

Mitel MiVoice 6900 Series IP Phones

Versatile family of the latest 'Mobile First' IP Phones designed for today's mobile work style



The Mitel 6900 series is a family of powerful 'Mobile First' IP phones offering advanced integration with mobile phone calls and applications. Mitel's Mobile Integration capability enables the user's mobile phone to pair directly with the 6900's Bluetooth interface to deliver access to mobile phone features from the desk phone allowing both cellphone and IP calls to be managed from a single device. Mobile Integration allows mobile phone users to leverage the exceptional HD audio and comfortable ergonomics of the 6900 series phones for both IP and cellphone calls. The 6900 phones deliver crystal clear audio through a unique corded or cordless voice optimized handset and high-performance hands-free speakerphone. Unparalleled flexibility is achieved through a broad array of add-on user installable accessories that enable the phones to be tailored to specific user needs. The 6900 family provides the flexibility and capability needed to meet the demanding needs of today's users.

MiVoice 6920 IP Phone



The MiVoice 6920 IP phone is designed from the ground up for the enterprise user who requires an exceptional HD audio experience via its unique voice optimized handset. It offers a large colour LCD display, dual GigE, programmable personal keys and context-sensitive soft keys, support for both USB & Analog headsets.

- 3.5" QVGA (320x240 pixel) colour display
- Speech optimized corded handset
- Programmable personal and Context sensitive soft keys
- Native DHSG/EHS analog headset support
- USB port for headsets and accessories

MiVoice 6930 IP Phone



The MiVoice 6930 IP phone commands the desktop with its large 4.3" colour display, powerful crystal-clear HD audio through the voice optimized handset, programmable personal keys, Bluetooth 4.1 with Mobile Integration, mobile phone USB charging point and choice of expansion modules makes the 6930 the choice of power users.

- 4.3" (480x272 pixel) colour display
- Bluetooth 4.1
- Mobile Integration
- USB Mobile phone charging point
- Programmable personal and Context sensitive soft keys
- Speech optimized corded handset
- Support for optional Cordless handset
- Enhanced full-duplex speakerphone
- Highly customizable via optional accessories

MiVoice 6940 IP Phone



The MiVoice 6940 IP Phone is designed for executive users who demand a lot from their phone. The 6940 offers a large 7" touch display, powerful crystal-clear HD audio through a unique cordless Bluetooth voice optimized handset and programmable personal keys. Mobile Integration, Dual Gigabit Ethernet ports and the full-duplex speakerphone ensure the 6940 delivers a robust, productivity-enhancing executive desktop communication tool.

- 7" (800x480 pixel) colour LCD Touch Display
- Bluetooth 4.1
- Mobile Integration
- Mobile phone charging point
- Cordless BT speech optimized handset
- Enhanced full-duplex speakerphone
- Programmable personal and Context sensitive soft keys
- Highly customizable via optional add-on accessories

Common features for all Mitel 6900 phones & Comparison Feature Matrix

System Software Requirements

- MiVoice Business, R8+
- MiVoice Office 400 R5.0+
- MiCollab Client, Release 7.2.2+

Audio and Codec

- Mitel Hi-Q Audio Technology
- Voice optimized handsets
- Hearing Aid Compatible (HAC) handset
- High quality full-duplex speakerphone
- Codecs (not all codecs supported by MiNet and SIP firmware):
 - G.711, G.729, G.722
 - G.722.1 (MiNet only);
 - G.726, iLBC AMR, AMR-WB (G.722.2) (SIP only)
- Headset connection interfaces – USB, Analog DHS/G/EHS port, Bluetooth 4.1 (standard on 6930/40)

Integration and Connectivity

- Mobile Integration (standard on 6930/40)
 - Mobile Call Audio via desk phone
 - Mobile Contact Sync

Comparison Feature Matrix

	6920	6930	6940
Colour LCD Display	3.5" (320x240) LCD	4.3" (480x272) LCD	7" (800x480) Touchscreen LCD
Mobile Integration	Yes via USB BT dongle	Yes	Yes
Dedicated LED for call, message waiting and Mobile Device Indication	Yes	Yes	Yes
Ethernet Ports	2 x GigE	2 x GigE	2 x GigE
Wideband Speakerphone	Yes	Yes	Yes
Bluetooth 4.1 Support	Future offering through BT USB dongle	Yes (built-in)	Yes (built-in)
Bluetooth Handset Support	Future offering through BT USB dongle	Yes (optional)	Yes (standard)
Wired Analog Headset Support	Yes	Yes	No
EHS Headset Support	Yes	Yes	No
USB Headset Support	Yes	Yes	Yes
Integrated DECT Headset	-	Yes (optional)	Yes (optional)
Detachable Keyboard Support	Yes	Yes	No (on screen keyboard)
Optional Wall Mount Support	Yes	Yes	Yes
LCD PKM Support	Yes (3 max)	Yes (3 max)	Yes (3 max)

Accessories

INTEGRATED DECT HEADSET



The Integrated DECT Headset delivers a range of up to 300 feet (100 meters) of personal area mobility, helping users avoid missed calls while stepping away to the printer, copier or colleagues' offices. Mitel's DECT Accessories are an ideal fit for all organizations and verticals including call centers, education, healthcare, hospitality and retail environments.

- DECT wireless technology – 100 meter range
- Premium mono-ear headset from Jabra
- Attaches to phone via phone's Expansion Port
- Powered directly by the IP phone
- Headset Call control buttons
- Supported on 6930 & 6940
- Available for MiVoice Business & Office 400

MiVoice S720 Bluetooth Speakerphone



The MiVoice S720 Bluetooth Speakerphone gives users the ability to untether themselves from their desk and take advantage of the added productivity that wireless communication delivers. Adding the benefit of completely hands-free communication, the MiVoice S720 enables users to work on their computers, handle documents, or take notes during conference calls, making it the ideal fit for all organizations and verticals including office workers, education, healthcare, hospitality and retail environments.

- Battery powered with USB charging
- Dual connect – desk phone & mobile phone
- Ability to link two speakerphones together wirelessly
- Play stereo music from mobile
- Extend conference phone range
- Supported on the 6930 & 6940 IP Phone
- Available today for MiVoice Business & Office 400

CORDLESS VOICE OPTIMIZED HANDSET



The cordless voice optimized handset allows users to enjoy clearly discernible conversations in a variety of environments without being physically tied to their desk phone. 6930 users can enjoy the freedom of cordless conversations for both IP and Mobile Integration calls by upgrading to the cordless handset.

- Supported on the 6930 (standard equipment on 6940)
- Easy installable – 6930 comes standard with cordless handset charging contacts
- Answer/hang-up, mute and volume up/down buttons provided
- Ringtone played through handset while out of the phone cradle
- BT 4.1 Class 2 (10 meter / 30 feet range) wireless interface

WLAN ADAPTER

The WLAN Adapter delivers wireless 802.11 a/b/g/n dual band (2.4GHz / 5GHz) network connectivity to your 6900, 5300 or 6800 series phone. Wirelessly enable your IP Phone by simply connecting the WLAN Adapter to the Phone's network port via the supplied Ethernet cable and then configure the adapter to connect to your home office or enterprise wireless network. The WLAN Adapter supplies POE power to the connected phone for a clean and simple single wall adapter solution.



The WLAN Adapter supports connection of a PC to the PC port of the connected phone with true 2x2 MIMO (300Mb/s) throughput. The WLAN Adapter delivers enterprise grade dual antenna connectivity and up to 802.1x security plus comes with a remote management application that allows administrators to remotely manage adapters deployed within their user community.

Features	Mitel WLAN Adapter
Wireless	802.11a/b/g/n (dual band 2.4 and 5 GHz)
Ethernet	10/100/1000
Security	WPA/WPA2 Personal Enterprise with 802.1x Authentication
Antenna	Two (internal)
MIMO	2x2 MIMO
Max Link Rate	MSC0 to MSC15 (300Mb/s)
Additional Software Security	Ethernet MAC Address Intrusion Alert
Config from Phone	Yes (Future)
MAC Address Transparency	Yes
Support PC plugged into Phone	Yes
POE+	Yes to power the phone + installed accessories
Remote Management	Yes via Remote Management Application
Bulk updates	Yes via Remote Management Application
Set Up	WPS, Remote Manager, Direct Config, Web

EXPANSION MODULES

The Mitel M695 can easily add 28 buttons to the existing Personal keys on a 6920, 6930 or 6940, enabling the MiVoice 6900 Series IP phones to become robust productivity enhancing desktop communication tools for users who need to monitor a large number of lines or Busy Lamp Fields. The M695 attaches easily to the 6900's sidecar expansion port which provides power to the attached PKM(s) for a clutter free desktop. Up to three modules can be daisy-chained together to provide up to 84 programmable keys that can be programmed with all of the same feature types available on the Personal keys of the base phone.



- Supported on the 6920, 6930 and 6940
- 28 programmable keys
- 4.3" 480x272 pixel colour backlit LCD display
- 3x M695 PKM's can be daisy-chained
- All attached PKM's powered by the phone



MiVoice 6970 IP Conference Phone

Key Features

- 7" 800x400 Color Touch Display
- 96 programmable keys
- 6 context-sensitive soft keys
- PoE power (802.3af)
- Bluetooth 4.1 enabled
- MobileLink feature
- One-touch Join Meeting
- 360° microphone pickups
- Mitel Hi-Q Audio Technology
- 2 USB ports



Feature Keys

- 6 pages of 16 programmable Personal soft touch keys for access to Lines, Speed Dials and Telephony functions
- 6 context sensitive touch soft keys
- 7 dedicated touch feature keys

Audio and Codecs

- 8 Beam-forming microphones for 360° audio pickup
- High output, high fidelity speaker
- Mitel Hi-Q Full Duplex Audio Technology
- Codecs: G.711 u-law / A-law, G.729, G.722, G.722.1

Display and Indicators

- 7" (800x480 pixel) color touch display
- Intuitive graphical user interface and navigation menus – same as 6900 desk phone UI
- Adjustable screen brightness for user comfort in different lighting environments
- Dedicated 360° visible LEDs for active call and mute indication

Protocol Support

- Mitel IP (MiNet) protocol support

Integration and Connectivity

- MobileLink
 - » Mobile Call Audio via desk phone
 - » Mobile Contact Sync
 - » Mobile Call Log Sync
- Support for Mitel Teleworker Solution, personal ring group, hot desking, and resiliency
- Support for use with Mitel MiCollab Meeting Center application (one touch join MiCollab conferences)
- Support for Mitel Mass Notification & Mitel Revolution broadcast applications
- Multiple-languages support: English, French, German, Spanish, Spanish (Latin American), Portuguese, Portuguese (Brazilian), Dutch, Italian, Romanian, Russian, Swedish

- Secure encrypted voice communication
- Quality of Service support – IEEE 802.1 p/Q VLAN and priority tagging
- IEEE 802.1x authentication support
- 10/100/1000 Mbps Ethernet port
- Bluetooth 4.1 wireless interface
- Powered USB 2.0 Host port (500mA)
- USB 2.0 Device port

System Software Requirements

- MiVoice Business, Release 8.0 SP2
- MiVoice Border Gateway (teleworker), Release 10
- MiCollab Client, Release 8

Powering

- Accepts standards-based (IEEE 802.3af) Power over Ethernet (PoE)
- Idle 2.6w Typical 5.6w

Environmental / Regulatory Standards

- Operational:
 - » Operational +4°C to +49°C
 - » Humidity 34% at +49°C 95% at +29°C
- Storage:
 - » Operational -40°C to +70°C
 - » Humidity 15% at +70°C 95% at +29°C

EMC/Radio

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:

MiVoice 6910 IP Phone

Key Features

- 3.4" 128x48 pixel LCD display with soft white backlighting
- HD wideband audio
- Eight programmable personal keys with LED indicator
- 4-way navigation key with Select/OK button
- Dual Gigabit Ethernet ports
- Native EHS/DHSG headset support
- PoE Class 2

Enhanced Call Management

With an extensive array of supported features including directory, calls logs, voicemail and eight programmable keys, the Mitel 6910 IP Phone is designed for easy access to all the most frequently used call management features.

Feature Keys

- 8 Programmable Personal keys with LEDs for Call Appearances and, Speed Dials
- 4-way navigation key with Select/OK button
- Dedicated function keys, including Conference, Transfer, Contacts, Call History, Voicemail, Hold, Redial, Goodbye, Options, Volume Up/Down key, Mute (with LED) and Speaker/Headset (with LED)

Audio and Codecs

- Mitel Hi-Q Audio Technology
- Hearing aid compatible (HAC) handset
- Full-duplex speakerphone
- Wideband handset and speakerphone
- Codecs: G.711 μ -law / A-law, iLBC, G.722, G.722.1, G.726, Linear 16, G.729*
- EHS/DHSG and 4-pin modular analog headset supported

Display and Indicators

- 3.4" 128x48 pixel graphical display
- Soft white backlight for user comfort in any lighting condition
- Call and message waiting indicator
- 8 Programmable Personal key indicators (single color)
- Speaker/Headset & Mute State Indicators

Protocol Support

- Mitel IP (Minet) protocol support
- SIP (Session Initiation Protocol) Support



System Software Requirements

- MiVoice Business 9.0 Service Pack 3
- MiVoice Border Gateway (teleworker), Release 11.0
- MiCollab Client, Release 9.0

Integration and Connectivity

- Dual 10/100/1000 Mbps Ethernet ports (LAN/PC)
- Support for Mitel Teleworker Solution, Automatic Call Distribution (ACD) agent and supervisor, hot desking, and resiliency
- Support for use with Mitel MiCollab Client
- Multiple-languages support: English, French, German, Spanish, Spanish (Latin American), Portuguese, Portuguese (Brazilian), Dutch, Italian, Polish, Romanian, Russian, Swedish
- Secure encrypted voice communication
- Quality of Service support – IEEE 802.1p/Q VLAN and priority tagging
- IEEE 802.1x authentication support
- Dedicated 4-pin RJ9 modular headset port convertible to EHS/DHSG capable port

Powering

- PoE Class 2 or DC via optional power supply
- Level "V" energy efficiency rated power adapters available

Available Accessories

- Wall Mount Kit (50008299)

Environmental / Regulatory Standards

- 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

MiVoice 6905 IP Phone

Key Features

- 2.75" (128x48 pixel) non-backlit display
- 3 programmable personal keys
- 4-way navigation key with Select/OK button
- HD wideband audio
- Dual Ethernet ports
- PoE Class 1



Feature Keys

- 3 Programmable Personal Keys for Speed Dials and Telephony features
- 4-way navigation key with Select/OK button
- Dedicated function keys, including Line Key, Hold, Redial, Goodbye, Options, Volume Up/Down keys, Mute (with LED) and Speaker (with LED)

Audio and Codecs

- Mitel Hi-Q Audio Technology
- Hearing aid compatible (HAC) handset
- Full-duplex speakerphone
- Wideband handset and speakerphone
- Codecs: G.711 μ -law / A-law, G.722, G.722.1, G.729

Display and Indicators

- 2.75" 128x48 pixel graphical display
- Large character font for easy reading at a distance
- Call and message waiting indicator
- Speaker/Headset & Mute State Indicators

Protocol Support

- Mitel IP (Minet) protocol support

System Software Requirements

- MiVoice Business 9.0 Service Pack 3
- MiVoice Border Gateway (teleworker), Release 11.0
- MiCollab Client, Release 9.0

Integration and Connectivity

- Dual 10/100 Mbps Ethernet ports (LAN/PC)
- Support for Mitel Teleworker Solution, hot desking, and resiliency
- Support for use with Mitel MiCollab Client
- Multiple-languages support: English, French, German, Spanish, Spanish (Latin American), Portuguese, Portuguese (Brazilian), Dutch, Italian, Polish, Romanian, Russian, Swedish
- Secure encrypted voice communication
- Quality of Service support – IEEE 802.1 p/Q VLAN and priority tagging
- IEEE 802.1x authentication support

Powering

- PoE Class 1 or DC via optional power supply
- Level "V" energy efficiency rated power adapters available

Available Accessories

- Wall Mount Kit (50008299)

Environmental / Regulatory Standards

- 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