

# Mitel 5617 IP-DECT Phone



The professional handset for the toughest working environments

## Key Features

- High resolution 2.4 inch TFT display with multi-color LED
- Shock, vibration, drop, temperature and chemical resistant
- Advanced messaging including priority and confirmation
- Bluetooth 5.0
- 3.5 mm headset connector
- Wideband audio support
- Standard 3.5 mm headset connector
- Multi-function button
- IP65 Protection Class



The Mitel 5617 IP-DECT handset is an enterprise-class handset that is designed for users who work in the toughest working environments. The Mitel 5617 is built to be comfortable to use throughout the longest shifts, featuring: a large color display, advanced messaging, wired or wireless headsets, multiple language and phonebook options, a carrying clip and a long-life, replaceable battery.

The Mitel 5617 is ingress protected to IP65 standard and it has been tested way beyond the standard free fall, temperature, chemical-resistance and endurance tests. And of course, it features advanced speech encryption and authentication.

## Location Management

Keep your workers safe by taking advantage of built-in Low Frequency (LF), Bluetooth Low Energy (BLE) and Infrared (IR) technologies to provide high precision location tracking of workers.

## Phone Management

The DECT phones can be managed in two alternative ways: a central solution using the Mitel CPDM3/WSM3 server and/or a local PC solution with phones docked in a dedicated Desk PDM Programmer.

## Display

- *Large 2.4" color TFT display with white LED backlighting*
- *Multiple colors with high resolution, 262 K individual colors 240 x 320 pixel*

## User Interface

- *Indicators:  
Sound, vibrator, illuminated display and/or a multicolored LED indicates incoming call/message, 14 ring signals*
- *Button and keys:  
Three programmable soft keys, fourway navigation key, off-hook key, on-hook and power on/off key, numerical keys, sound off key, volume up/down, alarm button, mute multifunction button and push-to-talk multifunction button*

## Connectors

- *Multipurpose: Multi-purpose connector for battery charging, fast software download and configuration*
- *Other: Screw reinforced standard 3.5 mm headset connector for Peltor/3M hearing protection headset cable  
The 3.5 mm connector can also be used for charging with a charging cable using a Europlug*

## Audio and Codecs

- *Wideband audio: Support of voice codecs G.722.2 and G.726*
- *Background noise reduction:  
Two microphones and Adaptive Noise Reduction*
- *Ring signal:  
Adjustable in 8 steps*
- *Max. sound ring signal level:  
100 dBA at 10 cm distance*
- *Earpiece:  
Adjustable in 8 steps of 3dB each*
- *Loudspeaker: Duplex loudspeaker*

## Telephony

- *Answer call:  
Button press or auto answer*
- *Call list storage capacity:  
50 calls (received, dialled and missed) with time stamp*

## Messaging

- *Maximum message length:  
Up to 140 characters from handset, depending on language and system settings*
- *Storage capacity:  
30 received/sent messages (>20,000 characters)*
- *Other:  
Configurable beeps depending on urgency, pre-programmed messages*

## Administration features (IP DECT)

### The Mitel WSM3/CPDM3

- *DECT Phone configuration over the air*
- *Automatic firmware update over the air*

*Mitel's Central Portable Device Manager (CPDM3 / WSM3) solution can manage multiple DECT phones simultaneously. The CPDM3/WSM3 works with LAN-connected Rack PDM Chargers and Desk PDM Programmers. Phones can then be managed either locally or remotely. For DECT phones used in IP-DECT systems, the phones can also be managed over the air.*

### The Mitel Desk PDM Programmer

*Desk PDM (Portable Device Manager), supports the configuration of phones with all their parameters, as well as software upgrades. The Desk PDM software is installed on a PC and connected to the Desk PDM Programmer via the included USB cable. A database on the PC stores all the phone configurations - only one phone can be managed at a time.*

## Phonebooks

- *Central phonebook:*  
Unlimited number of entries,  
maximum 40 characters in a name  
and 20 digits in a number
- *Company phonebook:*  
1,000 entries, maximum 24 characters  
in a name and 24 digits in a number
- *Local phonebook:*  
250 entries, maximum 48 character in  
a name and 24 digits in a number

## Battery

- *Type:* Li-ion 3.7 V, 920 mAh
- *Speech time:*
  - » Up to 10 hrs (with BT headset and location features enabled)
  - » Stand-by time: Up to 120 hrs (with black screen saver activated and location features disabled)
- *Charge time:* < Less than 4 hrs
- *Discharge/charge cycles:*
  - »  $\geq 80\%$  capacity after 400 full charge/discharge cycles
- *Easily replaceable battery*

## 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)
- *Charging temperature:*  
+5° C to +40° C (+41° F to +104° F)
- *Enclosure protection:* IP65, IEC EN60529
- *Immunity to ESD:* 8 kV contact discharge and 16 kV air discharge, EN61000-4-2
- **Free fall test:**
  - IEC60068-2-31, procedure 1:  
Dropped 12 times, specification extended to 2 m.
  - IEC60068-2-31, procedure 2:  
Dropped 1000 times from 0.5 m

- *Climate stress:*  
Handset exposed to rapid temperature and humidity changes Temperature range: -40° C to +75° C (-40° F to +167° F)
- *Humidity range:* 0% to 90%
- *Vibration test:*  
Handset exposed to 30 Hz vibrations for a duration of 2.5 hrs
- *Chemical stress:*  
Handset exposed to oleic acid Keypad actuation test: Keys pressed 15,000 times with a force of 13 N
- *Squeeze test:*  
Handset squeezed 1,000 times with a force of 130 N

## Radio

- *Color:*  
DECT protocol detection: Automatic detection and configuration for US DECT and EU DECT at first registration
- *Frequency range:*
  - » 1880–1900 MHz:  
Europe, Africa, Middle East, Australia, New Zealand and parts of Asia
  - » 1880–1900 MHz:  
Europe, Africa, Middle East, Australia, New Zealand and parts of Asia
  - » 1900–1906 MHz:  
Thailand
  - » 1910–1920 MHz:  
Brazil
  - » 1910–1930 MHz:  
Latin America
  - 1920–1930 MHz: US
- *Modulation:* GFSK
- *Channel spacing:* 1.728 MHz
- *Antenna:* Two integral antennas for diversity
- *Sensitivity:* -93 dBm
- *Maximum:* 10 mW: Europe, Latin America, Brazil, 4 mW: US
- *Bluetooth:* Supports Bluetooth 5.0 and profiles headset and handsfree

## Security

*Encryption: Full support of the DECT Security EN300444 feature N35 (Enhanced security) and N36 (AES/DSAA2 authentication)*

## Location

*Location types: Bluetooth Low Energy (BLE), DECT, Infrared (IR), Low Frequency (LF)*

## Languages

*Menu and message languages: Arabic, Czech, Danish, Dutch, English, Finnish, Flemish, French, German, Greek, Hungarian, Italian, Norwegian, Polish, Portuguese (Brazilian), Portuguese (European), Russian, Simplified Chinese, Slovakian, Spanish, Swedish and Turkish plus one downloadable language*

## Dimensions

- *Dimensions: 150 x 64 x 23 mm*
- *Weight: 175 g (6.17 oz) (incl. clip and battery)*
- *Color: Handset: gray/black,*
- *Front plate: blue*
- *Build: Case: PC/ABS,*
- *Keypad: PC, Clip: PA Case: Hinge type (standard), swivel type or no clip*

## Parts and Accessories

*Get even more from Mitel DECT handsets with tested carrying and headset accessories and charging and battery options.*

- *Mitel 5617 IP-DECT Phone*
- *Desktop Charger*
- *Battery Pack Charger*
- *Charging Rack*
- *Battery Pack Adapter*
- *3.5mm Charger*
- *Carrying Case*
- *Standard Clip*
- *No Clip Cover Plate*
- *Swivel Clip*
- *Security String*
- *Battery Pack*
- *Pull Cord*
- *Cover pull clip for pull cord*
- *Screw Kit*