

Mitel MiVoice 5604 Wireless Phone

Advanced features for a variety of high priority scenarios

Key Features

- Supports bi-directional text messaging
- Initiate or be drawn into a Push-to-Talk session
- MiVoice Business Management Integration
- Simplified Device Management
- Enhanced, customizable Graphical User Interface (GUI)



For the more sophisticated user and when communication is of highest priority for safety, health or security reasons, the Mitel® MiVoice 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 MiVoice 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 MiVoice 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 MiVoice 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 MiVoice 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 MiVoice 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.

MiVoice Business Management Integration

The MiVoice 5604 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 Mitel IP-DECT System (Global) software release 4.0 introduced support for simplified device management, compatible with the MiVoice 5604 Wireless Phone. Programming can be achieved over-the-air via the WSM gateway, or via a PC in conjunction with the MiVoice 5603 / 5604 Wireless Phone Programmer. 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

- *MiVoice 5603 / 5604 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 5604 / 5624 Wireless Phone Battery Pack Rack Charger (charges up to six MiVoice 5604 or MiVoice 5624 Wireless Phone batteries)*
- *Leather Case*
- *Clips: Swivel type, Hinge type*
- *Security Cord*
- *Headset: with Microphone on Boom*

Technical Specifications

PHYSICAL

Size (L X W X D)	Weight	Material	Color	Display (W X H)	Clip
» 5.28" x 2.08" x 1.02" (134 x 53 x 26 mm)	» 130 g (battery and clip included)	» Case: PC-ABS » Key pad: PC » Clip: PPA	» Black	» 1.10" x 1.37" (28 x 35 mm) CSTN display	» Hinge type (standard) or swivel type

BATTERY AND CHARGING

Type	Speech Time	Stand-By Time	Charge Time	Discharge / Charge Cycles
» Li-polymer	» 20 hrs / 13 hrs (location use)	» 240 hrs / 120 hrs (location use)	» < 4 hours	» >=80% capacity left after 400 full charge / discharge cycles

CENTRAL PHONEBOOK

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

LANGUAGES

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

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	Immunity to ESD	Free Fall Test, Standard Product
» 0°C to +40°C (32°F to 104°F)	» -20°C to +60°C (-4°F to 140°F)	» IP44, IEC EN60529	» 3 V/m EN61000-4-3	» 4 kV contact discharge and 8 kV air discharge (EN61000-4-2)	» IEC 60068-2-32, procedure 1, dropped 12 times from 1 meter, tested to 12 drops from 1.5 meter

AUDIO

Ring Signal	Earpiece	Maximum Sound Pressure Level	Loudspeaker
» Adjustable in 8 steps	» Adjustable in 8 steps of 3dB each	» 88 dBA at 10 cm	» Duplex loud speaking function

CONNECTORS

MULTI-PURPOSE CONNECTOR	HEADSET CONNECTOR
» For battery charging, software download, and configuration	» Standard 2.5 mm

USER INTERFACE

Display (W X H)	Indicator	Vibrator
» 128 x 160 pixels LCD, multiple colors with high resolution. More than 65,000 individual colors	» LED on top / front for visual indication of incoming call, and message	» Incoming call / message

MESSAGING

Maximum Message Length	Storage Capacity
» 128 x 160 pixels LCD, multiple colors with high resolution. More than 65,000 individual colors	» 30 received / sent messages (> 20,000 characters)

RADIO

Compliance to DECT standard

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*