

## Analog and IP PBX Phone Systems

### Description

PBX systems are specially designed to accommodate Talk-A-Phone Emergency/Information Phones, both analog and VoIP. Versatile and robust, these full-featured PBXs provide a complete head-end solution.

### Base Models

- PBX-IP:** For use with VOIP-500 Series Phones, includes PBX-MBU (desk phone not included). Additional licensing required.
- PBX-64:** For up to 64 Stations, includes 0 ports and one desk phone.
- PBX-136:** For up to 136 Stations, includes 72 ports and one desk phone.
- PBX-208:** For up to 208 Stations, includes 144 ports and one desk phone.
- PBX-280:** For up to 280 Stations, includes 216 ports and one desk phone.
- PBX-352:** For up to 352 Stations, includes 288 ports and one desk phone.
- PBX-424:** For up to 424 Stations, includes 360 ports and one desk phone.



*PBX-64 with PBX-PHONE*

### Features

- LCD displays caller ID, called party ID, call duration and real time clock
- Modular for easy expansion up to 424 analog units and nearly unlimited IP phones
- Guards can roam using cordless phone in place of standard desk phone
- 6 hours battery backup
- Add IP stations with only one card
- Use Voice-over-IP to communicate over LAN, WAN, DSL, Cable modem, etc.
- Pre-wired punch down block included
- PBX comes fully programmed
- All systems come standard with 8 ports for digital phones, 4 for trunk lines (expandable)

### Specifications (per cage)

Dimensions:	11.5(292)H x 16.9(430)W x 12(310)D in(mm)
Weight:	20 lbs. (9.1kg) empty; 34.5 lbs. (15.6kg) full capacity
Operating Temperature:	32°F (0°C) to 104°F (40°C)
Power:	115 watts nominal, 186 watts maximum
AC Input:	120V (108-132V), 57-63Hz, 3.4 Amps maximum current
IP Telephone Cable:	CAT5 UTP or better (max. distance = 328 ft.)
Analog/Desk Phone Cable:	1 twisted pair per Talk-A-Phone station (max. distance = 2500ft) 1 twisted pair 24 or 22 AWG per phone (max. distance = 1000ft w/o repeaters)

### Options & Accessories

- 8-port Mother Board: Model **PBX-8MB** adds 8 ports to a base PBX system.
- 8-port Daughter Board: Model **PBX-8DB** adds an additional 8 ports on to a Mother Board.
- Desk Phone: Up to 4 desk phones, model **PBX-PHONE**, may be used per system without adding additional Boards. One is included with all Base PBX Models.
- Cordless Phone: Model **PBX-PHONE-2** is a 900Mhz digital cordless phone that includes all the features of the desk phone.
- Direct Station Selector: Model **PBX-100DSS** has 50 dual-purpose programmable buttons to allow 100 directly selected stations. Up to 4 Selectors may be used with each desk phone.
- IP Connectivity: Model **PBX-MBU** allows for the addition of IP stations (additional licensing required).

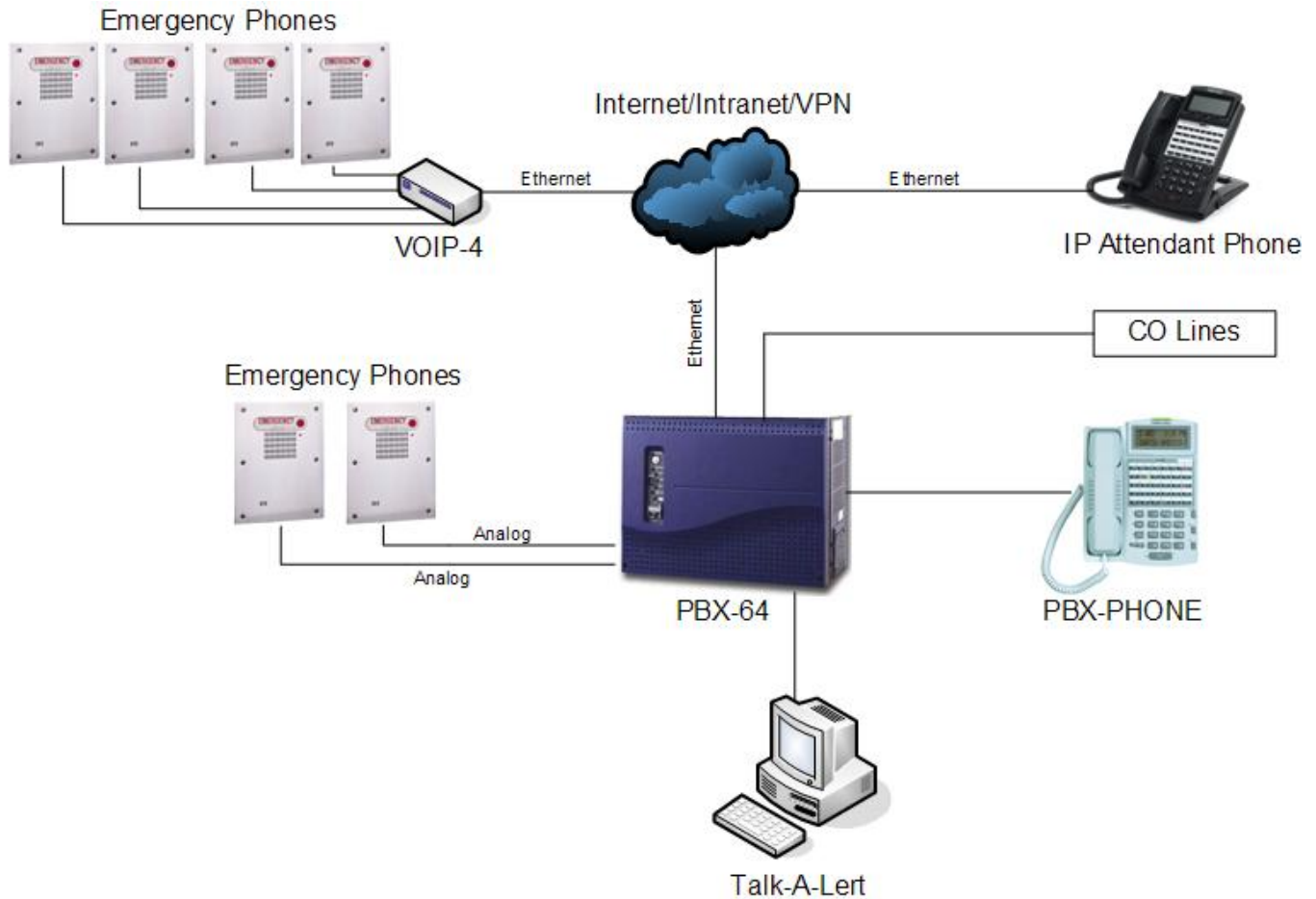
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Paging: Order model **PBX-PAGE** to allow PBX phones to page speakers through a pre-amp input on a paging amplifier.

Monitoring/Diagnostic Software Package: Talk-A-Lert®, model **ETP-TAL**, automatically polls each Emergency Phone, reports incoming calls and keeps permanent records of all events.

### Sample System Layout



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