

# Room Selector Panels



SBA225

## Models SBA225 & SBA325



SBA325

- Features**
- Color-coded guidelines
  - Built-in LED annunciators
  - Space-saving design
  - Modular versatility

### Description

The Bogen Models SBA225 and SBA325 Room Selector Panels are designed for use with Bogen Multi-Graphic® and Multicom 2000® Systems. The SBA225 is also used in Bogen's PI35A and SI35A Power Intercom systems. These panels provide call annunciation (using LEDs) and tone signal in addition to room selection.

The panels use three position, four-pole lever-action switches with positive detents. In the SBA225, these switches are used to selectively connect up to 25 speaker-equipped locations to either a PROGRAM, OFF or INTERCOM channel. In the SBA325, the switches selectively connect up to 25 speaker-equipped locations to either a PROGRAM-A, OFF, or PROGRAM-B channel. The INTERCOM channel is selected by means of separate push on/off switches.

Channels are clearly identified with color-coded guidelines in accordance with the Multi-Graphic operating method.

Calls from staff stations are initiated by a momentary depression of a call origination switch, which lights the corresponding LED on the selector panel and sounds a tone signal to bring attention to the call. The LED remains "on" until the call is acknowledged, at which time it is automatically cancelled.

The room selector panels permit maximum room selection to be accommodated in a minimum of space.

Each selector panel also has provisions for accommodating the add-on Bogen Model TZMA Time Zone Module Adapter, providing up to six zones of time signalling, and/or the Model SCR25A Call-In Module, providing the circuits necessary when using call origination switches which do not contain silicon-controlled rectifiers.

The room selector panels are designed to provide years of unfailing trouble-free operation. The switches are ruggedly constructed to withstand heavy usage and are designed with positive detents to assure proper positioning. Lever switches are self-wiping to prevent erratic operation, and precious metal contact surfaces ensure low contact resistance and consistent operating reliability.

Switch handles are permanently affixed to the switch shafts, eliminating troublesome replacement problems. Further assurance of trouble-free operation is provided by the LEDs, which are designed to give years of efficient service.



Specifications subject to change without notice.  
© 1995 Bogen Communications, Inc.  
Part No. 54-7857-02C Printed in U.S.A. 0511

---

## Technical Specifications

<b>Switches:</b>	25 each, 3-position, four-pole lever action with positive detents, self-wiping with precious metal contact surfaces SBA325 includes 25 push-on/off intercom switches
<b>LEDs:</b>	25 red LEDs provided
<b>Finish:</b>	Panels finished in black with color coded guidelines
<b>Termination:</b>	Mass termination via centerline connectors
<b>Dimensions:</b>	
SBA225 –	1 rack space; 19"W x 1-3/4"H x 2"D
SBA325 –	2 rack spaces; 19"W x 3-1/2"H x 4"D
<b>Shipping Weight:</b>	
SBA225 –	4 lbs.
SBA325 –	6 lbs.
<b>Associated Equipment:</b>	Bogen Model SCR25A Call-In Module Bogen Model TZMA Time Zone Module Bogen 25-Series Centerline Connector Kit

---

## Architect and Engineer Specifications

The Room Selector Panel shall be a Bogen Model \_\_\_\_\_ (enter SBA225 or SBA325), or approved equal.

**– Use the following 2 paragraphs for SBA225 –**

The panel shall be capable of connecting up to 25 speaker-equipped locations to a program, off or intercom channel. The panel shall provide 25 lever-action three-position, four-pole selector switches with positive detents and 25 red LEDs.

Switch positions shall be legibly identified as PROGRAM A, OFF and INTERCOM C, each with a color-coded guideline in accordance with the operating method used in Bogen Multi-Graphic Systems.

**– Use the following 3 paragraphs for SBA325 –**

The panel shall be capable of connecting up to 25 speaker-equipped locations to either of two program channels, off, or to an intercom channel. The panel shall provide 25 lever-action three-position four-pole switches with positive detents, 25 push on/off intercom channel selector switches and 25 red LEDs.

Switch positions shall be legibly identified as PROGRAM-A, PROGRAM-B, and OFF O. The intercom channel switches shall be labeled I/C. Each channel shall have a color-coded guideline in accordance with the operating method used in Bogen Multi-Graphic Systems.

The annunciator system shall illuminate the appropriate LED and sound a tone signal when a call is placed from a staff station. The call shall be acknowledged by pressing the appropriate intercom selector switch, which shall cause the LED to flash to remind the operator that the channel is open.

**– Use the remaining paragraphs for both panels –**

The individual switches shall be designed for maximum reliability and a life expectancy of over 250,000 operations. Switches which have a lower life expectancy shall not be accepted. Switch handles shall be permanently affixed to the levers. Knobs and handles held in place by friction will not be accepted. Switches shall be self-wiping with precious metal contact surfaces.

The annunciator system shall provide for automatic call cancellation, and shall operate on less than 15VDC to eliminate any shock hazard. Annunciator systems which do not provide automatic call cancellation, or which use holding relays or other mechanical devices will not be accepted.

The room selector panel shall provide for the ready accommodation of add-on TZMA Time Zone Module and/or SCR25A Call-In Module.

**BOGEN<sup>®</sup>**  
**COMMUNICATIONS, INC.**

50 Spring Street, Ramsey, New Jersey 07446, U.S.A.  
201-934-8500 • Fax: 201-934-9832 • www.bogen.com