

MITEL

## IP Desktop | IP Desktop Phones and Peripherals

### The Evolution of the Business Telephone

Mitel® offers the industry's most comprehensive portfolio of IP desktop devices. Designed with ergonomics and modern office aesthetics in mind, they give users easy, intuitive access to the feature-rich telephony and advanced desktop applications enabled by Mitel IP Communications Platforms (ICPs).

The Mitel IP Phones include affordable entry level IP phones and sophisticated desktop devices including Gigabit Ethernet and Wireless LAN stands and applications rich IP phones.



#### Mitel 5201 IP Phone

This cost-effective, basic IP phone offers easy access to telephony and messaging services. It is designed for common areas and occasional users who require access to basic telephony and messaging services.



#### Mitel 5212 IP Phone

This dual mode, dual port, handsfree speakerphone with multiple lines and easy to read, white backlit graphics display and programmable feature keys is ideal as a teleworker phone or for users requiring access to more sophisticated system features.



#### Mitel 5224 IP Phone

This feature-rich, dual mode, dual port, enterprise-class, multi-line IP phone has a white backlit graphics display, programmable feature keys, context sensitive softkeys and full duplex handsfree operation. Supports peripherals such as audio conferencing, Programmable Key Modules (PKMs) and Line Interface Modules (LIMs) for local access. Ideal for teleworkers and users who must change their feature set to meet changing needs.



it's about **YOU**



**Mitel 5235 IP Phone**

This full-feature enterprise-class telephone with its large, backlit touch-screen provides users with real-time access to applications and services such as web browsing, conferencing, and visual voice mail. It is ideal for executives and managers, and can be used as an ACD agent or supervisor phone, as well as a teleworker phone.



**Mitel 5330 IP Phone**

A full-feature enterprise-class telephone, the 5330 IP Phone provides a large graphics display with 24 programmable self-labeling keys, superior wideband audio, and a built-in HTML toolkit for desktop applications development.



**Mitel 5340 IP Phone**

A full-feature enterprise-class telephone, the 5340 IP Phone provides a large backlit graphics display with 48 programmable self-labeling keys, six intuitive call state sensitive softkeys, superior sound quality with wideband audio, and a built-in HTML toolkit for desktop applications development.



**Mitel Navigator**

Mitel Navigator® is a breakthrough communications device that radically enhances the meaning of voice, video and data convergence on the desktop. With an entirely new form factor, Navigator delivers an unrivalled user experience and can be personally tailored for specific horizontal and vertical market applications.



**Mitel Gigabit Ethernet Stand**

Ideal for users with high bandwidth requirements, the Mitel Gigabit Ethernet Stand delivers the latest technology and advancements in Gigabit Ethernet connectivity for Mitel IP phones. This unique peripheral device gives all compatible Mitel IP phones the ability to migrate as the customer's network evolves, thereby providing capital investment protection. This is supported on the Mitel 5212 / 5224 / 5235 / 5330 / 5340 IP Phones.



**Mitel Wireless LAN Stand**

The innovative design of the Mitel Wireless LAN Stand allows your wired Mitel IP phone to be converted to a wireless device so it can operate as either a Wireless Client or an Access Point that supports voice, data and video over a wireless network.



**Mitel Programmable Key Modules**

These expansion modules let you add 12, 48 or 96 additional programmable keys to Mitel 5224 and 5235 IP Phones.



**Mitel 5310 IP Conference Unit**

This full duplex IP conference phone features exclusive acoustic beam forming technology to eliminate ambient room noise and sidebar conversations. Ideal for executive offices or conference rooms. Supported on 5224 / 5235 / 5330 / 5340 IP Phones.



**Mitel Line Interface Module**

This module allows the connection of an analog line to Mitel 5224 / 5235 / 5330 / 5340 IP Phones, to enable local line selectability, emergency call diversion for remote workers or failover capability for IP phones. Ideal for remote teleworkers or users requiring phone access in the event of LAN failures.



**Mitel 5550 IP Console**

This advanced PC-based IP console and administration application features an intuitive Graphical User Interface (GUI) that includes screen-based call status and call handling prompts. Features include Direct Station Select (DSS) and Busy Lamp Field (BLF) status for up to 5,000 extensions, incoming caller identification, transferred calls and calls on hold screens, and unique functionality such as Bulletin Board and Scratch Pad.

### 5200 / 5300 IP Desktop Feature Matrix

For your convenience, here is a matrix of the current 5200 and 5300 IP phone Series that allows you to compare the features and functionality of each IP phone at a glance.

	5201 IP Phone	5212 IP Phone	5224 IP Phone	5235 IP Phone	5330 IP Phone	5340 IP Phone	Navigator
<b>Physical</b>							
Desk / Wall Mountable	Yes	Yes	Yes	Yes	Yes	Yes	Desk Only
Desk / Wall Mount Stand	Included	Included	Included	Included	Included	Included	Included (Desk Only)
5200 Series Handset (Rel. 2)	Yes	Yes	Yes	Yes	No	No	Yes
5300 Series Handset (Version 4)	No	No	No	No	Yes (Wideband)	Yes (Wideband)	No
Length of Handset Cord	3 Meters	3 Meters	3 Meters	3 Meters	3 Meters	3 Meters	3 Meters
LAN Ports	1-Port	2-Port	2-Port	2-Port	2-Port	2-Port	2-Port
Ethernet Cable (3 Meters)	Not Included	Included	Included	Included	Included	Included	Included
Compression Support	G.711	G.711, G.729	G.711, G.729	G.711, G.729	G.711, G.729	G.711, G.729	G.711, G.729
Voice QoS (802.1p/q)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Encryption	DES	128 bit AES*	128 bit AES*	128 bit AES*	128 bit AES*	128 bit AES*	128 bit AES*
CLASS B Support	Yes	Yes	Yes	Yes	Yes**	Yes**	Yes
Headset Jack	No	Yes	Yes	Yes	Yes	Yes	Yes
Peripherals (Modules) Support	No	No	Yes	Yes	Yes (Does not include PKM support)	Yes (Does not include PKM support)	No

\*Advanced Encryption Standard

\*\*Will be phased in 2007

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<b>Powering Options</b>							
Ethernet / AC Power Adaptor Support (48 VDC LAN Power)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
AC Power Adapter (24VDC)	No	No	Yes	No	No	No	Yes
Power Dongle (Cisco® Compliant)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
PowerDsine In-Line Power Hub	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Spare Pair Power, 802.3af	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Signal (Phantom) Pair Power, 802.3af	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Power Consumption	1.7W	3.9W	3.9W	5.2W	3.9W	4.8W	8.0W

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<b>Display</b>							
Color	Not Applicable	White	White	High Contrast Monochrome, Graphic	Not Applicable	White LED Backlight	White
Size	Not Applicable	2 Lines x 20 Characters	2 Lines x 20 Characters	320 x 240 (1/4 VGA)	320 x 240 (1/4 VGA)	320 x 240 (1/4 VGA)	2 Lines x 20 Characters
Number of Pixels	Not Applicable	160 X 28 (w x h)	160 x 28 (w x h)	320 x 240 (w X h)	160 x 320 (w x h)	160 x 320 (w x h)	160 x 28 (w x h)
Pixel Size	Not Applicable	0.43 x 0.43 mm	0.43 x 0.43 mm	0.22 x 0.22 mm	0.37 x 0.40 mm	0.37 x 0.40 mm	0.43 x 0.43 mm
Illumination	Not Applicable	Reflective Backlit	Reflective Backlit	Reflective Backlit	Reflective FSTN (Non-backlit)	Transmissive FSTN with White LED Backlight	Reflective Backlit
Contrast Adjust	Not Applicable	Yes	Yes	Yes	Yes	Yes	Yes
Display (soft) Keys	Not Applicable	No	Yes	Yes	Yes	Yes	Yes
Auto Dimming	Not Applicable	Yes	Yes	Yes (Programmable)	Not Applicable	Yes (Programmable)	Yes
Backlight Off Capability	Not Applicable	No	No	No	Not Applicable	Yes	No

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<b>Function Keys</b>							
Number of Programmable Feature / Line Appearance Keys	0	12	24	24 (Self-labeling)	24 (Self-labeling)	48 (Self-labeling)	24 (Self-labeling) (Navigator task bar)
Multi-line	No	Yes	Yes	Yes	Yes	Yes	Yes
Hold	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Redial	No	Yes	Yes	Yes (Softkey)	Yes	Yes	Yes
Cancel	No	Yes	Yes	Yes	Yes	Yes	Yes
Volume Up / Down Keys	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Ringer Up / Down Keys	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Message Key	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Transfer / Conference Key	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Call Forward (On / Off) Key	No	Yes (Definable)	Yes	Yes (Softkey)	Yes (Softkey)	Yes (Softkey)	Yes (Softkey)
Call Me Back Key	No	Yes (Definable)	Yes	Yes (Softkey)	Yes (Softkey)	Yes (Softkey)	Yes (Softkey)
Phonebook / Directory Key	No	Yes (SX-200 ICP Only) (Definable)	Yes	Yes (Softkey)	Yes (Via Settings Key)	Yes (Via Settings Key)	Yes (Via Settings Key)
Mute Key	No	Yes	Yes	No	Yes	Yes	Yes
Microphone Key	No	No	No	Yes	No	No	No
Speakerphone	No	Yes	Yes	Yes	Yes	Yes	Yes
Program / Superkey	No	Yes	Yes	Settings tab provides multiple programming options	Settings key and PC companion application provide multiple programming options	Settings key and PC companion application provide multiple programming options	Settings key and Navigator task bar provide multiple programming options

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<b>Indicators</b>							
Feature / Line Appearance LEDs	No	12	24	24	24	48	27 (3 are page # keys)
Message Waiting LED	Orange	Orange	Orange	Orange	Orange	Orange	Blue
Hold	Yes (Flashes orange)	Yes (Flashes orange)	Yes (Flashes orange)	Yes	Yes (Flashes orange)	Yes (Flashes orange)	Yes (Flashes blue)
Hold Button	Red	Red	Red	Red	Red	Red	Red
LED Color	Orange	Orange / Green (SX-200 ICP only)	Orange / Green (SX-200 ICP only)	Monochrome (on screen indication)	Orange / Green (SX-200 ICP only)	Orange / Green (SX-200 ICP only)	Blue
Ringer LED	Orange	Orange	Orange	Orange	Orange	Orange	Blue
Microphone / Mute LED	No	Yes (Orange)	Yes (Orange)	Yes (Orange)	Orange	Orange	Yes (Blue)

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<b>Acoustic Functions</b>							
Ring Volume Adjust	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Handset Volume Adjust	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Handsfree Speakerphone	No	Yes	Yes	Yes	Yes	Yes	Yes
Handsfree: Half Duplex (HD) or Full Duplex (FD)	None	HD Handsfree	FD Handsfree	FD Handsfree	FD Handsfree	FD Handsfree	FD Handsfree
Wideband Audio Hardware	No	No	No	No	Yes	Yes	No
On-Hook Dialing	No	Yes	Yes	Yes	Yes	Yes	Yes
On-Hook Call Announce (Paging Receive Capability)	No	Yes	Yes	Yes	Yes	Yes	Yes
Off Hook Call Announce	No	Yes	Yes	Yes	Yes	Yes	Yes
Multicasting	No	Yes	Yes	Yes	Yes	Yes	Yes
Amplified Receive >12dB	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Hearing Aid Compatible (HAC) Handset	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Ring Warble / Pitch Adjust	No	Yes	Yes	Yes	Yes	Yes	Yes

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<b>System / Software Requirements</b>							
SX-200 ICP	Rls 1.0 or later	Rls 3.0 or later	Rls 3.0 or later	Not Available	Rls 4.0 or later	Rls 4.0 or later	Not Available
3300 ICP	Rls 3.3 or later	Rls 6.1 or later	Rls 6.1 or later	Rls 6.0 or later	Rls 7.0 (UR2) or later	Rls 7.0 (UR2) or later	Rls 6.1 or later
3600 Hosted Key System	Not Available	Rls 2.1 or later	Rls 2.0 or later	Not Available	Not Available	Not Available	Not Available
Teleworker Solutions Platform	Not Available	Rls 3.2 (UR1) or later	Rls 3.2 (UR1) or later	Rls 3.2 or later	Rls 4.1 or later	Rls 4.1 or later	Rls 3.2 (UR1) or later
SIP Software Platform	Not Available	SIP Rls 4.0 or later	SIP Rls 4.0 or later	SIP Rls 4.0 or later	Future	Future	SIP Rls 5.0 or later

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