Mitel MiVoice 5312 IP Phone

Full-featured, dual-mode, dualport, multi-line IP phone

Key Features

- Two-line by 20-character white, backlit, graphics display with contrast control and auto-dimming
- Twelve programmable multi-function keys with dual-color LED indicators
- Eight function keys
- Browser-based desktop user tool programming for easy access to telephone system features

The dual-mode Mitel® MiVoice 5312 IP Phone is a full duplex hands-free speakerphone with multi-line backlit display and programmable feature keys. It provides intuitive user access to more sophisticated call handling and converged applications supported by the Mitel's IP communications platforms. It is easily personalized with programmable keys or with a browser-based desktop configuration tool.

Simple Access to Sophisticated Applications

The MiVoice 5312 IP Phone provides IP functionality with the ease and familiarity of a traditional business phone. Being user-friendly, it features easy-to-use programming tools for feature set customization and a 40-character white, backlit graphics display. It is an ideal choice for users – such as teleworkers, ACD agents, technical support staff, office workers, sales and customer service departments – who need access to sophisticated features.

When used with Mitel Unified Communicator® Express or Mitel MiCollab Client (formerly Mitel Unified Communicator Advanced), the MiVoice 5312 IP Phone becomes a powerful communications tool that helps customers streamline communications between people and organizations. This leads to improved productivity, enhanced customer service, reduced costs and ultimately improved business process integration.

FEATURES[1]

- *Two-line by 20-character white, backlit, graphics display with contrast control and auto-dimming*
- *Twelve programmable multi-function keys with dual-color LED indicators (for speed dialing, line appearances, feature access)*
- *Eight function keys: hold, menu, message, speaker, mute, transfer / conference, redial, cancel*
- *Browser-based desktop user tool programming for easy access to telephone system features*
- *Hands-free speakerphone operation (full duplex)*
- *Speed calling*
- *Call forward*
- *Call hold (place / retrieve)*
- *Call transfer*
- *Last number redial*
- *Do not disturb*
- *On-hook dial*

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- *Off-hook voice announce and hands-free answerback*
- *Page send / receive*
- *Voicemail access – large message waiting lamp*
- *Conference call setup*
- *Hearing aid-compatible handset*
- *Dedicated headset jack*
- *Customizable center panel*
- *Automatic call distribution (ACD) agent support*
- *Chinese characters support*
- *Dual mode: MiNet and SIP support*
- *Phonebook support on Mitel MiVoice Business (formerly Mitel Communications Director)*
- *Mitel Teleworker Solution support*
- *Mitel Wireless LAN Stand and Gigabit Ethernet Stand support*
- *Unified Communicator Express and MiCollab Client support*
- *Two-position, 35-degree tilting stand for better viewing angle*
- *Wall-mountable*
- *Multiple powering options (802.3af-compliant)*
- *Backwards compatible with previous system platform releases*
- *Designed for power conservation: reduces power consumption for overall energy savings*

1 Not all features are supported across all platforms. Refer to the MiVoice Business, SX-200 ICP, MiVoice Office, and Mitel Telework Solution collateral for more detailed information.

Protocol Support

The MiVoice 5312 IP Phone supports SIP and Mitel IP (MiNet) protocols.

Dual Port

Two 10/100 MB switched Ethernet ports – one connects the MiVoice 5312 IP Phone with an Ethernet wall jack, the other with the user's PC.

Accepts standards-based (IEEE 802.3af) power over the LAN via spare pair or signal pair and supports 48 V DC Ethernet / AC power wall adapters. The MiVoice 5312 IP Phone can be powered via a powered switch, a midspan power hub or by local 48 V Ethernet power.

Power Adapter (Optional)

INPUT: 110 V 50 – 60 Hz or 220V 50 Hz
OUTPUT: 48 V DC 250mA LAN Power over Ethernet (PoE) IEEE 802.3af, Class-2 (PoE)

Technical Specifications

POWER CONSUMPTION

Specification	WATTAGE
Idle	2.40 W
Typical	3.23 W
Max	3.87 W

ENVIRONMENTAL CONDITIONS

Specification	TEMPERATURE	HUMIDITY
Operational	+4°C to +49°C	34% at +49°C 95% at +29°C
Storage	-40°C to +66°C	15% at +66°C 95% at +29°C

REGULATORY STANDARDS

EMC	Safety	Telecom
» Canada: ICES-003 (Class B) » USA: CFR Title 47, Part 15 (Class B) » EU: EN55024 (EU), EN55022 (Class B) » Australia / New Zealand: AS / NZS CISPR 22 » Brazil: Resolution No. 442 / 2006 (Brazil) » China: GB9254	» Canada: CSA C22.2 No. 60950-1 » USA: UL 60950 » EU: EN 60950, EN 60950-1 » Australia / New Zealand: AS / NZS 60950-1 » Brazil: Resolution 238 / 2000 (Brazil) » China: GB4943	» Canada: CS03 Part V (hearing aid compatible) » USA: FCC part 68 (CFR 47) (hearing aid compatible) » Australia / New Zealand: PTC220, AS / ACIS, S004

5312 IP PHONE SPECIFICATIONS

Voice Traffic	Signaling	Voice QoS	MTBF Rate	Size (L x W x H)	Weight	Compression Support
» RTP over UDP	» MiNet over TCP SIP	» Supports IEEE 802.1p/q for Quality of Service	» 46 Years	» Phone only: 9,1" x 7.5" x 3.5" (23 cm x 19 cm x 8.9 cm) » Packaged: 9.8" x 8.3" x 3.9" (25 cm x 21 cm x 10 cm)	» Phone only: 1.65 lbs or 0.75 kg » Packaged: 2.49 lbs or 1.13 kg	» G.711, G.729a

System Software Requirements

- *MiVoice Business (formerly Mitel Communications Director) – Release 4.0) or later*
- *MiVoice Office (formerly Mitel 5000 Communications Platform) – Release 3.0 or later*
- *SX-200 ICP - Release 4.0 (UR5) or later*
- *Mitel Border Gateway - Release 5.0 (SP1) or later*
- *Mitel SIP Software- Release 7.2 or later*

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Powering connections

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