

# eNterprise 7000 Series IP Telephones

technical specifications



7032IP

Designed with modern office aesthetics and ergonomics in mind, the eNterprise 7022IP and 7032IP Telephones bring all of the powerful features and services of the [eConn IP-PBX](#) to each desktop on a converged network helping employees collaborate easier and serve customers better.

The phones offer the utmost in functionality, excellent voice quality and provide seamless connectivity within your enterprise. High-fidelity speakerphone, multiple line appearances, programmable feature buttons, backlit digital display, adjustable base stand, and compact design make these phones a feature-rich communications tool for office professionals, managers, contact center agents and teleworkers.

## Sophisticated Network Devices

The eNterprise IP Telephones leverage standards-based technologies to offer the following advanced capabilities:

**SIP Based** — Support for Session Initiation Protocol means phones can be anywhere the IT infrastructure goes, including headquarters, branch locations and home offices.

**Presence** — An IP phone user's "presence" is detected in real time. No matter where a user is currently located, calls for that user will be routed appropriately, minimizing "telephone tag."

**Simplified Management** — Dynamic IP addressing means phones can be relocated quickly and easily without a technician or IT support.

**Multiple Power Options** — Including support for power over Ethernet IEEE 802.3af technology.

**Simple Wiring** — Phones connect to IP network using 10/100 base T Ethernet LAN connection. Each contain a built-in Ethernet switch and additional LAN port.

**Excellent Voice Quality** — Voice compression codecs optimize bandwidth and audio quality.



7022IP



7048IP Button  
Expansion Module

### **Physical Features**

- 22 or 32 keys for customized access to advanced calling features
- 12 fixed features: Hold, Transfer, Release, Cancel, Mute, Menu, Message, Mute / Music, Speaker, Up / Down Rocker Bar, Message Waiting Lamp / Incoming Call Indicator
- LED brightness control (3 levels)
- Handsfree high-fidelity speakerphone and microphone
- Four-line by 20-character or two-line by 20-character adjustable contrast and backlit display (4 levels)
- Integrated headset jack for amplified headsets
- Optional Button Expansion Module extends phone's feature access capabilities with an additional 192 buttons. BEM is available with or without an adjustable 2 x 20 backlit display.
- Hearing Aid Compatible (HAC) handset
- Desktop or wall mountable
- Five-position, 42 degree tilting base stand

### **Call Handling Features**

- Alarm Clock
- Answer and Auto Answer
- Audible Call Indicators
- Automatic Call Distribution (ACD) Agent & Supervisor Functionality
- Busy Lamp Field Status over IP to Remote Locations
- Button Banks
- Call Announce and All Call Announce
- Call Duration Display
- Call Forward (Busy / Don't Answer / Follow Me / Local / Remote / Outside System)
- Call History - Stores station's answered, outgoing and missed call information for retrieval and callback
- Call Park (Park to Station / Answer / Identification)
- Call Pickup
- Call Transfer and Auto Transfer
- Camp-On (Station / Trunk)
- Conference - Supports up to 256 parties in a conference including Meet-Me, Query and Isolate party features
- Directed and Remote Call Pickup
- Display Wrap
- Do-Not-Disturb
- E-911 Page Notification
- Group Listen
- Hold (Broker's Hold / Conference Hold / System Hold / Transfer Hold)
- Hot Keypad
- Intercom (Hot Line / Secretarial / Meet-Me Conference)
- Last Number and Stored Number Redial
- Line Selection
- Message Send and Retrieve
- Monitor
- Page
- Personal Preference Setup
- Recall
- Selectable Background Music Source
- Speed Dialing (Personal / System)

### **Management and Network Features**

- Graphical programming interface for station administration
- Browser-based desktop configuration tool
- Automatic set relocation
- Dynamic (DHCP) or static IP address assignment
- TFTP server-based provisioning
- Network Address Translation (NAT)
- Simple Traversal of UDP thru NATs (STUN)

### **Acoustic Control**

- Rocker bar design provides fingertip control of speaker, handset, headset, music, call announce and ringer volumes (8 levels)
- Voice activity detection
- DTMF tone generation and event RTP payload
- Adaptive jitter buffers
- Acoustic echo cancellation
- Background noise suppression

### **Maximum Loop Length**

No loop limit. CAT5 supports a single run of 100M without additional equipment.

### **Call Control Protocol**

eOn Extended SIP

### **Compression Algorithms**

G.711 Mu-law and A-law, G.729

### **LAN Ports**

Two 10/100 Mb switch Ethernet ports - one connects the IP phone with the Ethernet wall jack and the other to another IP device, such as a user's PC

### **Ethernet Standards**

Meets or exceeds IEEE 802.3 specifications for LAN

### **Power Options**

Accepts IEEE 802.3af Power over Ethernet via spare pair or signal pair, or supports an optional AC power adapter

### **AC Power Adapter**

Input: 120V AC 60Hz 220mA

Output: 48V DC 250mA

### **Environmental Conditions**

Operation Temperature: 59° to 95° F, 15° to 35° C

Storage Temperature: 32° to 118° F, 0° to 48° C

Relative Humidity: 20% to 80% non-condensing

### **Standards**

Meets or exceeds applicable CSA, UL, EMC, FCC specifications

### **System Requirements**

eNterprise IP Telephone Software Release V4.00 or later

eConn IP-PBX Software Release v1.00 or later

### **Dimensions**

8"W x 7 1/2"D x 2 1/2"H

### **Weight**

2 lbs 2 oz

### **Color**

Charcoal Gray



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