

# G566 IP DECT Handset

Multi-line mobile handset for use in various business environments



## At a Glance

- Appealing design and easy to use handset
- Increases 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

## Overview

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

- Provides many different call control features that seamlessly integrate with NEC's communications platforms
- Offers any place accessibility improving customer satisfaction
- Provides valuable unified communications, including central directory access extensive messaging, alarming and calendar entries
- Offers a robust design and an intuitive user interface with color display and icon based menus
- Supplies 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



## 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 (inquiry)</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 color 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 1.44" TFT display, 128 x 128 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 (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>• 12 keypad keys (0..9, *, #) with text mode support</li> <li>• 4 function keys for speed dialing and menu shortcuts</li> <li>• Recall (inquiry) 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> <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>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>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 headset connector (3.5 mm)</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 tricolor 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>
<p><sup>1</sup> Features depend on the capabilities of the PBX and the DECT system used</p> <p><sup>2</sup> Needs to be supported by the DECT system</p>		

## Physical Characteristics

<b>Dimensions</b>	Handset: 143x50x20 mm Charger: 77x77x61 mm Charger Rack: 462x77x61 mm
<b>Weight</b>	Handset: 123 g Charger: 78 g AC Adapter: 25 g
<b>Protection</b>	Handset: IP40
<b>Range</b>	Indoor: 50 m max <sup>3</sup> Outdoor: 300 m max <sup>3</sup>
<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>Color and Finishing I755s</b>	<ul style="list-style-type: none"> <li>Handset: Light grey – dark grey protective rim</li> <li>Desktop charger: Light grey (front) – dark grey (back)</li> <li>Charger rack: Dark and light grey</li> </ul>
<b>Color and Finishing G266</b>	<ul style="list-style-type: none"> <li>Handset: Black</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>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 tricolor indicator LED: <ul style="list-style-type: none"> <li>Battery low</li> <li>Missed call</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

<sup>3</sup> The radio coverage of DECT handsets depends on the environment and the presence of obstacles

<sup>4</sup> 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>
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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 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

<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 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
<b>Safety</b>	EN 60950-1

## Compatibility

<b>Platform Compatibility</b>	<ul style="list-style-type: none"> <li>SV8100</li> <li>SV8300</li> <li>SV8500</li> <li>SL-series</li> <li>Certified SIP enabled PBXs or SIP Servers</li> </ul>
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## Directives and Regulation

Directives and regulations Europe
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
Directives and regulations North America
FCC part 15C, 15D
RSS 210, RSS 213
HAC/VC

## Access Point



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HW13005 | v.11.06.13

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