

# MAXAttach IP™ | MAX™ IP

## Expandable VoIP Tabletop Conferencing Phone

The industry's first fully expandable SIP-based VoIP tabletop conference phone. The MAXAttach IP and MAX IP audio conferencing phones deliver unrivaled audio clarity and room coverage for your VoIP phone system. With ClearOne's advanced audio processing technologies, advanced SIP features, and the ability to daisy chain up to four phones, they deliver outstanding audio conferencing value.

**ClearOne.**



UNRIVALED AUDIO  
QUALITY, FLEXIBILITY  
AND AFFORDABILITY

### APPLICATIONS

Executive Office

Small Conference Room

Medium Conference Room

Large Conference Room

Training Room

Separate Rooms (MAXAttach IP phones can be separated for use in different rooms)

### ADVANTAGES

Superior Audio Performance

- + High-quality full duplex sound enables participants to speak and listen at the same time without cutting in and out
- + Distributed Echo Cancellation® effectively eliminates echo
- + Noise cancellation removes background noises from fans or HVAC systems
- + Automatic level controls keep participants' audio balanced and consistent
- + First-mic priority eliminates hollow "tunnel" sound by activating only the microphone closest to the person speaking
- + Three microphones provide 360° audio pickup

Expandability

- + MAXAttach IP comes with two phones and can expand up to four complete linked phones
- + MAX IP comes with a single phone and can also expand up to four complete linked phones
- + Linked phones provide multiple loudspeakers, multiple microphones, and multiple dial pads for unrivaled room coverage

SIP Feature Set

- + Connect to a wide variety of SIP platforms
- + VLAN tagging allows for bandwidth management & secure separation of voice & data networks
- + 3-way calling allows for ad-hoc conferences without need for conference bridge
- + TLS & SRTP encryption-ready (with future release of firmware upgrade) - secures voice communications over the network

Ease of Use & Control

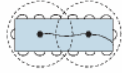
- + Field upgradeable for easy access to latest features
- + User-friendly telephone style controls
- + Selectable ring tones
- + Linked MAX IP phones can be operated using the dial pad of any phone - dialing, mute, volume controls, etc.

## > ROOM APPLICATIONS

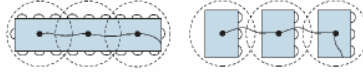
MAX IP



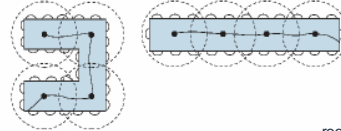
MAXAttach IP



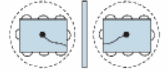
MAXAttach IP + 1 p. Kit



MAXAttach IP + 2 Exp. Kits



MAX IP Base Kit



### MAX IP Expansion Kit

Use with any MAX IP phone to expand coverage up to 4 total units. Includes phone and connecting cable, no base unit.

Enables MAXAttach IP and MAX IP phones to be used in separate rooms. Includes base unit and 25' cable.

## > SPECIFICATIONS

### Call Features

Call hold  
3-way calling  
Speed dial  
Mute  
Redial  
Configurable dial plan

### Features

TFTP provisioning  
DHCP  
DNS  
SNTP  
HTTP web configuration  
Dynamic firmware upgrade

### SIP Support

Audio codecs  
G.729A/B  
G.723.1  
G.711  
RTP/RTCP  
SDP  
TCP & UDP transport  
SIP proxy registration  
Outbound proxy support

### Networking Features

VLAN tagging & priority  
DIFFSERVE codepoint (DSCP)  
packet tagging for QOS

### Echo Cancellation

Tail time: 128 ms x 3

### Noise Cancellation

Dynamic noise cancellation

### Network Connection

10/100 Ethernet  
RJ-45

### Keypad

Alphanumeric standard keypad

### Loudspeaker

Volume: 90dBspl A weighted @ 1 ft  
Bandwidth: 200 Hz–3.3 kHz

### Record Output

Connector: 2.5 mm mono audio jack  
Impedance: < 1000 ohms  
Bandwidth: 200 Hz–3.3 kHz  
Dynamic range: 60 dB  
THD <.01%

### Certifications

FCC part 15 Class A  
UL Certified

### Power

Base unit:  
Auto-adjusting power module;  
100-240 VAC; 50/60 Hz

### Environmental

Operating temperature: 32–122° F  
(0–50° C)  
Storage temperature: 41–158° F  
(5–70° C)  
Operating humidity: 15 to 80%  
Storage humidity: 10 to 90%

### Dimensions (W x D x H)

Phone unit: 10.5" x 10.5" x 3"  
(26.7 cm x 26.7 cm x 7.6 cm)  
Base unit: 4.25" x 5.5" x 2.5"  
(10.8 cm x 14 cm x 6.4 cm)

### Weight

Phone unit: 2.7 lb (1.2 kg)  
Base unit: .6 lb (0.27 kg)  
Shipping: 10 lb (4.5 kg)

### PART NUMBERS

#### MAX IP

910-158-301

#### Includes:

MAX IP phone unit (1)  
MAX IP base unit (1)  
25' keyed cable (1)  
7' Ethernet cable (1)  
Documentation CD

#### MAXAttach IP

910-158-355

#### Includes:

MAX IP phone units (2)  
MAX IP base unit (1)  
12' keyed cable (1)  
25' keyed cable (1)  
7' Ethernet cable (1)  
Documentation CD

#### MAX IP Expansion Kit

910-158-350

#### Includes:

MAX IP phone unit (1)  
12' keyed cable (1)  
Documentation CD

#### MAX IP Base Kit

910-158-345

#### Includes:

MAX IP base unit (1)  
25' keyed cable (1)  
7' Ethernet cable  
Documentation CD



## > DISTRIBUTED BY ABP TECHNOLOGY

1850 Crown Drive  
Suite 1112  
Dallas, TX 75234  
Tel: 972-831-1600  
Fax: 972-831-1416

[sales@abptech.com](mailto:sales@abptech.com) [www.abptech.com](http://www.abptech.com)