



MITEL

5604 Wireless Telephone

Advanced features for a variety of high priority scenarios

For the more sophisticated user and when communication is of highest priority for safety, health or security reasons, the Mitel® 5604 Wireless Phone is a necessity, rather than a luxury. It simplifies complex features through an intuitive user interface and large, color display.

As one of the first of a new generation of handsets, the 5604 Wireless Phone provides flexible and cost efficient abilities. It was designed for users who have advanced communications demands, and who need safety features that can ensure a minor occurrence doesn't become a major event. Along with its messaging, Push-to-Talk abilities and customizable options, the 5604 Wireless Phone is ideal for health care environments where solvent and moisture resistance is a requirement, in addition to light industry environments.

Messaging

In conjunction with the Mitel Wireless Services Messaging gateway, the 5604 Wireless Phone supports bi-directional text messaging.

Push-to-Talk / Group Call

In conjunction with the WSM and your conferencing server, initiate or be drawn into a push-to-talk session with a group of mobile staff.



Personal Alarm (Optional)

Upgrade your 5604 Wireless Phone with the alarm function, and then, no matter where you are, with the push of a key, an alert is instantaneously sent to your colleagues. Furthermore, with the services or location license, the phone emitting the alarm can be located.

Services (Optional)

The optional Services license enables the 5604 Wireless Phone user to interact with applications in a very sophisticated manner. An application can take control of the phone's display, including the softkeys, such that specific options and actions are presented in conjunction with other information, making the user effectively interactive with the application. For example, information from production processes such as the operating temperature of machinery can be sent to the handset; this can be remotely monitored and alarms programmed to notify supervisors, who have the ability to shut the machinery down or reduce its temperature.

This license, in conjunction with a specialized application module, also enables a 'call setup' function, whereby an application can trigger a handset to go off-hook into Push-to-Talk speaker mode, or alternately, present a softkey that has an embedded phone number. This is an important feature for communication escalation scenarios.

Location (Optional)

This license, in conjunction with the deployment of specialized DECT Beacons, enables the more precise location of a user when an alarm is activated. This is critical in high risk environments, such as security institutions.

MCD Management Integration

The 5604 Wireless Phone is configured as a specific device type on the MCD, making adds, moves and changes simple to manage from the Mitel Enterprise® Manager.

Simplified Device Management

The Mitel IP-DECT System (Global) software release 4.0 introduces support for simplified device management, compatible with the 5604 Wireless Phone. Programming can be achieved over-the-air via the WSM gateway, or via a PC in conjunction with either the 5603 / 5604 Wireless Phone Programmer or 5603 / 5604 Wireless Phone Rack Charger. This includes both programming and software upgrading.

Designed for the enhanced office and demanding health care or security environments, the features include:

- Enhanced, customizable Graphical User Interface (GUI)
- High quality voice
- Color display
- 18 Languages and one customizable
- Speakerphone mode
- Solvent and moisture resistance (IP44 classified)
- Programmable soft keys (three)
- Programmable hot keys (nine)
- Programmable multi function button (e.g. Alarm, Push to Talk, etc)
- Push to Talk (Group Call) capable
- Messaging capable (send / receive / acknowledge)
- Local and Central Phonebook
- Manual and automatic keypad lock
- Mute button / sound off key
- Swappable battery pack (for shared use)
- Call list with 25 last calls
- Vibrator
- GAP / CAP compliant DECT handset

Optional Alarm / Services / Location Licenses Features

- Push button alarm, with ability to send different alarm types
- Alarm call after alarm
- Interactive Messaging
- Location Support

Optional Accessories

- 5603 / 5604 Wireless Phone Desktop Charger (charges one handset)
- 5603 / 5604 Wireless Phone Desktop Programmer (charges and programs one handset)
- 5603 / 5604 Wireless Phone Rack Charger (charges up to six handsets)
- 5604 Wireless Phone Battery Pack Rack Charger (charges up to six 5604 Wireless Phone batteries)
- Leather Case
- Clips: Swivel type, Hinge type
- Security Cord
- Headset: with Microphone on Boom

Technical Specifications

Physical

Dimension (l x w x d)	134 x 53 x 26 mm (5.28 x 2.08 x 1.02)
Weight	130 g (battery and clip included)
Material	Case: PC-ABS, Key pad: PC, Clip: PPA
Color	Black
Display (w x h)	28 x 35 mm (1.10 x 1.37), CSTN display
Clip	Hinge type (standard) or swivel type

Battery and charging

Type	Li-polymer
Charge time	< 4 hours
Discharge / charge cycles	>=80% capacity left after 400 full charge / discharge cycles
Battery Life (talk / standby)	20 hrs / 240 hrs; 13 hrs / 120 hrs (location use)

Languages

18 (Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Norwegian, Polish, Portuguese (Brazilian), Russian, Slovakian, Spanish, Swedish, and Turkish), and one downloadable

Central Phonebook

Maximum name and number length	40 characters / name, 20 digits / number
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Local Phonebook

Storage of contacts	<ul style="list-style-type: none"> • 48 character name • 24 digit work number • 24 digit mobile phone number • 24 digit other numbers • Selectable ring tones per contact
Entries	250 editable and 1000 programmed

Telephony

Indication	14 ring signals, flashing LED and vibrator
Answer call options	Button press or auto answer
Call list storage capacity	25 calls (received, dialed and missed) with time stamp

Environmental

Operating temperature	0°C to +40°C (32°F to 104°F)
Storage temperature	-20°C to +60°C (-4°F to 140°F)
Enclosure protection	IP44, IEC EN60529
Immunity to electromagnetic fields	3 V/m EN61000-4-3
Immunity to ESD	4 kV contact discharge and 8 kV air discharge (EN61000-4-2)
Free fall test, standard product	IEC 60068-2-32, procedure 1, dropped 12 times from 1 meter Tested to 12 drops from 1.5 meter.



Audio

Ring signal	Adjustable in 8 steps
Earpiece	Adjustable in 8 steps of 3dB each
Maximum sound pressure level	88 dBA @ 10 cm
Loudspeaker	Duplex loud speaking function

Connectors

Multi-purpose connector	For battery charging, software download, and configuration
Headset connector	Standard 2.5 mm

User interface

Display (w x h)	Multiple colors with high resolution More than 65,000 individual colors, 128 x 160 pixels LCD
Indicator	LED on top / front for visual indication of incoming call, and message
Vibrator	Incoming call / message

Messaging

Maximum message length	160 characters from handset – message length to 5603 Wireless Telephone is system dependent
Storage capacity	30 received / sent messages (> 20,000 characters)

Radio

Compliance to DECT standard

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