MITEL

5310 IP Conference Unit

Full-duplex Conferencing Unit

Mitel® 5310 IP Conference Unit is a full-duplex IP conferencing unit that supports natural conversation while eliminating background noise – even in large meeting rooms – for exceptional voice quality and clarity. Highly intuitive to use, the 5310 IP Conference Unit connects to a range of Mitel IP phones, giving users access to familiar telephony controls.

Voice Quality Conferencing

The 5310 IP Conference Unit uses beam-forming array technology to focus a microphone beam on the individual speaking, virtually eliminating all ambient room noise and side conversations. It can also be set to presentation mode, which focuses the microphone beam exclusively on one key speaker, allowing parties on the receiving end of a presentation to follow without distractions. Full-duplex operation supports natural conversation in either mode, allowing a conference user to enter a conversation without cutting off another speaker. Built-in noise reduction and automatic gain control further support quality voice conferencing. The 5310 IP Conference Unit is designed for meeting rooms up to 20' x 30' (6.1 m x 9.1 m) in size.

Full Functionality, Single Connection

The 5310 IP Conference Unit saucer installs in seconds, plugging into the adapted headset port and power port of the Mitel 5224 IP Phone or the Conference Module on the Mitel 5235, 5324, 5330, 5340, and 5360 IP Phones for full conferencing and telephony functionality while eliminating the need for an additional LAN port. It is compatible with Mitel Communications Director (HCD), Mitel SX-200 IP Communications Platform (ICP), and the Mitel 5000 Communications Platform (CP).

Multimedia Capabilities

The 5310 IP Conference Unit supports multimedia capabilities through Mitel Audio and Web Conferencing (AWC). With AWC, users can initiate instant collaboration sessions in an audio-, video- or web-based format, freely switching between multiple media.

MITEL®
Simply Communicating®

5360 IP Phone with
5310 IP Conference Unit

Features

- Full-duplex handsfree operation
- Acoustic beam-forming technology to focus on lead speaker and eliminate background noise, side conversations etc.
- Noise reduction
- Automatic gain technology eliminates disturbing background noises when participants are moving around the room
- Integrated LED direction indicators that provide conference participants visual confirmation that the unit is receiving their voice
- Dual-colored LEDs (orange / green) indicate status: mute, presentation mode and directionality of microphone
- Full telephony functionality through Mitel IP phones
- Presentation mode allows the user to focus / freeze the beam in a particular direction
- 5220 and 5224 IP Phones interface: side control unit features conference unit on / off, volume controls, presentation mode and mute
- 5235, 5324, 5330, 5340, and 5360 IP Phones: conference controller application on the phones features softkey functionality for conference unit on / off, volume controls, presentation mode and mute
- Optional remote control mouse performs the functions of on, off, mute, volume up / down and presentation mode

Recommended Conference Area

Designed for optimal use in offices or meeting rooms up to 20' x 30' or 600 sq ft (6.1 m x 9.1 m or 55.5 m²)

Audio Specifications

Frequency Range:	300 Hz to 3500 Hz
Volume:	Peak sound pressure: 89 dB (at 1.6' or 0.5 meters)
Microphone:	6 Microphones at 60° beams = 360° microphone coverage

Compression Support

G.711, G.729

Voice QoS

Supports IEEE 802.1p/q for quality of service

Powering Options

IEEE 802.3af Power over Ethernet (PoE) for 5235, 5324, 5330, 5340 and 5360 IP Phones

Optional external universal AC power supply: 110 V 60 Hz AC / 220 V 50 Hz AC

- 5220 and 5224 IP Phones:
  – Powered via the AC adapter power port on the 5220 and 5224 IP Phones
  – Requires 24 V DC power adapter (purchased separately)

- 5235, 5324, 5330, 5340 and 5360 IP Phones:
  – Powered over Ethernet with a power source compliant to IEEE 802.3af
  – 48 V DC Ethernet power adapter available, purchased separately (if required)

Power Consumption

5 W (in addition to the power consumed by the phone that the 5310 Conference Unit is attached to)

Environmental Conditions

	Temperature	Humidity
Operational	+4°C – +49°C	34% at 49°C 95% at 29°C
Storage	-40°C – +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

System Requirements

- Mitel Communications Director (MCD) Release 4.0 or later
- Mitel 5000 Communications Platform (CP) Release 4.0 or later
- Mitel SX-200 ICP Release 4.0 (UR1) or later
- Mitel SIP phones Release 8.0

Physical Dimensions

	Size (L x W x H)	Weight
Phone only	10.5" x 4" x 3.5" (26.7 cm x 10.2 cm x 8.9 cm)	1.35 lbs or 0.61 kg
Packaged	11.7" x 6.4" x 3.2" (29.6 cm x 16.2 cm x 8.1 cm)	2.24 lbs or 1.02 kg

Supported IP Phones

- 5224 IP Phone
- 5235 IP Phone
- 5324 IP Phone
- 5330 IP Phone
- 5340 IP Phone
- 5360 IP Phone

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