# Mitel MiVoice 5607 Wireless Phone

## Robust wireless phone for demanding environments

### Key Features

- Supports bi-directional text messaging
- Push-to-talk / group call
- MiVoice Business Management integration
- Simplified device management
- Enhanced, customizable Graphical User Interface (GUI)
- Solvent, dust, moisture, and shock resistance
- Programmable multi-function button

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® MiVoice 5607 Wireless Phone offers protection from dust, moisture, solvents, and shock.

Extending the range of the new generation of handsets, the MiVoice 5607 Wireless Phone is designed for users that have advanced communication needs and who are exposed to harsh environments or personal safety risks. The MiVoice 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 MiVoice 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 MiVoice 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 MiVoice 5607 Wireless Phone can send an alarm due to the user becoming immobile, incapacitated, or having the MiVoice 5607 Wireless Phone forcibly removed from the user. Furthermore, with the services or location license, the phone emitting the alarm can be located.

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## Services (Optional)

The optional Services license enables the MiVoice 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.

## MiVoice Business Management Integration

The MiVoice 5607 Wireless Phone is configured as a specific device type on the MiVoice Business (formerly Mitel Communications Director), making adds, moves, and changes simple to manage from the MiVoice Enterprise® Manager.

## Simplified Device Management

The MiVoice 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 MiVoice 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

- *MiVoice 5607 Wireless Phone Desktop Charger (charges one handset)*
- *MiVoice 5603 / 5604 / 5607 Wireless Phone Desktop Programmer (charges and programs one handset)*
- *MiVoice 5603 / 5604 / 5607 / 5624 Wireless Phone Rack Charger (charges up to six handsets)*
- *MiVoice 5607 Wireless Phone Battery Pack Rack Charger (charges up to six MiVoice 5607 Wireless Phone batteries)*
- *Leather Case*
- *Clips: Swivel type, Hinge type*
- *5607 Alarm Pull Cord*
- *5607 Headset Adapter (QD compatible headsets)*
- *Verified Bluetooth Headsets*

## Technical Specifications

### PHYSICAL

| Size (L X W X D) | Weight | Material | Color | Display (W X H) | Clip |
|---|---|---|---|---|---|
| » 142 × 56 × 25 mm (5.59 x 2.2 x 0.98 in) | » 170 g (battery and clip included) | » Case: PC/ABS<br>» Key pad: PC<br>» Clip: PA | » Black/Dark Grey | » 8 x 35 mm (1.1 x 1.37 in), CSTN display | » Hinge type (standard) or swivel type |

### BATTERY AND CHARGING

| Type | Speech Time | Stand-By Time | Charge Time | Discharge / Charge Cycles |
|---|---|---|---|---|
| » Li-Ion | » 18 hrs / 12 hrs (Bluetooth headset in use); 16 hrs (DECT Location enabled) | » 120 hrs / 120 hrs (Bluetooth headset in use); 60 hrs (DECT Location enabled) | » 2 hours – 90% charged; 3 hours – fully charged. | » >=80% capacity left after 400 full charge / discharge cycles. |

### LANGUAGES

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

### 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 | Entries |
|---|---|
| » 40 characters in a name and 20 digits in a number | » 1,000 |

### LOCAL PHONEBOOK

| Storage of Contacts | Entries |
|---|---|
| » 48 character name, 24 digit work number, 24 digit mobile phone number, 24 digit other numbers, Selectable ring tones per contact | » 250 editable and 1,000 programmed |

### TELEPHONY

| Indication | Answer Call Options | Call List Storage Capacity |
|---|---|---|
| » 14 ring signals, flashing LED and vibrator | » Button press or auto answer | » 25 calls (received, dialed and missed) with time stamp |

## ENVIRONMENTAL

| Operating Temperature | Storage Temperature | Enclosure Protection | Immunity to Electromagnetic Fields |
|---|---|---|---|
| » -10 °C to +55 °C (14 °F to 131 °F) | » -20°C to +60°C (-4°F to 140°F) | » IP65, IEC EN60529 | » 10 V/m EN61000-4-3 |

| Immunity to ESD | Free Fall Test, Standard Product | Chemical Resistance Test |
|---|---|---|
| » 8 kV contact discharge and 16 kV air discharge (EN61000-4-2) | » IEC 60068-2-32, procedure 1, dropped 12, times from 1 meter. Specification extended to 2 meters. | » 3% Hydrochloric Acid, M-alcohol (85% methylated ethanol), 60% Chlorhexidin 0.5 mg / ml |

## AUDIO

| Ring signal | Earpiece | Maximum sound pressure level | Loudspeaker |
|---|---|---|---|
| » Adjustable in 8 steps | » Adjustable in 8 steps of 3dB each | » 100 dBA at 10 cm | » Duplex loud speaking function |

## CONNECTORS

| Multi-Purpose Connector | Headset Connector |
|---|---|
| » For battery charging, software download, connector connection of headset, and configuration. | » Standard 2.5 mm |

## USER INTERFACE

| Display (W X H) | Indicator | Vibrator |
|---|---|---|
| » Multiple colors with high resolution, more than 65,000 individual colors. 128 × 160 pixel LCD with white LED backlighting. | » LED on top / front for visual indication of incoming call, and message | » Incoming call / message |

## MESSAGING

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

## RADIO

» Compliance to DECT standard

## BLUETOOTH

| Bluetooth radio spectrum | Verified Bluetooth Headsets |
|---|---|
| » ISM 2.4000 – 2.4835 MHz | » Nokia BH-804 / BH-904<br>» Plantronics Explorer 240 / 390 / 395<br>» Plantronics Voyager 835 / PRO / PRO+<br>» Plantronics Discovery 925<br>» Jabra BT530<br>» SonyEricsson HBH-GV435<br>» SonyEricsson HBH-PV740<br>» Peltor M2RX7-WS4 |

## System Requirements

- *MiVoice Business – Release 4.1 or later (formerly Mitel Communications Director)*

- *MiVoice Office – Release 6.0 or later (formerly Mitel 5000 Communications Platform)*

- *MiVoice Border Gateway – Release 7.1*