

Selective Ring- Common Talk Interphone & Paging System

Models TP-6AP &
TP-12AP



Features

- Choice of 6 or 12 station capacity
- High intelligibility, high reliability
- Selective ringing, common talk communications
- Built-in all-station paging
- Optional loudspeaker paging
- Conference calls
- Junction boxes for easy installation

Description

The TP-6AP and TP-12AP are selective ring, common-talk interphones providing two-way and conference call communication, and all-station paging in systems of up to 6, or up to 12 stations, respectively. Each interphone has a push button keypad to select and ring the desired station(s). An electronic call tone alerts parties to a call. Communication is then free of controls, as with conventional telephones. Conference calls are initiated by simultaneously pressing the desired call buttons. All-station paging is selected by pressing the push button corresponding to the station used to make the page. Page announcements are transmitted over the earpiece speaker in the handset of each station.

Paging is easily defeated at any station where this feature is not desired. A two-position high/low switch is provided at each station to control the volume of page announcements and the electronic call tone. Each station has a built-in amplifier, permitting the addition of an external loudspeaker (such as the Bogen IH-8A) to any station located in an area where the ambient noise level may interfere with the ability to hear page announcements and/or the call tone.

An optional pager adapter (Bogen Model TB-10A) provides an interface between the interphone paging system and an external paging amplifier (or amplified

speaker) to permit all-station paging to remote areas without reducing system capacity. The adapter also may be used to add an additional one-way or one-way-with-talkback paging channel to the system. In this configuration, the adapter is wired as a station, reducing system capacity by one for each TB-10A installed. A variety of Bogen paging amplifiers and amplified speakers are available for configuring the system to individual application requirements.

A single power supply (Bogen Model RF-24A) is required for each installation. System wiring is simplified through the use of multi-conductor cable to junction boxes (supplied) at each station. The wall-mounting units measure 4-3/8" W x 8-1/2" H x 2-1/2" D.

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Technical
Specifications

- No. of Stations:** Numeral in TP-AP model designation indicates maximum number of stations par system.
- Operating Voltage:** 24V DC
- Power Supply:** Bogen Model RF-24A, regulated 24V DC @ 1 amp.
- Supply Current:** 16mA minimum (idle); 150mA maximum; 100mA calling
- Page Output Power:** 500mW
- Output Impedance:** 600 Ohms
- Station Operation:** Push-button station selection; full duplex handset communication; all-station page by pressing station selector button corresponding to station number of interphone used to make the page.
- Loudspeaker Page:** Page to remote speakers or additional one-way or one-way with talkback page channel with TB-10A accessory and appropriate loudspeakers
- Wiring Required:** Multi-conductor cable
- Mounting:** Wall mounting. Junction boxes supplied.
- Dimensions:** 4-3/8"W x 8-1/2"H x 2-1/2"D
- Accessories** *Bogen Model RF-24A regulated power supply
Bogen Model TB-10A Page Adapter for paging to remote speakers, additional page channel, background music amplifier*

Architects
and Engineers
Specifications

The selective ring, common-talk interphone system shall be a Bogen TP-AP Series with a total capacity of up to ____ stations (enter 6 or 12).

The system shall provide two-way and conference call communication, and all-station paging. Each station shall be equipped with a telephonic handset and wall mounting base equipped with a push button keypad to select and ring the desired station(s). All-station paging shall be selected by pressing the push button corresponding to the station used to make the page. Conference calls shall be initiated by simultaneously pressing the desired call buttons. Page announcements shall be transmitted over the earpiece speaker in the handset of each station.

An electronic call tone shall be used to alert parties to a call. It shall be possible to bypass the paging feature at any station where this feature is not desired. A two-position high/low switch shall be provided at each station to control the volume of page announcements and the electronic call tone. Each station shall have a built-in amplifier, permitting the addition of an external loudspeaker (such as the Bogen IH-8A) to any station located in an area where the ambient noise level may interfere with the ability to hear page announcements and/or the call tone.

It shall be possible to use an optionally available paging adapter (Bogen Model TB-10A) as a interface between the interphone paging system and an external paging amplifier (or amplified speaker). This option shall permit all-station paging to remote areas without reducing system capacity. It shall also be possible, using the adapter, to add an additional one-way or one-way-with-talkback paging channel to the system. (In this configuration, the adapter is wired as a station, reducing system capacity by one for each TB-10A installed.) A variety of Bogen paging amplifiers and amplified speakers are available for configuring the system to individual application requirements.

A single power supply (Bogen Model RF-24A) shall be required for each installation. Multi-conductor cable shall be required to interconnect the system. Each unit shall be wall-mounting. Junction boxes shall be supplied with each station.



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