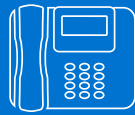# Mitel 6920w IP Phone

Designed for the enterprise user who requires flexibility & reliability

Key Features

- 3.5" QVGA (320x240 pixel) color display
- Wi-Fi – dual band 802.11 a/b/g/n
- Bluetooth 5.2
- Mitel PCLink
- MobileLink mobile device integration
- Mobile phone charging point
- High quality full-duplex speakerphone
- Native EHS/DHSG analog headset support
- USB port for headsets and accessorie

The 6920w is designed for power users who demand not only a modern design but also a phone that is flexible and delivers a high-quality communications experience. The 6920w provides flexible network connectivity options including wired Ethernet and built-in Wi-Fi to facilitate installation in work-at-home and corporate environments. The 6920w'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 video collaboration solution you now have one centralized, high quality audio device for all communications. The 6920 is designed from the ground up to provide an exceptional HD audio experience with high quality full-duplex speakerphone and support for Mitel's H-Series USB and EHS/DHSG headsets.

PCLink

PCLink solves the challenge today's home-based and office bound 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 6920w IP Phone. Using PCLink, you are no longer forced to use two separate audio accessories, one for your phone and one for your PC – all communications are managed by the 6920w. The 6920w frees you to work handsfree using the high-quality speakerphone or optional attached Mitel H-Series headset.

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Powering connections

MobileLink Mobile Integration

The 6920w 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 6920w just like any other call leveraging the superior audio performance and ergonomics of the 6920w. Mobile Phone contacts and call history are automatically synchronized with the 6920w allowing access to the same information on either device. A powered USB port suitable for charging a mobile phone is also built into the 6920w.

Flexible Headset Options

The 6920w provides BT and USB headset support and features an innovative analog headset port that uniquely provides dual support for DHSG and modular 4-pin headset connections.

Feature Keys

- *6 programmable keys with paging that enables up to 18 Lines, Speed Dials and Telephony functions**
- *4 context sensitive keys with paging support**
- *4-way navigation key*
- *11 dedicated feature keys plus dial pad*

Audio and Codecs

- *Mitel Hi-Q Audio Technology*
- *Hearing aid compatible (HAC) handset*
- *Full-duplex high-quality speakerphone*
- *Codecs (supported codecs differ based on call manager platform):*
    - *» 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

- *3.5" QVGA (320x420 pixel) color display*
- *Intuitive graphical user interface and navigation menus*
- *Adjustable screen brightness*
- *Programmable key status indicators*
- *Dedicated LED for call and message waiting 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*
- *Dedicated 4-pin modular headset port convertible to DHSG capable headset 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 1.3w   Typical 3.4*

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): 8.9 in x 5.9 in x 7.5 in (22.5cm x 15cm x 19cm)*

- *Weight: 2.2 lbs or 0.98kg*

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

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