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:	32ºF (0ºC) to 104ºF (40ºC)
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
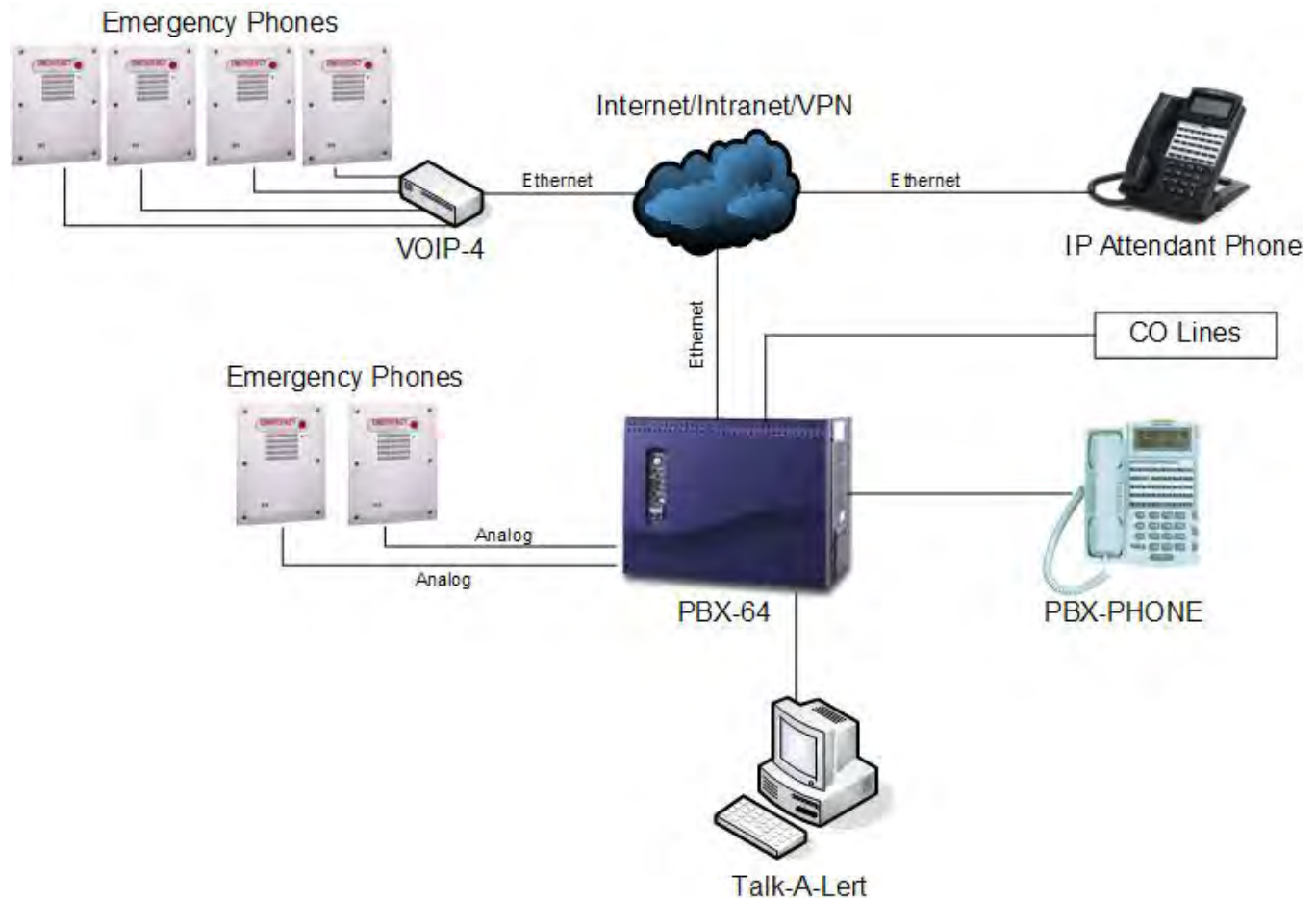|	
8-port Mother Board:	Model **PBX-8MB** adds 8 ports to a base PBX system.
8-port Daughter Board:	Model **PBX-8DB** adds an additional 8 ports on to a Mother Board.
Desk Phone:	Up to 4 desk phones, model **PBX-PHONE,** may be used per system without adding additional Boards. One is included with all 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

Emergency Phones

Internet/Intranet/VPN

Ethernet

VOIP-4

Ethernet

IP Attendant Phone

Ethernet

CO Lines

Emergency Phones

Analog

Analog

PBX-64

PBX-PHONE

Talk-A-Lert