

## Advanced Color Gigabit IP Business Phone

The ZIP 47G combines a hi-resolution color display and dual Gigabit Ethernet ports, in a feature rich IP phone ideal for busy executives and heavy phone users.

Functions and contacts may be accessed quickly via 27 programmable soft keys. A dedicated headset port and Electronic Hook Switch support offer enhanced usability for wired and wireless headset users. The optional ZIP 440M Expansion Module supports additional programmable keys.

The ZIP 47G is fully compatible with Zultys' MXIE and ZAC Unified Communication applications, allowing users to manage calls and messages directly from their computer.

Like all Zultys phones, the ZIP 47G utilizes the Session Initiation Protocol (SIP) open standard and is managed from the Zultys MX Administrator application for rapid deployment and the industry's lowest total cost of ownership.



## Key Features and Benefits:

### Vivid Color Display & Gigabit Ethernet

The 4.3" hi-resolution 480x272 pixel color display of the ZIP 47G provides detailed call information accompanied by dynamic icons to minimize training requirements and maximize usability. Ten LCD labeled buttons support up to 27 programmable keys (3 pages of 9 keys). Key alert feature ensures that users are instantly alerted to Busy Lamp Field (BLF) and new call events. Four context sensitive soft keys below the display make conferencing, transfer and other operations a breeze.

### Expansion Module and Wireless Headset Support (EHS)

The ZIP 47G may be combined with up to six ZIP 440M Expansion Modules to facilitate up to 240 LCD labeled programmable keys, making it ideal for operators and receptionists. Staff requiring mobility around the office will appreciate the convenience of the Electronic Hook Switch control when the ZIP 47G is combined with a compatible Wireless Headset and EHS 3xi adapter. The ZIP 47G may also be used with a compatible Bluetooth headset when combined with the optional Bluetooth adapter.

### Remarkable Audio

Full-duplex speakerphone with acoustic echo cancellation, combined with high quality wideband HD speaker, microphone and handset components ensure conversations are always loud and clear, at the same time minimizing fatigue for heavy phone users.

### Simplified Deployment & SIP Open Standard

From initial deployment and configuration to future enhancements and upgrades, the Zultys ZIP 47G is designed to save your business time and money. Dual auto-sensing Gigabit Ethernet ports, with integrated IEEE 802.3af Power-Over-Ethernet (PoE) support, eliminate additional wiring and simplify installation. Zultys' leadership in SIP open standards IP telephony for over 10 years provides peace of mind and investment protection.

## Feature Highlights

- 480x272 pixel color display
- Dual Gigabit Ethernet ports
- Full call control via ZAC/MXIE
- 27 programmable LCD labeled keys
- 4 context sensitive soft keys
- Local 3-way conference
- Dedicated headset port with EHS support
- Supports ZIP 440M LCD Expansion
- Busy Lamp Field (BLF)
- Bluetooth and Wi-Fi supported via optional USB adapters
- XML Browser
- XML and LDAP based contact directories
- Call forward/Call waiting
- One-touch call transfer and conference
- One-touch call record button with look back capabilities
- Call park and pick up
- Displays caller and called line info
- Call Log and Redial
- Missed call notification
- Paging and Intercom auto-answer
- VLAN, DSCP and QOS support
- SIP open standard
- MXnetwork Redundancy support
- 802.3af Power-over-Ethernet
- Hearing Aid Compatible (HAC) handset
- Log into Call Groups from phone
- Wall Mountable (optional bracket required)

## Feature Keys

- 27 programmable LCD labeled soft keys
- 4 context sensitive soft keys
- Up to 10 line keys
- 4 navigation keys, select and cancel
- 10 dedicated function keys including: Transfer, Hold, Redial, Mute, Volume, Speakerphone, Headset and Voice Mail

## Audio and Codecs

- Full-duplex speakerphone
- Dedicated RJ9 modular headset port
- Electronic Hook Switch (EHS) support. Requires compatible wireless headset and EHS 3xi adapter (Part: 90-09301)
- Bluetooth headset support. Requires Bluetooth adapter (Part: 90-21100) and compatible Bluetooth headset.
- G.711  $\mu$ -law / A-law, G.729a
- G.722 wideband
- Independent volume setting for handset, headset, handsfree & ringer
- Echo cancellation
- Comfort noise
- Packet loss concealment

## Display and Indicators

- 4.3" TFT, 480x272 pixel color display
- LED's for message waiting indication (MWI), headset, handsfree & mute

## Security

- User and administrator level passwords
- HTTP/S configuration download and web management
- Phone lock with PIN
- Digest Authentication

## Localization

- English, Chinese, French, German, Italian, Polish, Portuguese, Russian, Spanish and Turkish
- Country-specific call progress tones and cadences

## Protocol

- IETF SIP (RFC3261) and associated RFCs
- Supports 6 SIP accounts

## Networking and Provisioning

- Dual 10/100/1000 Mbps switched Ethernet ports (LAN and PC ports)
- Wi-Fi 802.11b/g/n network support. Requires Wi-Fi adapter (Part: 90-21150)
- Support for DHCP option 66, 43 and 176
- Time and date synchronization using SNTP
- Quality of Service (QOS) support – IEEE 802.1 p/Q VLAN and priority tagging, Type of Services (TOS), and Differentiated Services Code Point
- Network Address Translation (NAT) support
- Integrated HTTP/HTTPS server for web administration
- Mass deployment via central provisioning of configuration files – TFTP, HTTP, HTTPS
- Built-in troubleshooting tools including network packet capture
- RTCP support (RFC1889)
- RTP streaming for Paging and Intercom applications
- IEEE 802.1x protocol support
- LLDP-MED support

## Power

- Integrated IEEE 802.3af Power Over Ethernet (PoE) support (class 3)
- Power Consumption: 2.7 - 5.5W
- Optional AC adapter (5V/2A) sold separately

## Package Content

- Zultys ZIP 47G phone
- Handset and coil cord
- Ethernet cable
- Desktop footstand
- Quick Start Guide

## Physical

- Dimensions (LWD) - 223 x 244 x 54mm (8.4" x 9.6" x 2.1")
- Weight - 1.0kg (35 oz).

## Operating Conditions

- Operating Conditions:
  - Temperature: -10°C to 50°C (14°F to 122°F)
  - Relative Humidity: 10% to 95%, non-condensing
- Storage Temperature: -40°C to 60°C (-40°F to 140°F)

## Certifications

- FCC Part 15 Class B
- RCM Mark
- CE Mark
- EN 60950 / UL 60950-1

## Part Number

- 90-0947G ZIP 47G phone, 480x272 pixel LCD, POE, no AC adapter

## MX firmware Requirements

- MX Release 12.0.7 or later

## ZIP 440M Expansion Module



## Display and Keys

- 160x320 pixel graphical backlit LCD
- 40 programmable keys (2 page x 20 keys)
- Up to 6 expansion modules may be daisy chained per phone (Phone and system limits apply to the maximum number of BLF keys)

## Power

- Powered from phone when 1 or 2 modules connected, 3-6 modules requires AC adapter (sold separately)
- Power Consumption: 1W

## Physical

- Dimensions (LWH) - 213 x 127 x 45mm (8.4" x 5.0" x 1.8")
- Weight - 420g (14.8 oz)

## Operating Conditions

- Operating Conditions:
  - Temperature: -10°C to 50°C (14°F to 122°F)
  - Relative Humidity: 10% to 90%, non-condensing
- Storage Temperature: -40°C to 60°C (-40°F to 140°F)

## Part Number

- 90-09440 ZIP 440M Expansion Module