

## Product Bulletin G566 IP DECT Handset



### About the NEC G566 Handset

The new G566 IP DECT handset from NEC Corporation of America (NEC) has a robust design and a rich set of standard features such as a trembler, hands-free mode, USD memory card and micro USB interface. The G566 IP DECT handset is part of the next-generation, CAT-iq-enabled IP DECT solutions that offers HD-Voice. Well known features like central directory, messaging, personal alarming and easy handset swapping are available. Wearing options include belt clips and pouches. The G566 also has different charging options like dual-desktop, multi-rack and built-in USB port. The G566 offers extensive messaging capabilities.

### G566 and positioning

The G566 is a mid-range handset for the office as well as for use in verticals such as hospitality and healthcare. It replaces the G955 handset. It offers a larger, high-resolution display, messaging and four additional keys that can be used for speed dial or function select. The G566 offers a standard 3.5 mm headset jack but does not offer Bluetooth. For Bluetooth support the I755 handset should be used. The price of the G566 is comparable with the G955.






### Compatibility


The G566 is compatible with NEC's latest IP DECT systems and with the (SIP) platforms that have been certified for NEC IP DECT. NEC IP DECT systems must be running latest software but may be based on AP200, AP300 or AP400 or a combination of these. Note that HD Voice will become available in R6.1 of IP DECT in combination with AP400 only.

Compatible with IP DECT

- IP DECT AP200, AP300 & new AP400
- DAP Manager 5.x and above
- DMLS 2.x and above
- DAP FW 5.x and above
- Central Directory
- Compatible with all legacy NEC DECT handsets

**Parts**

G566 Wireless IP Handset and Options All DECT releases (excluding ML440) require a DAP (AP)		
Part #	Stock Name	Description
690124	G566 DECT handset	Handset with belt clip and Battery 
690126	Gx66 AC Adapter	Multi-Region AC Adapter for Desktop Charger 
690125	Gx66 Desktop Charger	Desktop charging cradle 
690933	G266/G566 Swivel Belt Clip Set	Replacement Belt Clip (Swivel) 
690934	G266/G566 Spring Lever Belt Clip	Replacement Belt Clip (Hinge) 

G566 Wireless IP Handset and Options All DECT releases (excluding ML440) require a DAP (AP)		
Part #	Stock Name	Description
690935	G266 Vertical Pouch	Separate protective leather case to reduce wear and tear to the DECT handset.  <b>THIS IS NOT A RUGGITIZED CASE</b>
690936	G266 Horizontal Pouch	Separate protective leather case to reduce wear and tear to the DECT handset.  <b>THIS IS NOT A RUGGITIZED CASE</b>

#### G255 and G566 Charging Rack

*Charging rack that will charge up to 6 handsets*



G266 and G566 Charging Rack		
Part #	Stock Name	Description
690127	Gx66 Multi Charger Rack	Charging Rack for up to 6 handsets
690931	Gx66 AC Adapter-Multi Charger Rack	AC Adapter for Charging Rack

## Characteristics

- Robust design
- Perfect voice quality by design and with HD-Voice (G.722)
- Perfect Loudspeaker mode (conference calls)
- Universal interface (micro USB) for easy charging and connection to PC
- uSD card for universal backup and pre-installation of features
- Very long battery-life time
- Antenna diversity (like the I755 handset)
- Universal charger (fits G266, G566 and coming models) with charging capability of an additional battery
- Rack-charger for 6 handsets



## Features and Specifications

<b>Call handling1)</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 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 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: (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 (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> <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>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</li> </ul>	<ul style="list-style-type: none"> <li>• Accessory features: Calculator,</li> </ul>

<b>Sound/Audio</b>	lock <ul style="list-style-type: none"> <li>• Adjustable ringer volume</li> <li>• Loudspeaker mode/hands free</li> <li>• Trembler</li> </ul>	stopwatch and alarm clock <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 2)</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 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>) Features depend on the capabilities of the PBX and the DECT system used</p> <p>) Needs to be supported by the DECT system</p>		