



# Model SCR25A

## Call-In Module

The model **SCR25A Call-In Module** is an annunciator latching control bank designed for use with Bogen SBA-Series Room Selector Panels. The SCR25A provides 25 silicon-controlled rectifiers and programmable jumpers, and permits the use of either a momentary switch (such as the Bogen CA17) or a telephone handset with fixed closure for call-in from each staff location.

The SCR25A provides annunciator latching (as needed) to keep the appropriate LED lamp illuminated until the call is acknowledged. Jumpers are provided to select the method of call-in (momentary switch or fixed closure handset).

The module is connected to the switchbank by a plug-in method. Termination is via centerline connectors (Panduit or equivalent).

### SCR25A INSTALLATION

**CAUTION:** *The installation of accessory equipment requires the removal of protective covers; exposure of internal components presents an electrical shock hazard. Accessory equipment should be installed by qualified service personnel only.*

#### Connections

1. Align the SCR25A Call-In Module with the connector pins located at the rear of the SBA-Series panel and carefully press into place.
2. Make speaker and annunciator connections directly to the SCR25A module as you would to the room selector panel. *Note:* The pins that normally would not have been used on the SBA-series panel do not appear on the SCR25A panel.

#### Power Requirements

1. Jumper J26 in the upper right hand corner of the SCR25A printed circuit board must be in the Multi-Graphic position, as illustrated in the diagram on the PC board.
2. Connect a wire from one of the pins marked P12, in the lower right hand corner, to the positive (+) terminal on an external

12V DC power supply. Connect the negative (-) terminal on the power supply to ground on the MCP35A. If more than one SCR25A is used, parallel P12 to each SCR25A. Note that if only one or two SCR25A modules are used, they can be powered from the +12V terminal on the rear of the MCP35A.

#### Mode Selection

For each channel using momentary switch contracts (no SCR) for call-in, set the corresponding jumper (J1-J25) to the TOGGLE position (towards left, as looking at the rear).

For each channel to which a phone or SCR-equipped call-in switch (Bogen CA10 or CA11) is connected, set the corresponding jumper (J1-J25) to the PHONE positioned (towards right, as looking at the rear).

For clarity, two diagrams showing the relative positions of jumpers J1-J25 and J26 are screened on to the PC board.

### Limited Warranty; Exclusion of Certain Damages

The **Bogen SCR25A Call-In Module** is warranted to be free from defects in material and workmanship for two (2) years from the date of sale to the original purchaser. Any part of the product covered by this warranty that, with normal installation and use, becomes defective (as confirmed by Bogen upon inspection) during the applicable warranty period, will be repaired or replaced by Bogen, at Bogen's option, provided the product is shipped insured and prepaid to: Bogen Factory Service Department, 50 Spring Street, Ramsey, NJ 07446, USA. Repaired or replacement product will be returned to you freight prepaid. This warranty does not extend to any of our products that have been subjected to abuse, misuse, improper storage, neglect, accident, improper installation or have been modified or repaired or altered in any manner whatsoever, or where the serial number or date code has been removed or defaced.

**THE FOREGOING LIMITED WARRANTY IS BOGEN'S SOLE AND EXCLUSIVE WARRANTY AND THE PURCHASER'S SOLE AND EXCLUSIVE REMEDY. BOGEN MAKES NO OTHER WARRANTIES OF ANY KIND, EITHER EXPRESS OR IMPLIED, AND ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE HEREBY DISCLAIMED AND EXCLUDED TO THE MAXIMUM EXTENT ALLOWABLE BY LAW.** Bogen's liability arising out of the manufacture, sale or supplying of products or their use or disposition, whether based upon warranty, contract, tort or otherwise, shall be limited to the price of the product. **IN NO EVENT SHALL BOGEN BE LIABLE FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, LOSS OF PROFITS, LOSS OF DATA OR LOSS OF USE DAMAGES) ARISING OUT OF THE MANUFACTURE, SALE OR SUPPLYING OF PRODUCTS, EVEN IF BOGEN HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES OR LOSSES.** Some States do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from State to State.

Products that are out of warranty will also be repaired by the Bogen Factory Service Department – same address as above or call 201-934-8500. The parts and labor involved in these repairs are warranted for 90 days when repaired by the Bogen Factory Service Department. All shipping charges in addition to parts and labor charges will be at the owner's expense. All returns require a Return Authorization number. For most efficient warranty or repair service, please include a description of the failure.

12/2008

**BOGEN**  
**COMMUNICATIONS, INC.**

50 Spring Street, Ramsey, NJ 07446, U.S.A.  
Tel. 201-934-8500 • Fax: 201-934-9832

[www.bogen.com](http://www.bogen.com)