

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.

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



Mitel 5302 IP Phone

An economical, entry-level IP desktop device, the 5302 IP Phone is a dual-port, two line IP phone that supports compression, and is designed for users requiring access to basic telephony and messaging services.



Mitel 5212 IP Phone

This dual-mode, dual-port, hands-free 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 soft-keys and full duplex hands-free operation. This phone also supports peripherals such as audio conferencing, Mitel IP Programmable Key Modules (PKMs) and the Mitel Line Interface Module for local access. Ideal for teleworkers and users who must change their feature set to meet changing needs.



Mitel 5330 IP Phone

A full-feature enterprise-class telephone, the 5330 IP Phone provides a large backlit graphics display with 24 programmable self-labeling keys, superior wideband audio, and a built-in HTML toolkit for desktop applications development. The Mitel 5300 Intelligent Phone Applications Suite increases worker productivity by providing tighter integration between desktop devices and tools used by enterprise and small business knowledge workers.



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 soft-keys, superior sound quality with wideband audio, and a built-in HTML toolkit for desktop applications development. The Mitel 5300 Intelligent Phone Applications Suite increases worker productivity by providing tighter integration between desktop devices and tools used by enterprise and small business knowledge workers.



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 GigE 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 device is supported on the Mitel 5212 IP Phone, Mitel 5224 IP Phone, Mitel 5330 IP Phone, and Mitel 5340 IP Phone.



Mitel Wireless LAN Stand

The innovative design of the WLAN 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. This device is supported on the Mitel 5212 IP Phone, Mitel 5224 IP Phone, Mitel 5330 IP Phone, and Mitel 5340 IP Phone.



Mitel IP Programmable Key Modules

The Mitel IP Programmable Key Module (PKM) 12 and Mitel IP Programmable Key Module (PKM) 48 let you add 12 or 48 additional programmable keys to Mitel 5224 IP Phones. By connecting two PKM 48s to the 5224 IP Phone, an additional 96 keys become available.



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. It is ideal for executive offices or conference rooms. The 5310 IP Conference Unit is supported on Mitel 5224 IP Phones, Mitel 5330 IP Phones, and Mitel 5340 IP Phones.



Mitel Line Interface Module

The Line Interface Module allows the connection of an analog line to Mitel 5224 IP Phones, Mitel 5330 IP Phones, and Mitel 5340 IP Phones to enable local line select-ability, emergency call diversion for remote workers, or fail-over capability for IP phones. It is ideal for remote teleworkers or users requiring phone access in the event of LAN failures.



Mitel Cordless Accessories

Mitel's newest IP peripherals, the Mitel Cordless Handset and Mitel Cordless Headset are unique accessories that offer unprecedented convenience and corridor mobility for Mitel 5330 IP Phone and Mitel 5340 IP Phone users. The Cordless Handset and Cordless Headset allow the user to have personal area mobility with a range of up to 300 feet from their desk within their office or adjacent offices, while still communicating on their desktop phone.



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, color customizable phonebook data fields, incoming caller identification, transferred calls and calls on hold screens, and unique functionality such as bulletin board and scratch pad. Presence and instant messaging (IM) support allows the console operator to see if someone is away from their desk, busy, or do not want to be disturbed. IM support allows operators to quickly send the user a message to let them know they have a call, or to ask them a quick question.

5200 / 5300 Series IP Desktop Phones 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.

	5302 IP Phone	5212 IP Phone	5224 IP Phone	5330 IP Phone	5340 IP Phone	Navigator
Physical						
Desk / Wall Mountable	Yes	Yes	Yes	Yes	Yes	Desk Only
Desk / Wall Mount Stand	Not Included (Ordered Separately)	Included	Included	Included	Included	Included (Desk Only)
5300 Series Handset (Version 4)	Yes	Yes	Yes	Yes (Wideband)	Yes (Wideband)	No (v2 Handset)
Length of Handset Cord	3 Meters	3 Meters	3 Meters	3 Meters	3 Meters	3 Meters
LAN Ports	2-Port	2-Port	2-Port	2-Port	2-Port	2-Port
Ethernet Cable (3 Meters)	Included	Included	Included	Included	Included	Included
Compression Support	G.711, G.729a	G.711, G.729a	G.711, G.729a	G.711, G.729a	G.711, G.729a	G.711, G.729a
Voice QoS (802.1p/q)	Yes	Yes	Yes	Yes	Yes	Yes
Encryption	SIP Authentication	128 bit AES*	128 bit AES*	128 bit AES*	128 bit AES*	128 bit AES*
CLASS B Support	Yes	Yes	Yes	Yes	Yes	Yes
Headset Jack	No	Yes	Yes	Yes	Yes	Yes
Peripherals (Modules) Support	No	No	Yes	Yes (Does not include PKM support)	Yes (Does not include PKM support)	No
WLAN Stand / GigE Stand Support	No	Yes	Yes	Yes	Yes	

*Advanced Encryption Standard

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Powering Options

Ethernet / AC Power Adaptor Support (48 VDC LAN Power)	Yes	Yes	Yes	Yes	Yes	Yes
AC Power Adapter (24VDC)	No	No	Yes	No	No	Yes
802.3af Power over Ethernet Compliant	Yes	Yes	Yes	Yes	Yes	Yes
Power Consumption	3.84W	3.9W	3.9W	4.8W	4.8W	8.0W

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Display

Color	Not Applicable	White	White	White LED Backlight	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)	2 Lines x 20 Characters
Number of Pixels	Not Applicable	160 X 28 (w x h)	160 x 28 (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	0.37 x 0.40 mm	0.37 x 0.40 mm	0.43 x 0.43 mm
Illumination	Not Applicable	Reflective Backlit	Reflective Backlit	Transmissive FSTN with White LED Backlight	Transmissive FSTN with White LED Backlight	Reflective Backlit
Contrast Adjust	Not Applicable	Yes	Yes	Yes	Yes	Yes
Display (soft) Keys	Not Applicable	No	Yes	Yes	Yes	Yes
Auto Dimming	Not Applicable	Yes	Yes	Yes (Programmable)	Yes (Programmable)	Yes
Backlight Off Capability	Not Applicable	No	No	Yes	Yes	No

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Function Keys						
Number of Programmable Feature Keys	4	12	24	24 (Self-labeling)	48 (Self-labeling)	24 (Self-labeling) (Navigator task bar)
Fixed Feature Keys	5	10	10	10	10	10
Soft-Keys	0	0	3	3	6	3
Multiline	Yes (the lines have to be configured as multi-call line appearances)	Yes	Yes	Yes	Yes	Yes
Hold	Yes	Yes	Yes	Yes	Yes	Yes
Redial	Yes	Yes	Yes	Yes	Yes	Yes
Cancel	No	Yes	Yes	Yes	Yes	Yes
Volume Up / Down Keys	Yes	Yes	Yes	Yes	Yes	Yes
Ringer Up / Down Keys	Yes	Yes	Yes	Yes	Yes	Yes
Message Key	No (Definable)	Yes	Yes	Yes	Yes	Yes
Transfer / Conference Key	Yes	Yes	Yes	Yes	Yes	Yes
Call Forward (On / Off) Key	No	Yes (Definable)	Yes	Yes (Soft-key)	Yes (Soft-key)	Yes (Softkey)
Call Me Back Key	No	Yes (Definable)	Yes	Yes (Soft-key)	Yes (Soft-key)	Yes (Softkey)
Phonebook / Directory Key	No	Yes (Definable)	Yes	Yes (Via Applications Key)	Yes (Via Applications Key)	Yes (Via Settings Key)
Mute Key	No	Yes	Yes	Yes	Yes	Yes
Microphone Key	No	No	No	No	No	No
Speakerphone	No	Yes	Yes	Yes	Yes	Yes
Program / Superkey	No	Yes	Yes	Settings Key / Applications Key Provide Multiple Programming Options	Settings Key / Applications Key Provide Multiple Programming Options	Settings Key / Applications Key Provide Multiple Programming Options

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Indicators						
Feature / Line Appearance LEDs	2	12	24	24	48	27 (3 are page # keys)
Message Waiting LED	Orange	Orange	Orange	Orange	Orange	Blue
Hold	Yes (Flashes orange)	Yes (Flashes orange)	Yes (Flashes orange)	Yes (Flashes orange)	Yes (Flashes orange)	Yes (Flashes blue)
Hold Button	Black	Red	Red	Red	Red	Red
Line LED Color	Orange	Orange / Green (SX-200 ICP only)	Orange / Green (SX-200 ICP only)	Orange / Green (SX-200 ICP only)	Orange / Green (SX-200 ICP only)	Blue
Ringer LED	Orange	Orange	Orange	Orange	Orange	Blue
Microphone / Mute LED	No	Yes (Orange)	Yes (Orange)	Orange	Orange	Yes (Blue)

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

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System / Software Requirements						
SX-200 ICP	Not Available	Rls 3.0 or later	Rls 3.0 or later	Rls 4.0 (UR3) or later	Rls 4.0 or later	Not Available
3300 ICP	Rls 8.0 (UR2) or later	Rls 6.1 or later	Rls 6.1 or later	Rls 8.0 (UR1) or later	Rls 7.0 (UR2) or later	Rls 7.0 (UR2) or later
3600 Hosted Key System	Not Available	Rls 2.1 or later	Rls 2.0 or later	Not Available	Not Available	Not Available
Teleworker Solution Platform	Not Available	Rls 3.2 (UR1) or later	Rls 3.2 (UR1) or later	Rls 4.5 or later	Rls 4.1 or later	Rls 4.1 or later
SIP Software Platform	Not Available	Rls 4.0 or later	Rls 4.0 or later	Rls 7.1 or later	Rls 7.0 or later	Rls 5.0 or later

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