MITEL 5607 WIRELESS PHONE

ROBUST WIRELESS PHONE FOR DEMANDING ENVIRONMENTS

This extremely robust wireless phone is designed specifically for demanding manufacturing, industrial, and security environments and where safety and security are of concern. The Mitel® 5607 Wireless Phone offers protection from dust, moisture, solvents, and shock.

Extending the range of the new generation of handsets, the 5607 Wireless Phone is designed for users that have advanced communication needs and who are exposed to harsh environments or personal safety risks. The 5607 Wireless Handset can be used in more extreme temperature conditions, and offers a higher level of shock resistance along with protection from dust, moisture, and solvents, making it ideal for Manufacturing and Industrial applications. It also has man-down and no-movement sensing capabilities to address personal safety concerns in higher risk scenarios.

MESSAGING

In conjunction with the Mitel Wireless Services Messaging (WSM) Gateway, the 5607 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.

ALARM (OPTIONAL)

Upgrade your 5607 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. In addition, the 5607 Wireless Phone can send an alarm due to the user becoming immobile, incapacitated, or having the 5607 Wireless Phone forcibly removed from the user. Furthermore, with the services or location license, the phone emitting the alarm can be located.

SERVICES (OPTIONAL)

The optional Services license enables the 5607 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 an OAP-based application, 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 5607 Wireless Phone is configured as a specific device type on the Mitel Communications Director (MCD), making adds, moves, and changes simple to manage from the Mitel Enterprise® Manager.

SIMPLIFIED DEVICE MANAGEMENT

The 5607 Wireless Phone is compatible with the simplified device management capability. Programming can be achieved over-the-air via the WSM Gateway, or via a PC in conjunction with the Mitel 5603 / 5604 / 5607 Wireless Phone Programmer. This includes both programming and software upgrading.

Designed for the demanding manufacturing, industrial, and security environments, the features include:
· Enhanced, customizable Graphical User Interface (GUI)
· High quality voice
· Color display
· 18 languages and one customizable
· Speakerphone mode
· Solvent, dust, moisture, and shock resistance (IP65 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
· Wide operating temperature range, -10 °C to +55 °C
· Loud volume
· Bluetooth® Headset support

OPTIONAL ALARM / SERVICES / LOCATION LICENSES FEATURES ALARM
· Push button alarm, with ability to send different alarm types
· Man-down / No-movement / Pull-cord alarm
· Interactive, Broadcast / Multicast Messaging
· Location Support: Location based Alarm and Polling of Location

OPTIONAL ACCESSORIES
· 5607 Wireless Phone Desktop Charger (charges one handset)
· 5603 / 5604 / 5607 Wireless Phone Desktop Programmer (charges and programs one handset)
· 5603 / 5604 / 5607 Wireless Phone Rack Charger (charges up to six handsets)
· 5607 Wireless Phone Battery Pack Rack Charger (charges up to six 5607 Wireless Phone batteries)
· Leather Case
· Clips: Swivel type, Hinge type
· 5607 Alarm Pull Cord
· 5607 Headset Adapter (QD compatible headsets)
· Verified Bluetooth Headsets

MITEL | SIMPLY COMMUNICATING®

TECHNICAL SPECIFICATIONS

PHYSICAL

Dimensions (l × w × d)	142 × 56 × 25 mm (5.59 x 2.2 x 0.98 in)
Weight	170 g (battery and clip included)
Material	Case: PC/ABS, Key pad: PC, Clip: PA
Color	Black / Dark Grey
Display (w × h)	8 x 35 mm (1.1 x 1.37 in), CSTN display
Clip	Hinge type (standard) or swivel type

BATTERY

Type	Li-Ion
Charge time	2 hours – 90% charged; 3 hours – fully charged.
Discharge / charge cycles	>=80% capacity left after 400 full charge / discharge cycles.
Battery Life (talk / standby)	18 hrs / 120 hrs; 12 hrs / 120 hrs (Bluetooth headset in use); 16 hrs / 60 hrs (DECT Location enabled)

LANGUAGES

18 (Czech, Danish, German, Greek, English, Spanish, French, Italian, Magyar, Dutch, Norwegian, Polish, Portuguese (Brazilian), Russian, Slovakian, Finnish, Swedish, Turkish) + 1 customizable

CENTRAL PHONEBOOK

Maximum name and number length	40 characters in a name and 20 digits in a number

COMPANY PHONEBOOK

Maximum name and number length	40 characters in a name and 20 digits in a number
Entries	1000

LOCAL PHONEBOOK

Contacts	48 character name, 24 digit work number, 24 digit mobile phone number, 24 digit other number, Selectable ring tones per contact
Entries	250 editable

TELEPHONY

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

ENVIRONMENTAL

Operating temperature	-10 °C to +55 °C (14 °F to 131 °F)
Storage temperature	-20 °C to +60 °C (-4 °F to 140 °F)
Enclosure protection	IP65, IEC EN60529
Immunity to electromagnetic fields	10 V/m EN61000-4-3
Immunity to ESD	8 kV contact discharge and 16 kV air discharge (EN61000-4-2)
Free fall test, standard product	IEC 60068-2-32, procedure 1, dropped 12, times from 1 meter. Specification extended to 2 meters.
Chemical resistance test	3% Hydrochloric Acid, M-alcohol (85% methylated ethanol), 60% Chlorhexidin 0.5 mg / ml

AUDIO

Ring signal	Adjustable in 8 steps
Earpiece	Adjustable in 8 steps
Maximum sound pressure level	100 dBspl @ 10 cm
Loudspeaker	Duplex loud speaking function

CONNECTORS

Multi-purpose	For battery charging, software download, connector connection of headset, and configuration.

USER INTERFACE

Display (w × h)	Multiple colors with high resolution, more than 65,000 individual colors. 128 × 160 pixel LCD with white LED backlighting.
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 handset is system dependent.
Storage capacity	30 received / sent messages (> 20,000 characters)

BLUETOOTH

Bluetooth radio spectrum	ISM 2.4000 – 2.4835 MHz

VERIFIED BLUETOOTH HEADSETS

· Nokia BH-804 / BH-904
· Plantronics Explorer 240 / 390 / 395
· Plantronics Voyager 835 / PRO / PRO+
· Plantronics Discovery 925
· Jabra BT530
· SonyEricsson HBH-GV435
· SonyEricsson HBH-PV740
· Peltor M2RX7-WS4

RADIO

Compliance to DECT standard

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