

# DECT handset G566

Multi-line mobile handset for use in various business environments



**DECT handset G566 is a sophisticated handset that provides a range of mobile unified communications and messaging capabilities to fulfill task management and staff/patient safety scenario's in various businesses, hospitality and healthcare.**

- Provides many different call control features seamlessly integrated with the PBX
- Dedicated programmable keys with LED indication
- Any place accessibility improving customer satisfaction, while users keep full control over their presence
- Valuable unified communications, including central directory access, presence and extensive messaging and alarming features
- Intuitive user interface with colour display and icon based menus
- A dual charger allowing an additional battery to be charged
- Personal safety with SOS alarm key
- 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
- Sophisticated mobile communications device for voice, messaging and location services
- 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>• Color graphic 2.0" TFT display, 176 x 220 px (65K)</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: synchronized with PBX clock</li> <li>• Character set: WideChar (UTF16)</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>• 12 keypad keys (0..9, *, #) with text mode support</li> <li>• 4 function keys for speed dialling and menu shortcuts</li> <li>• Recall (enquiry) key combined with on-hook key</li> <li>• Menu navigation keys: up, down, left and right and OK</li> <li>• Distinctive SOS alarm key</li> <li>• Keypad backlit</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> <li>• Speakerphone key</li> </ul>
<b>Localization</b>	<ul style="list-style-type: none"> <li>• Supported languages: 14</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 emergence</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 14 selectable languages: Danish, Dutch, English, French, German, Greek, Italian, Norwegian, Polish, Portuguese, Russian, Spanish, Swedish, Turkish
<p><sup>3)</sup> The radio coverage of DECT handsets depends on the environment and the presence of obstacles</p> <p><sup>4)</sup> The mains plug contains a changeable part for the different power plugs</p>	

## 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>
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## 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 Thailand <sup>6)</sup></b>	1900 – 1906 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
<p><sup>5)</sup> The transmitted Radio RF power is according to local regulations</p> <p><sup>6)</sup> The G566 handset has a triple frequency band and can be used in the EMEA, American and Thai DECT frequency band</p>	

## 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>RF</b>	EN 301 406
<b>Safety</b>	EN 60950-1

## Compatibility

<b>Platform Compatibility IP DECT</b>	<ul style="list-style-type: none"> <li>Aspire, IPC500, SV8100 and SV9100</li> <li>2000IPS, SV8300 and SV9300</li> <li>SV7000, SV8500 and SV9500</li> <li>iS3000 with DECT or IP DECT</li> <li>SIP@Net</li> <li>XN120, IPC100, SV8100 and SV9100</li> <li>Certified SIP enabled PBXs or SIP servers</li> <li>Certified systems of Alcatel Lucent and Cisco</li> </ul>
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## Directives and Regulations

<b>European Union</b>	<ul style="list-style-type: none"> <li>• R&amp;TTE directive 1999/5/EC</li> <li>• EMC directive 2004/108/EC</li> <li>• LVD directive 2006/95/EC</li> <li>• ROHS directive 2011/65/EU</li> <li>• WEEE directive 2012/19/EU</li> <li>• ERP directive 2009/125/EC</li> </ul>
<b>USA and Canada</b>	<ul style="list-style-type: none"> <li>• FCC part 15C, 15D</li> <li>• RSS 210, RSS 213</li> <li>• HAC/VC</li> </ul>

## Access Point



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