

MITEL

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's IP communications platforms.

Mitel's IP desktop portfolio includes affordable entry-level IP phones, applications-rich IP phones as well as sophisticated desktop devices such as Mitel Gigabit Ethernet Stand and Mitel Wireless LAN Stand.



Mitel 5302 IP Phone

This economical, entry-level, dual-port, two-line IP phone supports compression and is designed for users requiring access to basic telephony and messaging services.



Mitel 5304 IP Phone

This cost-effective entry-level display phone provides access to the features and applications enabled by Mitel's IP-based communications platforms. It is a dual-mode, dual-port, two-line phone with a 40-character backlit display.



Mitel 5312 IP Phone

This dual-mode, dual-port, enterprise-class IP phone has a full-duplex speakerphone, 40-character backlit display and user-programmable access to features and applications. Ideal as a teleworker phone, it provides intuitive access to sophisticated call handling and converged applications.



Mitel 5324 IP Phone

This feature-rich, dual-mode, dual-port, enterprise-class, multi-line IP phone has a 40-character backlit display, full-duplex handsfree operation and context-sensitive softkeys. It also supports peripherals such as audio conferencing unit, programmable key modules and Mitel Line Interface Module for local access. The 5324 IP Phone is ideal for teleworkers and users who must change their feature set to meet changing needs.



Mitel 5330 IP Phone

This full-featured enterprise-class 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. Desktop applications including Mitel Unified Communicator® (UC) Express, Mitel Unified Communicator (UC) Advanced and Mitel 5300 Intelligent Directory increase worker productivity by providing tighter integration between desktop devices and tools used by enterprise and small business knowledge workers.



Mitel 5340 IP Phone

This full-featured enterprise-class 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. Desktop applications including UC Express, UC Advanced and 5300 Intelligent Directory increase worker productivity by providing tighter integration between desktop devices and tools used by enterprise and small business knowledge workers.



Mitel Navigator

This breakthrough communications device radically enhances the meaning of voice, video and data convergence on the desktop. With an entirely new form factor, Mitel 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, Mitel Gigabit Ethernet Stand delivers the latest technology and advancements in Gigabit Ethernet connectivity for 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 5312, 5324, 5330 and 5340 IP Phones.



Mitel Wireless LAN Stand

The innovative design of Mitel Wireless LAN Stand allows your wired 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 5312, 5324, 5330 and 5340 IP Phones.



Mitel IP Programmable Key Modules

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 the 5324 IP Phone. By connecting two PKM 48s to the 5324 IP Phone, an additional 96 keys become available.



Mitel 5310 IP Conference Unit

This full-duplex IP conference unit 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 the 5324, 5330 and 5340 IP Phones.



Mitel Line Interface Module

Mitel Line Interface Module allows the connection of an analog line to the 5324, 5330 and 5340 IP Phones to enable local line selectability, emergency call diversion for remote workers or failover capability for IP phones. It is ideal for teleworkers or users requiring phone access in the event of LAN failures.



Mitel Cordless Accessories

Mitel Cordless Handset and Mitel Cordless Headset are unique accessories that offer unprecedented convenience and corridor mobility for the 5330 and 5340 IP Phone users. They allow the user to have personal area mobility with a range of up to 90 meters (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 as well as 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 does not want to be disturbed. IM support allows operators to quickly send users messages to let them know they have a call or to ask them a quick question.

5300 Series IP Desktop Phones Feature Matrix

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

	5302 IP Phone	5304 IP Phone	5312 IP Phone	5324 IP Phone	5330 IP Phone	5340 IP Phone	Mitel Navigator
Physical							
Desk / Wall-Mountable	Yes	Yes	Yes	Yes	Yes	Yes	Desk Only
Desk / Wall-Mount Stand	Not Included (Ordered Separately)	Not Included (Ordered Separately)	Included	Included	Included	Included	Included (Desk Only)
5300 Series Handset (Version 4)	Yes	Yes	Yes	Yes	Yes (Wideband)	Yes (Wideband)	No (v2 Handset)
Length of Handset Cord	3 m/10'	3 m/10'	3 m/10'	3 m/10'	3 m/10'	3 m/10'	3 m/10'
LAN Ports	2	2	2	2	2	2	2
Ethernet Cable (3 m/10')	Included	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	G.711, G.729a
Voice QoS (802.1p/q)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Encryption	SIP Authentication	128 bit AES ¹	128 bit AES	128 bit AES	128 bit AES	128 bit AES	128 bit AES
802.1x Support	No	Yes	Yes	Yes	Yes	Yes	Yes
CLASS B Support	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Headset Jack	No	No	Yes	Yes	Yes	Yes	Yes
Peripherals (Modules) Support	No	No	No	Yes (Does not include Cordless support)	Yes (Does not include PKM support)	Yes (Does not include PKM support)	No
WLAN Stand / GigE Stand Support	No	No	Yes	Yes	Yes	Yes	No

¹Advanced Encryption Standard

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Powering Options

Ethernet / AC Power Adaptor Support (48 V DC LAN Power)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
AC Power Adapter (24 V DC)	No	No	No	No	No	No	Yes
802.3af Power-over-Ethernet Compliant	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Power Consumption							
Idle	Not applicable	2.03W	2.43W	2.43W	3.20W	3.20W	Not applicable
Typical	3.84W	2.88W	3.23W	3.23W	4.8W	4.8W	8.0W
Maximum	4.7W	3.45W	3.87W	3.87W	5.8W	5.8W	9.7W

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Display

Color	Not Applicable	White	White	White	White LED Backlight	White LED Backlight	White
Illumination	Not Applicable	Reflective Backlit	Reflective Backlit	Reflective Backlit	Transmissive FSTN with White LED Backlight	Transmissive FSTN with White LED Backlight	Reflective Backlit
Size	Not Applicable	2 Lines x 20 Characters	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 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	.43 x 0.43 mm	.43 x .43 mm	.43 x .43 mm	.37 x .40 mm	.37 x .40 mm	.43 x .43 mm
Contrast Adjust	Not Applicable	Yes	Yes	Yes	Yes	Yes	Yes
Display (soft) Keys	Not Applicable	No	No	Yes	Yes	Yes	Yes
Auto Dimming	Not Applicable	Yes	Yes	Yes	Yes (Programmable)	Yes (Programmable)	Yes
Backlight Off Capability	Not Applicable	No	No	No	Yes	Yes	No

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Function Keys							
Number of Programmable Feature Keys	4	8	12	24	24 (Self-labeling)	48 (Self-labeling)	24 (Self-labeling) (Navigator task bar)
Fixed Feature Keys	5	2	10	10	10	10	10
Softkeys	0	0	0	3	3	6	3
Multiline	Yes (Lines have to be configured as multi-call line appearances)	Yes	Yes	Yes	Yes	Yes	Yes
Hold	Yes	No (Definable)	Yes	Yes	Yes	Yes	Yes
Redial	Yes	No (Definable)	Yes	Yes	Yes	Yes	Yes
Cancel	No	No (Definable)	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	No (Definable)	No (Definable)	Yes	Yes	Yes	Yes	Yes
Transfer / Conference Key	Yes	No (Definable)	Yes	Yes	Yes	Yes	Yes
Call Forward (On / Off) Key	No	No (Definable)	Yes (Definable)	Yes (Definable)	Yes (Softkey)	Yes (Softkey)	Yes (Softkey)
Call Me Back Key	No	No (Definable)	Yes (Definable)	Yes (Definable)	Yes (Softkey)	Yes (Softkey)	Yes (Softkey)
Phonebook / Directory Key	No	No (Definable)	Yes (Definable)	Yes (Definable)	Yes (Via Applications Key)	Yes (Via Applications Key)	Yes (Via Settings Key)
Mute Key	No	No	Yes	Yes	Yes	Yes	Yes
Speakerphone	No	No	Yes	Yes	Yes	Yes	Yes
Program / Superkey	No	No (Definable)	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	2	12	24	24	48	27 (3 are page # keys)
Message Waiting LED	Orange	Orange	Orange	Orange	Orange	Orange	Blue
Hold	Yes (Flashes orange)	No	Yes (Flashes orange)	Yes (Flashes orange)	Yes (Flashes orange)	Yes (Flashes orange)	Yes (Flashes blue)
Hold Button	Black	No (Definable)	Red	Red	Red	Red	Red
Line LED Color	Orange	Orange	Orange / Green	Orange / Green	Orange / Green	Orange / Green	Blue
Ringer LED	Orange	Orange	Orange	Orange	Orange	Orange	Blue
Microphone / Mute LED	No	No	Orange	Orange	Orange	Orange	Blue

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

