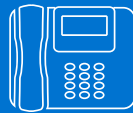# Mitel 6940w IP Phone

Powerful Wi-Fi equipped IP phone designed for the executive user

Key Features

- 7" (800x480 pixel) color LCD Touch Display
- Wi-Fi – dual band 802.11 a/b/g/n
- Bluetooth 5.2
- Mitel PCLink
- MobileLink mobile device integration
- Mobile phone charging point
- Cordless handset
- Enhanced full-duplex speakerphone
- Highly customizable via broad array of optional add-on accessories

The Mitel 6940w is designed for the executive user who demands an exceptional device that meets their demanding communication needs. The 6940w provides flexible network connectivity options including wired Ethernet and built-in Wi-Fi to facilitate installation in work-at-home and corporate environments. The 6940w's first-of-its-kind PCLink feature turns your phone into a high quality audio device for PC based video collaboration. PCLink enables seamless handling of both phone calls and PC audio through a single easy-to-use device. By connecting the phone to your favorite PC video collaboration solution you now have one centralized audio device for all communication. The enhanced full-duplex speakerphone, cordless handset and optional Mitel integrated DECT cordless or H-Series headset give you the flexibility you need to fit with with the way you work.

Mitel PCLink

PCLink solves the challenge today's home-based workers face day-in and day-out – how to effectively manage two necessary but independent communications modes: traditional phone calls and PC based collaboration. PCLink gives you the best of both worlds in a single, familiar, easy-to-use, high quality audio device – the 6940w IP Phone. Using PCLink you are no longer forced to use two separate audio accessories, one for your phone and one for our PC – all communications are managed by the 6940w. The 6940w frees you to work handsfree using the high-quality speakerphone or optional integrated cordless DECT headset, that allows you to roam about your house or office floor thanks to its exceptional operating range.

Mitel®
Powering connections

Mobile Integration

The 6940w IP Phone's MobileLink mobile device integration seamlessly marries mobile phone call audio and both contact and call log information with the desktop phone. Calls to the mobile phone can be answered on the 6940w just like any other call leveraging the superior audio performance and ergonomics of the 6940w. Mobile Phone contacts and call history are automatically synchronized with the 6940w allowing access to the same information on either device. A powered USB port suitable for charging a mobile phone is also built into the 6940w.

Flexible Headset Options

The Mitel 6940w offers a unique, physically integrated DECT cordless headset option that provides unparalleled integration between phone and headset. The 6940w also provides BT and USB headset connectivity support.

Feature Keys

- *Personal programmable soft keys for access to up to 96 Lines, Speed Dials and Telephony functions**
- *Context sensitive soft keys*
- *Touch-based navigation*

Audio and Codecs

- *Hearing aid compatible (HAC)cordless handset*
- *Full-duplex high-quality speakerphone*
- *Codecs (supported codecs differ based on call manager platform/cloud service):*
    - » *G.711, G.729, G.722 G*
    - » *722.1 (MiNet Only)*
    - » *G.726, iLBC AMR, G.722.2 AMR-WB (SIP Only)*

Display and Indicators

- *7" (800x480 pixel) color display*
- *Intuitive graphical user interface and navigation menus*
- *Adjustable screen brightness for user comfort in different lighting environments*
- *Programmable key indicators*

- *Dedicated LED for call and message waiting and Mobile Device Connect indication*

Protocol Support

- *SIP protocol support*
    - *-Mitel and 3rd Party call control*
- *Mitel IP (MiNet) protocol support*

Connectivity

- *Wi-Fi – dual band (2.4GHz / 5GHz) 802.11 a/b/g/n*
- *Dual Gigabit Ethernet ports - LAN + PC*
- *Bluetooth (BT) version 5.2*
- *Powered USB 2.0 Host port (500mA)*
- *Sidecar expansion port*

Integration

- *PCLink – use phone for PC audio via BT*
- *MobileLink*
    - » *Mobile pairing via BT*
    - » *Mobile Call Audio via desk phone*
    - » *Mobile Contact Sync*
    - » *Mobile Call Log Sync*
- *Mobile Charging (USB port)*
- *Support for Mitel Teleworker Solution, Automatic Call Distribution (ACD) agent and supervisor, hot desking, and resiliency*

- *Secure encrypted voice communication*
- *Quality of Service support – IEEE 802.1 p/Q VLAN and priority tagging*
- *IEEE 802.1x authentication support*

Powering

- *Designed for power conservation*
- *Accepts IEEE 802.3az Energy Efficient Power over Ethernet (POE)*
- *POE Class 3 with automatic POE class change on Expansion Module Installation*
- *Supports local power via 48V wall adapter*

Power Consumption

- *Idle 1.8w   Typical 9.0*

Environmental / Regulatory Standards

EMC

CANADA:

ICES-003 (CLASS B)

RSS-247

USA:

CFR Title 47, Part 15 Subpart B (CLASS B)

FCC Part 15 Subpart C

EUROPE:

EN55024 (EU)

EN55032, Class B

EN 301-489-1-17
EN 300 328

EN 50360

AUSTRALIA / NEW ZEALAND:

AS/NZS CISPR 22

Safety

CANADA:

CAN/CSA C22.2 No. 60950-1

USA:
UL 60950-1

EUROPE:

EN 60950-1

AUSTRALIA / NEW ZEALAND:

AS/NZS 60950-1

Telecom

CANADA:

CS03 Part V (Hearing Aid Compatible)

USA:

FCC part 68 (CFR 47) (Hearing Aid Compatible)

AUSTRALIA / NEW ZEALAND:

PTC220

AS/CA S004

AS/ACIF, S040

Temperature Ratings

- *Operational:*
  » Operational +4°C to +49°C

  » Humidity 34% at +49°C 95% at +29°C
- *Storage:*
  » Operational -30°C to +70°C

  » Humidity 15% at +70°C 95% at +29°C

Other

- *MTBF Rate: 40 years*

- *Size (L x W x H): 9.7 in x 5.9 in x 7.5 in (24.5cm x 15cm x 19cm)*

- *Weight: : 2.6 lbs or 1.18 kg*

*Note: Maximum number of functions varies by call manager platform

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