

Mitel MiVoice 5505 Guest IP Phone

Key Features

- Single-line phone that supports SIP VoIP protocol features
- Dual Ethernet (10/100 Mb) ports
- Full-duplex speakerphone with on-hook dialing support
- Five programmable speed dial keys
- Context-sensitive menu-driven display



The Mitel® MiVoice 5505 Guest IP Phone provides a unique hospitality feature set aimed at meeting the needs of hospitality customers who are looking to deploy IP to the Guest Room. The MiVoice 5505 Guest IP Phone provides a DECT-based cordless handset plus support for up to three additional DECT cordless extension handsets.

Hotel guests will appreciate the convenience of additional cordless phone extensions in their rooms, while IT staff will appreciate the cost savings of servicing an entire room or suite of rooms with a single LAN drop.

Enhancing the Guest Experience

The MiVoice 5505 Guest IP Phone provides the features hotel guests have come to expect, such as high-quality full-duplex speakerphone, multiple cordless handsets, programmable one-touch access to hotel amenities, large area dialing instructions, call history lists, and the cordless handset locator.

Mivoice 5505 Guest IP Phone Features

MIVOICE 5505 GUEST IP PHONE BASE

The MiVoice 5505 Guest IP Phone base provides basic phone features plus a DECT to SIP gateway functionality with the following features:

- *Single Line phone that supports SIP VoIP protocol features*

- *Dual Ethernet (10/100 Mb) ports; provides a high-speed Internet / PC port side mounted for easy guest access*
- *Full-duplex speakerphone with on-hook dialing support*
- *Built-in DECT / DECT 6.0 interface with support for one base cordless handset plus up to three extension handsets (appears as one extension to the PBX)*
- *Supports full DECT handset range (up to 100 meters or 300 feet from base)*
- *12-button dial pad*
- *Six fixed feature keys: Volume up / down rocker, Speakerphone, Mic Mute, Messages (illuminated green for message waiting indication), End Call, and Handset Locator*
- *Line-in-use indicator*
- *Five programmable speed dial keys (for access to hotel amenities, etc.)*

- Designation card with area for property branding and dialing instructions
- Support for property brand personalization via optional color faceplates
- Support for joining of a handset call with a base unit speakerphone call
- Supports MiVoice Business (formerly Mitel Communications Director (MCD)) SIP resiliency
- CESID support for E911 calls
- Supports powering via Power over Ethernet (802.3af) – base unit with handset

MiVoice 5505 Guest Cordless Handset (DECT)

The DECT-based MiVoice 5505 Guest Cordless Handset provided with the MiVoice 5505 Guest IP Phone base provides the following features:

- Touch-screen access to features and applications
- 2 line x 14 character illuminated monochrome display
- Display backlight automatically dims to off while the handset is idle
- 12-button dial pad
- 10 fixed keys: Talk, Hang-up / Power, Messages, Volume up / down, Speakerphone, Phonebook, Soft Key 1 and 2, Mute, Flash
- Built-in full duplex speakerphone
- Context-sensitive menu-driven display (for redial, incoming call options)
- Handset Menu options: Alarm Clock, Audio settings, Language settings
- Message waiting indication
- Incoming caller name display
- Call history, redial, phonebook, key pad lock, language selection (all cleared at guest check-out)
- Displays battery charge status
- Out of range audio indication
- Hearing Aid Compatibility (HAC) compliance
- Handset displays room number and time of day while idle
- Battery powered via 2 AAA NiMH rechargeable batteries

Hospitality Supported Features on MiVoice Business

- Do not disturb – set / cancel
- Feature keys (programmable)
- Hands-free operation
- Hotel / motel room personal wakeup call – set / cancel
- Hotel / motel room status
- Hotel / motel room wakeup call from guest extension – set / cancel
- Hotel / motel room remote wakeup call – set / cancel
- Language change
- Phonebook
- Redial – last number / saved number
- Resiliency support (sip resiliency)
- Ringer control
- Speaker volume control
- Station-to-station dialing
- Voicemail

System Requirements

- MiVoice Business (formerly Mitel Communications Director (MCD)) – Release 5.0

Powering Options

MIVOICE 5505 GUEST CORDLESS HANDSET

The 5505 Guest Cordless Handset comes with a charging cradle. The charging cradle is powered by a country-specific power adapter, which is sold separately.

MIVOICE 5505 GUEST IP PHONE BASE

The 5505 Guest IP Phone Base accepts standards-based (IEEE 802.3af) Power over Ethernet, and can be powered via a powered switch, a midspan power hub, or by local 48 VDC Ethernet Power Adapter.

POWER CONSUMPTION

Specification	WATTAGE
Idle	2.22 W
Typical	2.31 W
Typical	3.86 W

Mivoice 5505 Guest IP Phone Specifications

MIVOICE 5505 GUEST IP PHONE BASE UNIT SPECIFICATIONS

INTERFACES / POWER

- LAN Port: Yes – 10/100 Ethernet Jack
- PC Port: Yes – located on side of unit for convenient access
- Power over Ethernet (PoE): IEEE 802.3af class 2
- Power Consumption: Idle: 2.22 W Typical: 2.31 W
- Maximum: 3.86 W

KEYS

- Keypad: 0 ... 9, * and #
- Speakerphone on / off Key: Yes
- End Call Key: Yes
- Redial Key: No, (menu only)
- Message Key: Yes, illuminated to indicate message waiting
- Mute: Yes, illuminated to indicate microphone muted
- Recall / Hold: No
- Handset Locator Key: Yes, located in charging cradle pocket
- Volume Up and Down: Yes

INDICATORS

- Microphone Mute: Yes, via illuminated Mute Key
- Speakerphone Active: Yes, via illuminated Speakerphone on / off Key
- Message Waiting: Yes, via illuminated Message Key
- Line in use: Yes

OTHER

- Ringer on / off: No
- Ringer Volume Control: Yes, via 3 position (low, medium, high) – volume switch located on side of unit for convenient access
- CODECs: G.711a, G.729
- MTBF Rate: 67.1 Years

SOFTWARE

- Downloadable: Yes, base unit only

TECHNICAL SERVICE FEATURES

- Service Mode: Ability to place base phone into service mode, which turns on status LED indications during boot up

PHYSICAL DIMENSIONS (L X W X H)

- Base Phone:
7.5" x 6" x 1.75" (unpackaged)
11" x 6.5" x 2.5" (packaged)
- Cordless Handset:
5.5" x 2" x 1.25" (unpackaged)
9" x 6.5" x 2.25" (packaged)

WEIGHT

- Base Phone:
1.10 lbs (unpackaged)
1.55 lbs (packaged)
- Cordless Handset:
0.25 lbs (unpackaged)
0.55 lbs (packaged)

ENVIRONMENTAL CONDITIONS

- Temperature
 - Operational
5°C to +45°C 95% at 29°C
 - Storage
-20°C to +65°C 95% at 29°C

MIVOICE 5505 GUEST IP PHONE DECT HANDSET SPECIFICATIONS

HANDSET BATTERY

- Battery type: AAA NiMH, 1.2 V
- Battery lifetime:
Talk time >12 hours, Standby >200 hours

DESKTOP CHARGER

- Power (AC/DC) Input: 100 – 240 VAC 50 – 60 Hz
- Output Nom: 6VDC 350mA
- Charging time: Empty battery recharged in <6 hours

RF

- Frequency Bands: 1880 – 1900 MHz (EMEA), 1920 – 1930 MHz (USA / Canada)
- Output Power: <250 mW (for USA / Canada < 140mW)

DISPLAY

- Type : Monochrome, backlit
- Number of lines: 2 lines
- Number characters per line: 14

KEYS

- Dial pad: 0 ... 9, * and #
- Talk key: Yes, (green)
- Speakerphone on /off Key: Yes
- End Call Key: Yes, (red)
- Power on / off: Yes, combined with End Call (red) key
- Message Key: Yes, illuminated to indicate message waiting
- Phonebook Key: Yes
- Key Lock: On / off (automatically cleared at check out)
- Menu: Yes, by soft key
- Up / Down Navigation: Yes
- Volume Up and Down: Yes, by soft key menu

MENU SETTINGS / INDICATORS

- Adjustable volume earpiece: Yes, 3 levels
- Adjustable volume loudspeaker: Yes, 5 levels
- Adjustable ringer volume: Yes, 5 levels + crescendo
- Alarm clock ringer melody: Yes, 10 melody selections
- Alarm clock activation: On / off
- Alarm clock wakeup time mode: 24h / 12 hr

- Automatic Call Accept: On / off
- Automatic encryption (secure calls): Yes, according to DECT standard
- Call duration display: Yes, (note: only during call)
- Battery indication: Yes
- Battery warnings (audio): On / off / during call
- Calling Line Identification (CLID) : Yes, (note: room to room can be disabled via COS option)

DATE AND TIME

- Date Mode: DD.MM.YY / MM.DD.YY
- Time Mode: 24h / 12 hr
- Time Display: Yes
- Illuminated Display: Yes
- Illuminated Dialpad: Yes
- Key click on / off: Yes
- Message Waiting Indicator: Yes
- Microphone Mute: Yes
- Multiple language support: Yes, (English, French CDN, Spanish LA, Spanish Euro, German, Dutch, Italian, Portuguese Euro, Brazilian Portuguese, Swedish, Polish)
- Last number redial list: Yes
- Pre-dial number preparation: Yes, edit before dial
- Post-dial support: Yes
- Phonebook: Yes, automatically preprogrammed with speed dials programmed on base; supports up to 40 entries
- Ring tones: Yes, 10 melody selections (polyphonic)
- Recall / hold: No
- Ringer on / off: Yes, long press on * key
- Silent charging: Yes
- Trembler / Vibrator: No

TECHNICAL SERVICE FEATURES

- Service Menu: By means of a special key sequence a special service menu can be accessed via cordless handset display

NETWORK AND SECURITY FEATURES

- 802.1x Support, Yes
- Secure Signaling (SSL): No
- Secure Signaling (Secure MiNET): No
- Voice Encryption: No
- IEEE 802.1AB LLDP-MED Support: Yes
- VLAN Programming: Yes, LLDP-MED, CDP, DHCP

REGULATORY STANDARDS

EMC	Safety	Telecom
<ul style="list-style-type: none"> » CANADA: ICES-003 (CLASS B), IC RSS-GEN Issue 1: 2005, IC RSS-213 Issue 2:2005 » USA: CFR Title 47, Part 15 (CLASS B), SAR for handset: IEEE C95.1-1991, FCC OET Bulletin 65 (Supplement C) » EU: EN50360: 2001, Radio Test: EN301 406 » AUSTRALIA / NEW ZEALAND: AS/NZS 60950.1 	<ul style="list-style-type: none"> » CANADA: CSA C22.2 No. 60950-1 » USA: UL 60950, First Edition » EU: EN301 489-1/-6, EN 55022, EN 55024 » AUSTRALIA / NEW ZEALAND: AS/NZS CISPR 22 	<ul style="list-style-type: none"> » CANADA: CS-03 Issue 9: 2005 (hearing aid compatible) » USA: FCC part 68 (CFR 47) (hearing aid compatible) U.S. Americans with Disabilities Act (ADA) (HAC and Volume Control) » AUSTRALIA / NEW ZEALAND: PTC220, AS / ACIS, S004