



MITEL

## 5224 IP Phone

### Enterprise-class IP Phone

The dual mode Mitel® 5224 IP Phone is a feature-rich, multi-line IP speakerphone with full duplex handsfree operation. It is geared toward users who must change their telephone feature set to match their changing needs. This includes managers, professionals and teleworkers as well as contact center / help-desk agents. With it, users get superb call handling as well as user-programmable access to advanced voice communications, IP-based applications and services. The 5224 IP Phone supports a full lineup of IP peripherals such as Programmable Key Modules (PKMs), Conference Units and Line Interface Modules, for even greater access to IP applications right at the user's desktop.

#### The Ideal Choice for Communications-intensive Companies

The 5224 IP Phone is specifically designed for communications-intensive companies that require a converged IP infrastructure to deliver productivity and customer-enhancing applications and services to the user desktop. This includes unified communications, speech recognition, PC integration, contact center, and remote voice and data applications.

An enterprise-class phone, the 5224 IP Phone has a white, backlit, graphics display, 24 programmable keys, eight telephony function keys, and three context-sensitive softkeys for feature customization.



### Peripheral Support

The functionality of the 5224 IP Phone can be readily expanded with Mitel IP Programmable Key Modules (for up to 96 additional keys), Conference Units and Line Interface Modules.

- Mitel 5310 IP Conference Units plug directly into the headset jack for instant superior quality voice conferencing in offices and meeting rooms
- Integrates with 12 and 48 button IP Programmable Key Modules, for easy addition of quick access feature keys
- Mitel Line Interface Module plugs into the back of the 5224 IP Phone to allow analog line connectivity in order to make and receive calls, failover support and emergency dialing

### Business Telephones that Maximize your Productivity

The 5224 IP Phone is one in a series of IP phones designed to meet the diverse communication needs of users across the enterprise – from affordable entry-level IP phones to sophisticated network devices. All are designed with ergonomics and modern office aesthetics in mind.

### Features\*

- Support for SIP and MiNET Protocols
- Handsfree operation (full duplex)
- 24 programmable multi-function keys with dual-color LED indicators\* (for speed dialing, line appearances, feature access)
- Eight function keys: Hold, Superkey, Message, Speaker, Mute, Transfer / Conference, Redial, Cancel
- Three context-sensitive softkeys for intuitive feature access
- Two-line, 20-character white, backlit, graphics display, with auto-dimming

- Superkey programming for easy access to telephone system features
- Peripherals and modules support
- Off hook voice announce
- On hook dial
- Dedicated headset jack
- Speed calling
- Call hold (Place / Retrieve)
- Call transfer
- Do Not Disturb
- Call Forward
- Conference call setup
- Voice mail access – large message waiting lamp
- Browser-based desktop configuration tool
- Direct page / Group page
- Last number redial
- Automatic Call Distribution (ACD) agent and supervisor support
- Customizable center panel
- Hearing Aid Compatible handset
- Wall mountable
- Two-position, 35 degree tilting stand for better viewing angle
- Multiple powering options (802.3 af compliant)
- Power over Ethernet support for IP Programmable Key Modules (PKMs) and the Line Interface Modules
- XML support for applications development

\*Not all features are supported across all IP Platforms. Refer to Mitel 3300 ICP, SX-200 ICP and Teleworker Solution collateral for more detailed information.

### Dual Mode

The new Mitel 5224 IP Phone supports both SIP and Mitel IP (MiNET) protocols on a single hardware platform

### Dual-port

Two 10/100 Mb switched Ethernet ports – one connects the 5224 IP Phone with an Ethernet wall jack, the other with the user's PC

### Compression Support

G.711, G.729

### Voice QoS

Supports IEEE 802.1p/q for Quality of Service

### Powering Options

Accepts standards-based (IEEE 802.3 af) power over the LAN via spare pair or signal pair, or supports 24VDC IP Power Adapter or 48 VDC Ethernet / AC Power wall adapter

### Environmental Conditions

	Temperature	Humidity
Operational	+4°C – +40°C	34%
Storage	-25°C – +66°C	15%

### Regulatory Standards

#### EMC:

CANADA:  
ICES-003 Issue 3

USA:  
CFR Title 47, Part 15 (CLASS B)

EU:  
R&TTE directive (1999/5/EC)  
EN55024:1998  
EN55022:1998

#### Safety:

CANADA:  
CAN/CSA-C22.2 No. 60950-00

USA:  
UL60950  
ANSI/NFPA 70

EU:  
R&TTE directive (1999/5/EC)  
EN60950: 2000

### System Requirements

- Mitel 3300 Integrated Communications Platform (ICP), Release 6.1
- Mitel SX-200 Integrated Communications Platform (ICP), Release 3.0
- Mitel Teleworker Solution, Release 3.2 (URI)

### 5224 IP Phone Specifications

Ports	AC Adapter	Consumption	Processor Type	Speed	DSPs No.	Speed	Silicon	Package
2	Output: 24 VDC 1.7A Input: 110V 50-60Hz 220V 50Hz	3.9 W	ARM946E-S	140 MHz	1	74 MHz	0.18µ CMOS	QFP
RAM	ROM	Voice Traffic	Signaling	Ethernet	Size (LxWxH)	Weight	MTBF Rate	Compression
8 MB	2 MB	RTP over UDP	Minet over TCP or Session Initiation Protocol (SIP)	IEEE 802.1p/q	9.5" x 8" x 4.5" 24cm x 20.5cm x 12cm	2.8 lbs 1.3 kg	10 Years	G.711, G.729

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