



5505 GUEST IP PHONE

FIRST OF ITS KIND GUEST ROOM IP PHONE FEATURES

The Mitel® 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 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 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. The 5505 Cordless Handset provides industry-leading features by virtue of its backlit display. Hotel guests will love the built-in, easily programmable alarm clock, as well as the ability to set their own language preferences on the phone. Hotel staff can also set language preferences and personalize the guest's phonebook. All these custom features as well as a guest's call history are all cleared upon guest check-out.

5505 GUEST IP PHONE FEATURES

5505 GUEST IP PHONE BASE

The 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, Handset Locator
- Line in Use indicator
- Three-position ringer volume control switch for base unit
- 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 Mitel Communications Director (MCD) SIP resiliency
- CESID support for E911 calls
- Supports powering via Power over Ethernet (802.3af) – base unit with handset

5505 GUEST CORDLESS HANDSET (DECT)

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

- 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 MCD

- Do Not Disturb – Set / Cancel
- Feature Keys (Programmable)
- Handsfree 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
- Voice Mail

5505 GUEST IP PHONE SPECIFICATIONS

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

SOFTWARE

Downloadable	Yes – base unit only
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TECHNICAL SERVICE FEATURES

Service Mode	Ability to place base phone into service mode, which turns on status LED indications during boot up
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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)
CODECs	G.711a, G.729
MTBF Rate	67.1 Years

ENVIRONMENTAL CONDITIONS

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

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	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.
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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

Safety	<p>CANADA: ICES-003 (CLASS B) IC RSS-GEN Issue 1: 2005 and IC RSS-213 Issue 2:2005</p> <p>USA: CFR Title 47, Part 15 (CLASS B) SAR for handset: IEEE C95.1-1991, FCC OET Bulletin 65 (Supplement C) Radio Test: DECT 6.0</p> <p>EU: EN50360: 2001 Radio Test: EN301 406</p> <p>AUSTRALIA / NEW ZEALAND: AS/NZS 60950.1</p>
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EMC	<p>CANADA: CSA C22.2 No. 60950-1</p> <p>USA: UL 60950-1, First Edition</p> <p>EU: EN301 489-1/-6 EN 55022 EN 55024</p> <p>AUSTRALIA / NEW ZEALAND: AS/NZS CISPR 22</p>
Telecom / Network	<p>CANADA: CS-03 Issue 9: 2005 (Hearing Aid Compatible)</p> <p>USA: FCC part 68 (CFR 47) (Hearing Aid Compatible) US Americans with Disabilities Act (ADA) (HAC and Volume Control)</p> <p>AUSTRALIA / NEW ZEALAND: PTC220 AS/ACIS, S004</p>

SYSTEM REQUIREMENTS

- MCD Release 5.0

POWERING OPTIONS

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.

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

Idle:	2.22 W
Typical:	2.31 W
Max:	3.86 W

GLOBAL HEADQUARTERS	U.S.	EMEA	CALA	ASIA PACIFIC
Tel: +1(613) 592-2122 Fax: +1(613) 592-4784	Tel: +1(480) 961-9000 Fax: +1(480) 961-1370	Tel: +44(0)1291-430000 Fax: +44(0)1291-430400	Tel: +1(613) 592-2122 Fax: +1(613) 592-7825	Tel: +61(0) 2 9023 9500 Fax: +61(0) 2 9023 9501

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