

High-Powered Intercom

Model PI35A



Features

- Cost-effective communication with 25 staff stations
- Color-coded for easy operation
- Instant EMERGENCY/ALL-ROOMS announcements
- Remote emergency paging capabilities
- 20-watt intercom for instant two-way communications
- 35-watt program channel
- Provision for time signalling and voice call-in
- Compact low profile console

Description

The Bogen PI35A is the first executive communications console completely designed to meet high power paging and intercom requirements. Its many features make this system particularly suitable for applications with mixed noise environments (construction, retail stores, small factories, parking garages, etc.).

The PI35A provides instantaneous intercommunication and background music (or other program) distribution facilities for up to 25 speaker-equipped stations. A 20-watt intercom amplifier features a frequency response that has been shaped for maximum intelligibility. A 35-watt program amplifier ensures that program material and/or emergency announcements are clearly heard and easily understood. The front panel includes step-by-step instructions and color-coded guidelines for easy operation.

Complete facilities are provided for distributing program material from microphones, cassette player or other background music source. Distribution is accomplished by simple push-button selection, following the color-coded guidelines. Emergency announcements take precedence over program distribution and are accomplished with a single push-button selection. Provision has been included to permit the distribution of a time signal to all stations.

Optional paging facilities permit emergency all-call paging from a remote telephone, or interphone or microphone. Telephone paging captures system priority and overrides all system functions except the emergency page feature.

A room selector panel is provided to select intercom and program functions for each station. Calls from stations are initiated through call-in switches and are announced at the control center by light and tone annunciation. Provisions have been made for two-wire or voice call-in.

The PI35A is enclosed in a space-saving console, finished in an attractive simulated walnut veneer. The system provides a 25 volt balanced output and operates from a 120V AC, 60Hz source. Maximum power consumption is 100 watts.

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Specifications

Rated Output:	<i>Program – 35W RMS; Intercom – 20W RMS</i>
Frequency Response:	<i>Program – +1,-3dB from 80Hz to 15kHz Intercom – Shaped for maximum intelligibility</i>
Distortion @ RPO and Bandwidth:	<i>Less than 1%</i>
Inputs:	<i>Two Lo-Z balanced microphones; Hi-Z unbalanced AUX; TELCO PAGE; 25V BOOSTER</i>
Output:	<i>25V balanced line</i>
Power Requirements:	<i>120V @ 60Hz AC, 100W maximum</i>
Tone Specifications:	<i>Time Tone – 750Hz Supervisory Tone – Repeating, 500Hz Call-in Tone – Repeating; oscillates between 500Hz and 750Hz (Switching Freq., 16Hz)</i>
Controls:	<i>Front Panel – Program Selection: MIC 1, MIC 2, AUX; Level: MONITOR/LISTEN, PROGRAM; Distribution: ALL ROOMS, EMERGENCY, PRESS TO TALK; Indicators: LED LEVEL Rear Panel – Input Gain: MIC 1, MIC 2, AUX, TELCO PAGE, TALK, LISTEN Internal – Gain: EMERGENCY PAGE, SUPERVISORY TONE, TIME TONE; Enable/Disable: MIC1/CONSOLE MIC, MIC 2/TELCO PAGE, PHANTOM POWER, SUPERVISORY TONE</i>
Dimensions:	<i>20-1/2"W x 8-1/2"H x 11"D</i>
Finish:	<i>Cabinet – Simulated walnut veneer Panels – Black with color-coded lines and instructions for Intercom, Program, Emergency Page</i>
Shipping Weight:	<i>Approx. 31 lbs.</i>
Operating Temperature:	<i>0-130° F</i>
Accessory Equipment:	<i>SCR25A – Call-in module (for switches w/o SCR) WMT1A – Line-matching transformer for telephone paging TAMB – Telephone access module for telephone paging DDU250 – Desktop paging microphone MBS1000 – Desktop paging microphone TP6AP – Remote paging interphone CA10A, CA11A, CA17 – Call-in switches TWK351 – 2-Wire call-in adapter kit Connector Kits – Available for 18-, 20-, and 22-gauge with insertion tool (TL156) CR100A – AM/FM cassette player (mounted separately)</i>

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