

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

| | 5302 IP Phone | 5212 IP Phone | 5224 IP Phone | 5330 IP Phone | 5340 IP Phone | Navigator |
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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 |

| | 5302 IP Phone | 5212 IP Phone | 5224 IP Phone | 5330 IP Phone | 5340 IP Phone | Navigator |
|-------------------------------------|--|------------------|------------------|--|--|--|
| 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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