

Multi-line mobile handset for use in various business environments

G566 IP DECT Handset



At a Glance

- Appealing design, 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
- Dedicated programmable keys with LED indication
- 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

Call handling¹	<ul style="list-style-type: none"> • Automatic call answer • Caller log • CLI (name and number support) • Last number redial • Recall/hold (inquiry) • Standby time up to 160 hours 	<ul style="list-style-type: none"> • Call reject option • HD audio and seamless handover • On-hook number preparation • Silent Charging • Talk time up to 20 hours
Design	<ul style="list-style-type: none"> • Robust design for use in professional environments • Triple color LED indication for e.g. missed call and MWI 	<ul style="list-style-type: none"> • Dust and water resistance: IP40 • HAC compliant
Directory	<ul style="list-style-type: none"> • Corporate directory 	<ul style="list-style-type: none"> • Personal phone book with multiple numbers per contact
Display	<ul style="list-style-type: none"> • Color graphic 1.44" TFT display, 128 x 128 px (65K) • Illuminate display: on incoming calls and message • Power saving mode: display dim lit or completely off 	<ul style="list-style-type: none"> • Date & time indication: synchronized with PBX clock • Character set: WideChar (UTF160) • LCD Backlit
Headset	<ul style="list-style-type: none"> • Wired headset support (3.5 mm) 	
Keys	<ul style="list-style-type: none"> • 12 keypad keys (0..9, *, #) with text mode support • 4 function keys for speed dialing and menu shortcuts • Recall (inquiry) key combined with on-hook key • Menu navigation keys: up, down, left and right and OK • Distinctive SOS alarm key • Keypad backlit • Speakerphone key 	<ul style="list-style-type: none"> • On- and off-hook: 2 separate keys • Power on/off key combined with off-hook key • Soft keys: 3, menu dependent function • Increase and decrease volume • Menu key
Localization	<ul style="list-style-type: none"> • Supported languages: 14 • Triple frequency band 	<ul style="list-style-type: none"> • Multiple (RF) power levels
Memory card (optional)	<ul style="list-style-type: none"> • Storage of configuration and subscription data, personal phone book and caller filter • Blocking of changes to the configuration settings • Easy subscription to another handset by transferring the memory card 	<ul style="list-style-type: none"> • Easy (pre-)installation by programming the memory card • Memory card type: micro SD
Menu	<ul style="list-style-type: none"> • Easy menu programming 	
Mobility	<ul style="list-style-type: none"> • Antenna diversity 	<ul style="list-style-type: none"> • Multiple subscriptions DECT systems: 10
Other features	<ul style="list-style-type: none"> • Automatic key lock 	<ul style="list-style-type: none"> • Accessory features: Calculator, stopwatch and alarm clock
Sound/Audio	<ul style="list-style-type: none"> • Adjustable ringer volume • Loudspeaker mode/hands free • Trembler 	<ul style="list-style-type: none"> • Adjustable earpiece/loudspeaker volume • Microphone mute • Silent ring support
Security	<ul style="list-style-type: none"> • Automatic encryption for secure calls 	
Service/Maintenance	<ul style="list-style-type: none"> • Software upgrading via air interface² • Software upgrading via headset connector (3.5 mm) 	<ul style="list-style-type: none"> • Backup of local data via memory card
User data	<ul style="list-style-type: none"> • Internal memory for storage of configuration data, personal phone book, messages, caller log, caller filter and calendar entries 	<ul style="list-style-type: none"> • Optional memory card
User interface	<ul style="list-style-type: none"> • Icon driven menu • Configurable tricolor LED indicator, e.g. for missed call and message waiting • Ringer tones/melodies: 20 • Selectable display background 	<ul style="list-style-type: none"> • Status line indicators in the display • Distinctive melodies for external and internal calls, messages and priorities and per contact in the local phone book • Audible indicators are user selectable

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	
Dimensions	<ul style="list-style-type: none"> Handset: 143x50x20 mm Charger: 77x77x61 mm Charger Rack: 462x77x61 mm
Weight	<ul style="list-style-type: none"> Handset: 123 g Charger: 78 g AC Adapter: 25 g
Protection	<ul style="list-style-type: none"> Handset: IP40
Range	<ul style="list-style-type: none"> Indoor: 50 m max³ Outdoor: 300 m max³
Power Supply	<ul style="list-style-type: none"> Handset: 3.7V, 1100mAh Lithium-ion battery Charger: (EU mains plug, USB output) Input: 100-240VAC/50/60Hz/250mA Output: 5VDC/1000mA Charger (UK, US, AU mains plug, USB output)⁴ Input: 100-240VAC/50/60Hz/125mA Output: 5VDC/900mA Charger rack (multi region mains plug, 5 mm DC plug)
Color and Finishing 1755s	<ul style="list-style-type: none"> Handset: Light grey – dark grey protective rim Desktop charger: Light grey (front) – dark grey (back) Charger rack: Dark and light grey
Color and Finishing G266	<ul style="list-style-type: none"> Handset: Black Desktop charger: Black Charger rack: Black
Audible indicators	Selectable audible indicators: <ul style="list-style-type: none"> Key click Coverage warning Charger warning Confirmation tone
Status line indicators	Status line indicators in the display are: <ul style="list-style-type: none"> Battery condition Field strength Key lock active Loudspeaker active Message waiting Microphone mute Missed call Ringer off
LED indicators	Three of the following user selectable indicators can be assigned to the tricolor indicator LED: <ul style="list-style-type: none"> Battery low Missed call Voice message
Supported menu languages	The handset supports 14 selectable languages: Danish, Dutch, English, French, German, Greek, Italian, Norwegian, Polish, Portuguese, Russian, Spanish, Swedish, Turkish

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

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

Accessories	
G566 handset accessories	<ul style="list-style-type: none"> Swivel belt clip attachment and swivel belt clip Belt clip Horizontal pouch (fixed belt-clip, handset needs to be removed when used) Vertical pouch (swivel belt-clip, handset can be used while in pouch) Battery pack Desktop Charger with adapter Charger rack (6 handsets) with AC Adapter
Transmission & Frequency	
Transmitted radio RF power	Less than 250 mW ⁵
Average radio RF power	10mW
Frequency band Latin America⁶	1910 – 1930 MHz
Frequency band North America⁶	1920 – 1930 MHz
⁵ The transmitted Radio RF power is according to local regulations ⁶ The G266 handset has a triple frequency band and can be used in the EMEA, American and Chinese DECT frequency band	
Environmental Conditions	
Temperature range	Operating: 0°C to +40°C
	Transport: –25°C to +70°C
	Storage: –5°C to +45°C
Relative Humidity	Operating: 10 to 95%
	Transport: 10 to 100%
	Storage: 10 to 95%
Package Content	
G566 handset with belt clip	
Lithium-ion battery pack	
Compliance	
The G566 handset carries a CE mark (European directive 1999/5/EC)	
EMC	EN 301 489-1, EN 301 489-6
EMF	EN 50360
DECT	EN 301 406
Safety	EN 60950-1
Compatibility	
Platform Compatibility	SV9100
	SV9300
	SV9500
	UNIVERGE 3C
	SL2100

Directive and Regulation
Directive 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
Directive and regulations North America
FCC part 15C, 15D
ERSS 210, RSS 213
HAC/VC



Corporate Headquarters (Japan)
 NEC Corporation
nec.com

North America (USA & Canada)
 NEC Corporation of America
necam.com

NEC Enterprise Solutions
 NEC Europe Ltd
nec-enterprise.com

APAC
 NEC Asia Pacific Pte Ltd
sg.nec.com

Latin America
 NEC Latin America
latam.necam.com

About NEC Corporation of America: Headquartered in Irving, Texas, NEC Corporation of America is a leading technology integrator providing solutions that improve the way people work and communicate. NEC delivers integrated Solutions for Society that are aligned with our customers' priorities to create new value for people, businesses and society, with a special focus on safety, security and efficiency. We deliver one of the industry's strongest and most innovative portfolios of communications, analytics, security, biometrics and technology solutions that unleash customers' productivity potential. Through these solutions, NEC combines its best-in-class solutions and technology, and leverages a robust partner ecosystem to solve today's most complex business problems. NEC Corporation of America is a wholly-owned subsidiary of NEC Corporation, a global technology leader with a presence in 160 countries and \$25.2 billion in revenues. For more information, visit necam.com.