

PBX-IP – IP PBX Phone System

Description

The PBX-IP phone system is designed to accommodate Talkaphone's VOIP-500 Series Phones. Versatile and robust, this full-featured PBX provides a complete head-end solution. PBX-IP includes the PBX-MBU interface card, which provides the hardware support for network connectivity and interoperability with the VOIP-500 Series Phones (additional SIP licensing required—not included with the PBX-IP).



Features

- Use Voice over IP to communicate over LAN/WAN
- Modular for easy expansion up to 1024 ports (any combination of analog, digital, and/or SIP ports)—includes 96-port license
- Approximately 6.0 hours battery backup included
- Includes PBX-MBU Interface Card (maximum 24 channels)—add support for SIP-based devices through additional licenses
- Includes licenses for up to 8 IP desk phones—desk phones are not included
- PBX-IP delivered fully programmed

Specifications (per Cabinet)

Dimensions:	13.3(338)H x 16.9(430)W x 12.2(310)D in(mm)
Weight:	20 lbs. (9.1kg) empty; 34.5 lbs. (15.6kg) full capacity
Rack Units:	8.5
Mounting:	19-inch rack mounted
Operating Temperature:	32°F (0°C) to 104°F (40°C)
Relative Humidity:	10% to 90% (non-condensing)
Power:	115 watts nominal, 186 watts maximum
AC Input:	120V (108-132V), 57-63Hz, 3.4 Amps maximum input current
Heat Dissipation:	Maximum 316 BTU/hr
Ethernet Cabling:	Cat5e UTP or better (maximum end-to-end distance of 328 ft.)

Options & Accessories

8-Port Motherboard:	Model PBX-8MB adds 8 analog extension ports to a PBX-IP system. Requires PBX-66BLOCK .
8-Port Daughterboard:	Model PBX-8DB adds an additional 8 analog extension ports on to a PBX-8MB motherboard. Requires PBX-8MB .
4-Port Analog Trunk Interface Card:	Model PBX-408-2 adds support for up to 4-ports for analog loopstart CO trunk lines. Requires PBX-66BLOCK .
IP Desk Phone:	Up to 8 desk phones, model PBX-IPPHONE , may be used per system without adding additional PBX-SL licenses. A maximum of 32 attendant desk phones are supported. Desk phones are not included with the PBX-IP.
Desk Phone License:	Station licenses are required by the PBX-IPPHONE. Models PBX-SL1 , PBX-SL10 , and PBX-SL25 are available.
SIP Channel License:	SIP channel licenses are required for any SIP-based device (e.g., Model VOIP-1-2-4-8 and Model VOIP-500). Models PBX-CL1 , PBX-CL10 , and PBX-CL25 are available.
Media Bridge Unit:	Model PBX-EMBU is a daughterboard that adds 24-channels to the PBX-MBU motherboard. Requires PBX-MBU .

IP-PBX – IP PBX Phone Systems

Sample System Layout

