

# MiVoice 6900 Series IP Phones

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



The MiVoice 6900 series is a family of powerful 'Mobile First' IP phones offering advanced integration with mobile phone calls and applications. Mitel's MobileLink 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. MobileLink 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 6900 Series IP Phones



### 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 color LCD display, dual GigE, 18 programmable personal keys, 4 context-sensitive soft keys, support for both USB & Analog headsets and support for MobileLink via the optional USB Bluetooth Dongle.

- 3.5" QVGA (320x240 pixel) color display
- Support for up to 18 lines
- MobileLink mobile device integration (available through optional USB BT dongle)
- Voice optimized corded handset
- Eighteen programmable personal keys and four 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" color display, powerful crystal clear HD audio through the voice optimized handset and 72 programmable personal keys, Bluetooth 4.1 interface with MobileLink mobile integration, mobile phone USB charging point and choice of expansion modules makes the 6930 the choice of power users.

- 4.3" (480x272 pixel) color display
- Bluetooth 4.1
- MobileLink mobile device integration
- Mobile phone charging point
- 72 programmable personal keys and 5 context sensitive soft keys
- Speech optimized 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 voice optimized handset and 96 programmable personal keys. MobileLink 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) color LCD Touch Display
- Bluetooth 4.1
- MobileLink mobile device integration
- Mobile phone charging point
- Cordless speech optimized handset
- Enhanced full-duplex speakerphone
- 96 programmable Personal keys and 6 context sensitive soft keys
- Highly customizable via broad array of optional add-on accessories

## Common features for all MiVoice 6900 phones & Comparison Feature Matrix

### System Software Requirements

- MiVoice Business, Release 8
- MiVoice Border Gateway (Teleworker), Release 9.4
- 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
- Codes: G.711 u-law / A-law, G.729, G.722, G.722.1
- Headset connection interfaces – USB, Analog DHSG/EHS port, Bluetooth 4.1 (standard on 6930/40, optional 6920)

### Integration and Connectivity

- MobileLink (standard on 6930/40, optional on 6930)
  - *Mobile Call Audio via desk phone*
  - *Mobile Contact Sync*

- Support for Mitel Teleworker Solution, Automatic Call Distribution (ACD) agent and supervisor, hot desking and resiliency
- Support for use with MiCollab Client
- Multiple-languages Support: English, French, German, Italian, Portuguese, Spanish and Dutch
- Secure encrypted voice communication
- Quality of Service support – IEEE 802.1 p/Q VLAN and priority tagging
- IEEE 802.1x authentication support
- Dual 10/100/1000 Mbps Ethernet ports (LAN/PC)
- Bluetooth 4.1 wireless interface (standard on 6930/40, optional on 6920)
- Powered USB 2.0 Host port (100mA on 6920, 500mA on 6930/40)
- Sidecar expansion port
- Dedicated 4-pin modular headset port convertible to DHSG/EHS capable headset port

## Comparison Feature Matrix

	6920	6930	6940
<b>Color LCD Display</b>	3.5" (320x240) LCD	4.3" (480x272) LCD	7" (800x480) Touchscreen LCD
<b>MobileLink</b>	Yes via USB BT dongle	Yes	Yes
<b>Dedicated LED for call, message waiting and Mobile Device Indication</b>	Yes	YEs	Yes
<b>Programmable Personal Keys</b>	18 (3 x 6 pages)	72 (6 x 12 pages)	96 (6 x 16 pages)
<b>Context-Sensitive Soft Keys</b>	4	5	6
<b>Ethernet Ports</b>	2 x GigE	2 x GigE	2 x GigE
<b>Wideband Speakerphone</b>	Yes	Yes	Yes
<b>Bluetooth 4.1 Support</b>	Yes via USB BT dongle	Yes (built-in)	Yes (built-in)

<b>Bluetooth Handset Support</b>	-	Yes (optional)	Yes (standard)
<b>Wired Analog Headset Support</b>	Yes	Yes	No
<b>EHS Headset Support</b>	Yes	Yes	No
<b>USB Headset Support</b>	Yes	Yes	Yes
<b>Integrated DECT Headset</b>	-	Yes (optional)	Yes (optional)
<b>Detachable Keyboard Support</b>	Yes	Yes	No (on screen keyboard)
<b>Optional Wall Mount Support</b>	Yes	Yes	Yes
<b>LCD PKM Support</b>	Yes (3 max)	Yes (3 max)	Yes (3 max)

## Accessories

### CORDLESS VOICE OPTIMIZED HANDSET

The cordless voice optimized handset allows users to enjoy clearly discernable 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 MobileLink calls by upgrading to the cordless handset.

- Supported on the 6930 (standard equipment on 6940)
- End user 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 color backlit LCD display
- Additional M695 PKM's can be daisy-chained for a combined total of up to 3 modules
- All attached PKM's powered by the phone – no separate power adapter required

