

## Multi-line mobile handset

# IP DECT Handset G566



The IP DECT Handset G566 is a sophisticated handset that provides a range of mobile unified communications and messaging capabilities to fulfil task management and staff/patient safety scenarios in various businesses, hospitality and healthcare.

- Provides many different call control features seamlessly integrated with the PBX
- Dedicated line keys with led indication for multi-line functionality
- Any place accessibility improving customer satisfaction through efficient call handling
- Valuable unified communications, including central directory access
- A robust design and intuitive user interface with colour display and icon based menus
- A dual charger allowing an additional battery to be charged
- Provides freedom, comfort and flexibility to the user with options such as headset and built-in trembler
- DECT compliance for high quality speech and security
- High definition audio in line with CAT-iq

## At a glance

- Appealing design, easy to use handset
- Increased accessibility
- Flexibility, comfort and mobility
- High-end mobile communications device for voice and messaging
- Reduced communication and maintenance costs
- A simple, secure, feature-rich solution



## Features

|                                   |  |  |
|-----------------------------------|--|--|
| <b>Call handling<sup>1)</sup></b> | <ul style="list-style-type: none"> <li>● Automatic call answer</li> <li>● Caller log</li> <li>● CLI (name and number support)</li> <li>● Last number redial</li> <li>● Recall/hold (enquiry)</li> <li>● Standby time up to 160 hours</li> </ul>  | <ul style="list-style-type: none"> <li>● Call reject option</li> <li>● HD audio and seamless handover</li> <li>● On-hook number preparation</li> <li>● Silent charging</li> <li>● Talk time up to 20 hours</li> </ul>  |
| <b>Design</b>                     | <ul style="list-style-type: none"> <li>● Robust design for use in professional environments</li> <li>● Triple colour LED indication for e.g. missed call and MWI</li> </ul>  | <ul style="list-style-type: none"> <li>● Dust and water resistance: IP40</li> <li>● HAC compliant</li> </ul>   |
| <b>Directory</b>                  | <ul style="list-style-type: none"> <li>● Corporate directory</li> </ul>  | <ul style="list-style-type: none"> <li>● Personal phone book with multiple numbers per contact</li> </ul>  |
| <b>Display</b>                    | <ul style="list-style-type: none"> <li>● Colour graphic 2.0" TFT display, 176 x 220 pixels (65K) compliant</li> <li>● Illuminate display: on incoming calls and message</li> <li>● Power saving mode: display dim lit or completely off</li> </ul>   | <ul style="list-style-type: none"> <li>● Date &amp; time indication: synchronised with PBX clock</li> <li>● Character set: WideChar (UTF160)</li> <li>● LCD backlit</li> </ul>   |
| <b>Headset</b>                    | <ul style="list-style-type: none"> <li>● Wired headset support (3.5 mm)</li> </ul>   |  |
| <b>Keys</b>                       | <ul style="list-style-type: none"> <li>● Function and keypad keys: 24 keys with 12 keypad keys (0..9, *, #) with text mode support</li> <li>● Recall (enquiry) key combined with on-hook key</li> <li>● Menu navigation keys: up, down, left, right and OK</li> <li>● Distinctive SOS alarm key</li> <li>● Keypad backlit</li> <li>● Speakerphone key</li> </ul> | <ul style="list-style-type: none"> <li>● On- and off-hook: 2 separate keys</li> <li>● Power on/off key combined with off-hook key</li> <li>● Soft keys: 3, menu dependent function</li> <li>● Increase and decrease volume</li> <li>● Menu key</li> </ul>                    |
| <b>Localisation</b>               | <ul style="list-style-type: none"> <li>● Supported languages: 12</li> <li>● Triple frequency band</li> </ul>   | <ul style="list-style-type: none"> <li>● Multiple (RF) power levels</li> </ul>   |
| <b>Memory card (optional)</b>     | <ul style="list-style-type: none"> <li>● Storage of configuration and subscription data, personal phone book and caller filter</li> <li>● Blocking of changes to the configuration settings</li> <li>● Easy subscription to another handset by transferring the memory card</li> </ul>   | <ul style="list-style-type: none"> <li>● Easy (pre-)installation by programming the memory card</li> <li>● Memory card type: micro SD</li> </ul>   |
| <b>Menu</b>                       | <ul style="list-style-type: none"> <li>● Easy menu programming</li> </ul>  |  |
| <b>Messaging</b>                  | <ul style="list-style-type: none"> <li>● Messaging (LRMS) support</li> <li>● Message waiting (voicemail)</li> <li>● Support of different urgencies/priorities: Normal, urgent and emergency</li> </ul>   | <ul style="list-style-type: none"> <li>● Message broadcast support</li> <li>● Set-up of voice call to call back number in message</li> </ul>   |
| <b>Mobility</b>                   | <ul style="list-style-type: none"> <li>● Antenna diversity</li> </ul>  | <ul style="list-style-type: none"> <li>● Multiple subscriptions DECT systems: 10</li> </ul>  |
| <b>Other features</b>             | <ul style="list-style-type: none"> <li>● Automatic key lock</li> </ul>   | <ul style="list-style-type: none"> <li>● Accessory features: calculator, stopwatch and alarm clock</li> </ul>  |
| <b>Sound/audio</b>                | <ul style="list-style-type: none"> <li>● Adjustable ringer volume</li> <li>● Loudspeaker mode/hands free</li> <li>● Trembler</li> </ul>  | <ul style="list-style-type: none"> <li>● Adjustable earpiece/loudspeaker volume</li> <li>● Microphone mute</li> <li>● Silent ring support</li> </ul>   |
| <b>Security</b>                   | <ul style="list-style-type: none"> <li>● Automatic encryption for secure calls</li> </ul>  |  |
| <b>Service/maintenance</b>        | <ul style="list-style-type: none"> <li>● Software upgrading via air interface <sup>2)</sup></li> <li>● Software upgrading via USB interface</li> </ul>   | <ul style="list-style-type: none"> <li>● Backup of local data via memory card</li> </ul>   |
| <b>User data</b>                  | <ul style="list-style-type: none"> <li>● Internal memory for storage of configuration data, personal phone book, messages, caller log, caller filter and calendar entries</li> </ul>   | <ul style="list-style-type: none"> <li>● Optional memory card</li> </ul>   |
| <b>User interface</b>             | <ul style="list-style-type: none"> <li>● Icon driven menu</li> <li>● Configurable tricolour LED indicator, e.g., for missed call and message waiting</li> <li>● Ringer tones/melodies: 20</li> <li>● Selectable display background</li> </ul>  | <ul style="list-style-type: none"> <li>● Status line indicators in the display</li> <li>● Distinctive melodies for external and internal calls, messages and priorities and per contact in the local phone book</li> <li>● Audible indicators are user selectable</li> </ul> |

1) Features depend on the capabilities of the PBX and the DECT system used

2) Needs to be supported by the DECT system

## Physical characteristics

|                                   |  |
|-----------------------------------|--|
| <b>Dimensions</b>                 | <ul style="list-style-type: none"> <li>● Handset: 143x50x20 mm</li> <li>● Charger: 77x77x61 mm</li> <li>● Charger rack: 462x77x61 mm</li> </ul>  |
| <b>Weight</b>                     | <ul style="list-style-type: none"> <li>● Handset: 123 g</li> <li>● Charger: 78 g</li> <li>● AC adapter: 25 g</li> </ul>  |
| <b>Protection</b>                 | <ul style="list-style-type: none"> <li>● Handset: IP40</li> </ul>  |
| <b>Range</b>                      | <ul style="list-style-type: none"> <li>● Indoor: 50 m max <sup>3)</sup></li> <li>● Outdoor: 300 m max <sup>3)</sup></li> </ul>   |
| <b>Power supply</b>               | <ul style="list-style-type: none"> <li>● Handset: 3.7V, 1100mAh lithium-ion battery</li> <li>● Charger: (EU mains plug, USB output)</li> <li>● Input: 100-240VAC/50/60Hz/250mA</li> <li>● Output: 5VDC/1000mA</li> <li>● Charger: (UK, US, AU mains plug, USB output) <sup>4)</sup></li> <li>● Input: 100-240VAC/50/60Hz/125mA</li> <li>● Output: 5VDC/900mA</li> <li>● Charger rack: (multi region mains plug, 5 mm DC plug)</li> </ul> |
| <b>Colour and finishing G566d</b> | <ul style="list-style-type: none"> <li>● Handset: black</li> <li>● Desktop charger: black</li> <li>● Charger rack: black</li> </ul>  |
| <b>Colour and finishing G566s</b> | <ul style="list-style-type: none"> <li>● Handset: light grey</li> <li>● Desktop charger: black</li> <li>● Charger rack: black</li> </ul>   |
| <b>Audible indicators</b>         | Selectable audible indicators: <ul style="list-style-type: none"> <li>● Key click</li> <li>● Coverage warning</li> <li>● Charger warning</li> <li>● Confirmation tone</li> </ul>   |
| <b>Status line indicators</b>     | Status line indicators in the display are: <ul style="list-style-type: none"> <li>● Battery condition</li> <li>● Caller filter active</li> <li>● Field strength</li> <li>● Key lock active</li> <li>● Loudspeaker active</li> <li>● Message waiting</li> <li>● Microphone mute</li> <li>● Missed call</li> <li>● Ringer off</li> </ul>   |
| <b>LED indicators</b>             | Three of the following user selectable indicators can be assigned to the tricolour indicator LED: <ul style="list-style-type: none"> <li>● Battery low</li> <li>● Missed call</li> <li>● Text message</li> <li>● Text or voice message</li> <li>● Voice message</li> </ul>   |
| <b>Supported menu languages</b>   | The handset supports 12 selectable languages: Danish, Dutch, English, French, German, Italian, Norwegian, Polish, Portuguese, Spanish, Swedish, Turkish  |

*3) The radio coverage of DECT handsets depends on the environment and the presence of obstacles*

*4) The mains plug contains a changeable part for the different power plugs*

## Accessories

|                                 |  |
|---------------------------------|--|
| <b>G566 handset accessories</b> | <ul style="list-style-type: none"> <li>● Swivel belt clip attachment and swivel belt clip</li> <li>● Belt clip</li> <li>● Horizontal pouch (fixed belt-clip, handset needs to be removed when used)</li> <li>● Vertical pouch (swivel belt-clip, handset can be used while in pouch)</li> <li>● Battery pack</li> <li>● Desktop charger with adapter</li> <li>● Charger rack (6 handsets) with AC adapter</li> </ul> |
|---------------------------------|--|

## Transmission & frequency

|   |                                |
|---|--------------------------------|
| <b>Transmitted radio RF power</b>                 | Less than 250 mW <sup>5)</sup> |
| <b>Average Radio RF power</b>                     | 10mW                           |
| <b>Frequency band EMEA</b>                        | 1880 – 1900 MHz                |
| <b>Frequency band China <sup>6)</sup></b>         | 1900 – 1920 MHz                |
| <b>Frequency band Latin America <sup>6)</sup></b> | 1910 – 1930 MHz                |
| <b>Frequency band North America <sup>6)</sup></b> | 1920 – 1930 MHz                |

*5) The transmitted Radio RF power is according to local regulations*

*6) The G566 handset has a triple frequency band and can be used in the EMEA, American and Chinese DECT frequency band*

## Environmental conditions

|                          |                           |
|--------------------------|---------------------------|
| <b>Temperature range</b> | Operating: 0°C to +40°C   |
|                          | Transport: -25°C to +70°C |
|                          | Storage: -5°C to +45°C    |
| <b>Relative humidity</b> | Operating: 10 to 95%      |
|                          | Transport: 10 to 100%     |
|                          | Storage: 10 to 95%        |

## Package content

|                                    |
|------------------------------------|
| <b>G566 handset with belt clip</b> |
| <b>Lithium-ion battery pack</b>    |

## Compliance

|   |                                    |
|---|------------------------------------|
| The G566 handset carries a CE mark (European directive 1999/5/EC) |                                    |
| <b>EMC</b>  | EN 301 489-1, EN 301 489-6         |
| <b>EMF</b>  | EN 50360                           |
| <b>DECT</b>   | EN 301 406, EN 300 175, EN 300 444 |
| <b>Safety</b>   | EN 60950-1                         |

## Directives and regulation

|   |
|---|
| <b>Directives and regulations Europe</b>                |
| R&TTE directive 1999/5/EC                               |
| EMC directive 2004/108/EC                               |
| LVD directive 2006/95/EC                                |
| ROHS directive 2011/65/EU and WEEE directive 2002/96/EC |
| ERP directive 2009/125/EC                               |
| <b>Directives and regulations North America</b>         |
| FCC part 15C, 15D                                       |
| RSS 210, RSS 213  |
| HAC/VC  |

## Access point



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