modular plugs, shall be supplied to connect the handset to the telephone base.

The enhanced staff telephone shall permit rapid, efficient, and reliable control of the operational features available to enhanced staff stations in Multicom 2000 Communication Systems. The specific features available shall be determined by the station's access level, as assigned during the initial system configuration programming.

When the enhanced staff station is equipped with the telephone alone, connection to the Multicom 2000 system shall require only 2 wires. When the enhanced staff station is equipped with the telephone and a loudspeaker, connection to the Multicom 2000 system shall require a shielded pair plus one conductor.

The telephone shall be constructed of molded high-impact ABS finished in a permanent beige color.

— (Use for MCESS) The telephone shall require 5-1/2" W x 9" D of desk space and shall be supplied with a modular cord and surface-mounting junction box.

— (Use for MCWESS) The telephone shall require 4" W x 9" H of wall space. It shall be supplied with a wall-mounting plate that shall fit a standard single-gang box (not supplied). The plate shall be equipped with a modular jack.

— (Use for optional Loud Ringer Kit) The loud ringer kit shall be a Bogen Model MCLRK. The kit shall provide a 20 dB average increase in ringer volume and shall mount inside the housing of the enhanced staff telephone.

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**Technical  
Specifications**

<b>Audible Signal:</b>	Piezoelectric ringer element
<b>Dialing:</b>	Telephone Keypad, DTMF dialing
<b>Ring Voltage:</b>	12V DC square wave
<b>Outside Line Capability:</b>	Requires MCTC option
<b>Construction:</b>	High-impact molded ABS in a permanent beige color
<b>Handset:</b>	Dynamic receiver; carbon transmitter
<b>Mounting:</b>	
MCESS –	5-1/2" W x 9" D desk space required Includes surface-mounting junction box
MCWESS –	4" W x 9" H wall space required Includes wall mounting plate with modular jack
<b>Interconnections:</b>	2-wire connection required for telephonic communication; shielded pair plus one conductor for telephone and associated loudspeaker
<b>Accessory:</b>	MCLRK loud ringer kit