

# 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>
---------------------------------	--

## 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

<sup>5)</sup> The transmitted Radio RF power is according to local regulations  
<sup>6)</sup> The G566 handset has a triple frequency band and can be used in the EMEA, American and Thai 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>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>
---------------------------------------	--

## 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



**About NEC Corporation:** NEC Corporation is one of the world's leading providers of Internet, broadband network and enterprise business solutions dedicated to meeting the specialized needs of its diverse and global base of customers. NEC delivers tailored solutions in the key fields of computer, networking and electron devices, by integrating its technical strengths in IT and Networks. The NEC Group employs more than 150,000 people worldwide. For additional information, please visit the NEC home page at: <http://www.nec.com>

For further information please contact your local NEC representative or:

**North America (USA)**  
NEC Corporation of America  
[www.necam.com](http://www.necam.com)

**South Asia (Singapore)**  
NEC Asia Pacific  
[www.nec.com.sg](http://www.nec.com.sg)

**Corporate Headquarters (Japan)**  
NEC Corporation  
[www.nec.com](http://www.nec.com)

**Oceania (Australia)**  
NEC Australia Pte Ltd  
[www.nec.com.au](http://www.nec.com.au)

**EMEA (Europe, Middle East, Africa)**  
NEC Enterprise Solutions  
[www.nec-enterprise.com](http://www.nec-enterprise.com)