

# INTERCOMS



**SI35A**

## Desktop Intercoms



**PI35A**

The **SI35A** and **PI35A** High-Powered Desktop Control Centers are dual-channel intercom and program distribution systems for applications with numerous locations, requiring maximum intelligibility of voice announcements and other sources.

### Product Features:

- Communicate with 25 to 75 rooms or remote locations, using up to three 25-room capacity room selector panels (PI35A – 25-room maximum; SI35A – expand to 75-room maximum)
- Distribute program material from microphones, CD player/tuner or other background music sources, tone signals, and emergency announcements to all or select locations
- 5 inputs: 2- MIC (1 built-in console mic), 1- AUX (Hi-Z) unbalanced, 1- TEL, 1- 25V booster amplifier
- Built-in 20W intercom amplifier and 35W program amplifier permit instant communication with any location without interrupting the distribution of program to other locations
- Built-in panel speaker to monitor program or listen to a station via intercom channel
- Instant Emergency/All-Call paging with a single push button
- Push-to-talk switch to communicate with selected intercom stations
- Station call-in annunciated with tone and illuminated light
- Time signal tone activated from external contact closure
- Telephone paging capabilities
- 25V balanced line output to drive a distributed speaker system
- Remote stations can be wall- or ceiling-mounted loudspeakers or horn-type loudspeaker
- Call-in switch can be used where call initiation is desired
- Privacy beep generation available to prevent eavesdropping
- Easy to understand and operate; instructions for intercom, program, and emergency page permanently printed on front panel
- External booster amplifier can be used when more than 35W is required
- 15V DC Phantom power supply
- Color-coded controls for easy operation
- 3-conductor, shielded 18, 20, or 22 AWG wire is recommended
- Sturdy desktop cabinet with simulated oak finish

<b>Power Requirements:</b>	120V AC
<b>Dimensions:</b>	PI35A - 20-1/2" W x 8-1/2" H x 11" D SI35A - 20-1/2" W x 12" H x 11" D
<b>Product Weight:</b>	PI35A - 24 lb.; SI35A - 29 lb.

### Targeted Communication

The PI35A and SI35A allow background music to play, without interruption, in selected areas while one or more rooms communicate directly with the main unit. This feature is useful in a number of applications, including:

**Schools:** A live news broadcast can be played over the system into all rooms. If an administrator needs a student, the call for the student can be placed directly into the classroom the student is in, without interrupting the live news broadcast to all the other classrooms.

**Medical Center:** If a nurse at the main desk needs to communicate immediately with one of the physicians, the nurse can call directly into the exam room where the physician is without interrupting the background music being played in all patient areas. This keeps the physician's demand and schedule private, so patients do not become concerned about the length of their wait before they get to see the physician.

### Connects To Existing Phone Systems

With the WMT1A Line-Matching Transformer, a connection can be made to the page port from the phone system. This allows an All-Call/Emergency notice to be made using the in-house phone system.

### Accessories



**Connector Kits:**  
2518 – 18-gauge  
2520 – 20-gauge  
2522 – 22-gauge



**TL156**  
Insertion Tool  
for connector kits

**CA10A**  
Call-in Switch,  
2-position



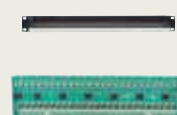
**CA11A**  
Call Privacy Switch,  
3-position



**CA17**  
Call-in Switch,  
push-button  
(use w/SCR25A)



**CDR1**  
CD Player  
& AM/FM Receiver



**MBS1000A**  
Desktop Paging  
Microphone



**DDU250**  
Dynamic Desktop  
Microphone



**SBA225**  
25-Station Selector  
Panel for SI35A



**SCR25A**  
Call-in Module  
for SBA225



**TWK351**  
2-Wire Call-In  
Adapter Kit



**WMT1A**  
Line-Matching  
Transformer

# VOICE REINFORCEMENT

## Voice Reinforcement System

### ORATOR

The **Bogen Orator** is a dual-channel, infrared (IR) wireless microphone/transmitter and mixer-amplifier system that is designed to enhance a presenter's voice in all areas of the room. IR technology eliminates the interference and cross-talk from adjacent rooms that occurs with FM-based wireless products.

#### ORB35 Orator Base Unit Features:

- 7-Input mixer/amplifier/receiver with 4 AUX inputs, 1 priority paging (25V/70V/line), and 2 MIC/Transmitter inputs
- Dual front-mounted charging dock for MIC/Transmitter
- Amplifier output power: 35W
- Master Volume, plus separate volume controls for each input
- 8-band EQ – front-mounted bass and treble controls, plus 6-band rear-mounted graphic EQ
- Speaker impedances: 70V, 25V or 8-ohms
- Output feeds: booster amp, subwoofer
- Front-mounted AUX input
- Front-mounted system output (for assistive listening devices, recording, etc.)
- Page input with VOX-triggered priority override function
- Rotating, lockable front cover for tamper protection and secure storage of MIC/Transmitters and accessories
- Listed to UL Standard 60065 for US and Canada

#### OMX1 MIC/Transmitter Features:

- Can be used as a handheld microphone as well as worn on a lanyard around the neck or as a body-pack with a user-supplied external microphone
- Built-in microphone with volume control
- Adjustable lanyard with break-away clasp for neck-worn applications
- Rugged, reliable, spring-wire belt clip
- Use built-in microphone or external microphone depending on wear style
- AUX input for wireless connection of audio sources (computers, MP3 players, etc.)
- Rechargeable, high-capacity Li-ion battery included
- Comprehensive battery/status indicator

#### ORS IR Sensor Features:

- Remotely mounted sensor connects via standard coaxial cable
- Add multiple sensors to improve reception in trouble spots

#### Accessories

**OXC1**  
External  
Sync-Charger



**WMK2**  
Easy Mount  
Wall Bracket



**RPK92**  
Rack Mount  
Brackets



**OSC50PLENUM**  
50-ft. Plenum-  
Rated Cable



## ORATOR

Orator System consists of:

- 1 Receiver/Base Unit (ORB35)
- 1 MIC/Transmitter (OMX1)
- 1 Infrared Sensor (ORS)
- Security Cover Locking Keys (2)
- Rechargeable Lithium Battery
- Adjustable Microphone Lanyard

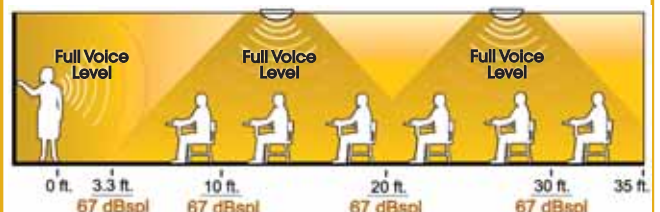
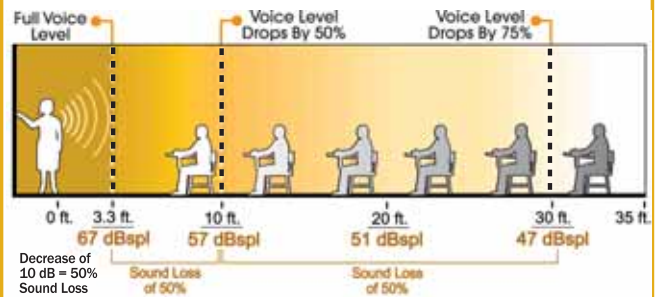
2 Pre-packaged System Options Available:

**ORATOR1** 1 MIC/Transmitter (OMX1)

**ORATOR2** 2 MIC/Transmitters (OMX1)

#### DISTRIBUTE SOUND EVENLY THROUGHOUT A ROOM

Typical room in which listeners sitting in the rear of the room hear only 25% of what the presenter says.



With Bogen **ORATOR**, individuals sitting at the back of the room can hear just as well as those who are sitting up front.

#### Easy Mount Wall Bracket

Specifically designed for easy 1-person mounting, special support stops help to locate receiver unit while installing hardware. The removal of 2 screws allows the ORB35 unit to rotate downward into a service position, allowing for easy access to rear controls and connections.



**OPERATIONAL POSITION**



**SERVICE POSITION**