MITEL

5312 IP Phone

Full-featured, Dual-mode, Dual-port, Multi-line IP Phone

The dual-mode Mitel® 5312 IP Phone is a full duplex handsfree 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 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® (UC) Express or Mitel Unified Communicator (UC) Advanced, the 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.

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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
- Handsfree speakerphone operation (full duplex)
- Speed calling
- Call forward
- Call hold (place / retrieve)
- Call transfer
- Last number redial
- Do not disturb
- On-hook dial

- Off-hook voice announce and handsfree 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 3300 IP Communications Platform (ICP)
- Mitel Teleworker Solution support
- Mitel Wireless LAN Stand and Gigabit Ethernet Stand support
- UC Express and UC Advanced 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. Please refer to 3300 ICP, Mitel SX-200 IP Communications Platform (ICP), Mitel 5000 Communications Platform (CP) and Teleworker Solution collateral for more detailed information.

Dual Mode

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

Dual Port

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

Compression Support

G.711, G.729a

Voice QoS

Supports IEEE 802.1p/q for Quality of Service

Powering Options

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 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 220 V 50 Hz
Output: 48 V DC 250mA LAN Power over Ethernet (PoE)
IEEE 802.3af, Class-2 (PoE)

Power Consumption

Idle: 2.40 W
Typical: 3.23 W
Max: 3.87 W

Environmental Conditions

	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	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
	CHINA: GB9254
Safety	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
	CHINA: GB4943
Telecom	CANADA: CS03 Part V (hearing aid compatible)
	USA: FCC part 68 (CFR 47) (hearing aid compatible)
	AUSTRALIA / NEW ZEALAND: PTC220 AS / ACIS, S004

MTBF Rate

46 Years

System Requirements:

- 3300 ICP release 9.0 (UR1) or later
- SX-200 ICP release 4.0 (UR5) or later
- 5000 CP release 3.0 or later
- Teleworker Solution release 5.0 (Mitel Applications Suite (MAS) release 1.2; Mitel Multi-Protocol Border Gateway release 5.0)
- SIP release 7.2 or later

Physical Dimensions

	Size (L x W x H)	Weight
Phone only	9.1 in x 7.5 in x 3.5 in (23 cm x 19 cm x 9 cm)	1.65 lbs or 0.75 kg
Packaged	9.8 in x 8.3 in x 3.9 in (25 cm x 21 cm x 10 cm)	2.49 lbs or 1.13 kg

Specifications

Processor Type	Speed	DSPs No.	Speed	Silicon	RAM	ROM	Voice Traffic	Signaling
TNETV1055 (MIPS)	125 MHz	1	165 MHz	130µ CMOS	16 MB	8 MB	RTP over UDP	MiNet over TCP SIP

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