\Orchestrating a brighter world



DECT Handset G577

Professional mobile handset with alarming, messaging and multi-line capabilities



At a glance

- > Appealing design, lightweight and slimline
- > Bright 2-inch high resolution display
- > Large SOS-key for personal safety
- > Drop resistant design and IP65
- > Rugged belt-clip
- > Voice, alarming, messaging and location services
- > Central directory and Presence
- > Simple plug-and-play with MicroSD card
- > Very long battery life and standby time
- > Anti-bacterial (G577h) version
- > 4 function (line-) keys
- > USB-C interface
- > Bluetooth for location services and headset connectivity

DECT handset G577 is a sophisticated mobile handset combining mobile unified communications with a range of alarming and messaging capabilities, to facilitate task management, staff/patient safety and rich messaging in various businesses, hospitality and healthcare.

Main Product Features

- > Many different call control features seamlessly integrated with the PBX
- > Offers mobile interaction under all conditions in various demanding environments
- Valuable unified communications, including central directory access, presence and extensive messaging and alarming features
- > Dedicated programmable keys with LED indication
- Intuitive colour user interface and icon-based menus menus
- > Single or dual charger allowing an additional battery to be charged and compatible with previous generation chargers
- > Freedom, comfort and flexibility with Bluetooth or wired headset and built-in trembler
- > DECT compliance for high-quality speech and security
- > High-definition audio

G577h (healthcare)

- > Anti-bacterial treated plastics, lens and rubber parts
- > Healthcare version in distinctive colour (white)
- > Same capabilities as G577



www.nec-enterprise.com

Display Color graphic 2.0" TFT display, 240 x 320 px (65K) Date & time indication: synchronized with PBX of Illuminated display on incoming calls and message Character set: WideChar (UTF-16) Headset Wired headset support (USB-C) Bluetooth headset Keys 12 keypad keys (0.9, *, #) with text mode support On- and off-hock: 2 separate keys 4 function keys for speed dialling and menu shortcuts Power on/off key combined with off-hock key Recall (enquip), key combined with on-hock key Soft keys: 3, menu dependent function Menu navigation keys: up, down, left and right and OK Increase and decrease volume Distinctive SOS alarm key Menu key Keypad backlit Speakerphone key Localization Supported languages: 14 Multiple (RF) power levels Memory card (optional) Storage of configuration and subscription data personal phone bock and caller filter Easy subscription transfer to another handset v memory card type: MicroSD Menu Easy menu programming Memory card type: MicroSD Menu Easy menu programming Memory card type: MicroSD Messaging Messaging support: Normal, urgent and emergency Set-up of voice call to call back number in mess emergency Message waiting (voicemail) <t< th=""><th>Call handling¹⁾</th><th>Automatic call answer</th><th>Call reject option</th></t<>	Call handling ¹⁾	Automatic call answer	Call reject option
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and message waiting messages and priorities and per phonebook co		Configurable LED (4-col) indicator for e.g. missed call and message waiting	Distinctive melodies for external and internal calls, messages and priorities and per phonebook contact
Ringer tones/melodies: 20 Audible indicators are user selectable		Ringer tones/melodies: 20	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 systems

Dimensions	Handset: 128 x 49 x 21 mm			
	Charger: 60 x 60 x 30 mm			
	Charger Rack: 462 x 77 x 61 mm			
Weight	Handset: 144 g			
	Charger: 60 g			
	AC Adapter: 25 g			
Protection	Handset: IP65	_		
Range	Indoor: 50 m max ³⁾			
	Outdoor: 300 m max 4)			
Power	Handset: 3.7V, 1100mAh Lithium-ion battery			
Supply	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 (mult-region mains plug, 5 mm DC plug			
Colour and	G577 handset: Black	G577h handset: White		
finishing	Desktop charger: Black	Charger rack: Black		
Audible	Key click	Charger warning		
indicators	Coverage warning	Confirmation tone		
Status	Battery condition	Message waiting		
display line indicators	Caller filter active	Microphone mute		
indicators	Field strength	Missed call		
	Key lock active	Ringer off		
	Loudspeaker active			
LED indicators Three indicators can be assigned to the indicator LED	Battery low	Text or voice message		
	Missed call	Voice message		
	Text message Silent charging			
Supported menu anguages	Danish, Dutch, English, French, German, Greek, Italian, Norwegian, Polish, Portuguese, Russian, Spanish, Swedish, Turkish			

3) Radio coverage depends on environment and presence of obstacles

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

Transmission & Frequency		
Transmitted radio RF power	Less than 250 mW $^{5)}$	
Average Radio RF power	10mW	
Frequency band EMEA	1880 – 1900 MHz	
Frequency band Thailand ⁶⁾	1900 – 1906 MHz	
Frequency band Latin America 6)	1910 – 1930 MHz	
Frequency band North America 6)	1920 – 1930 MHz	

5) The transmitted Radio RF power is according to local regulations

6) The G577 handset has a triple frequency band and can be used in the EMEA, American and Thai DECT frequency band

Environmental Conditions		
Temperature range	Relative Humidity	
Operating: -15°C to +55°C	Operating: 10 to 93%	
Charging: +5°C to +45°C	Transport: 10 to 95%	
Storage: -20°C to +60°C	Storage: 10 to 93%	
Transport: -30°C to +60°C		

Compliance		
EMC		EN 301 489-1, EN 301 489-6, EN 301 489-17
EMF		EN 50663, EN 62479
RF		EN 300 328, EN 301 406
SAR		EN 61000-4-2, EN 61000-4-3
Safety		EN 62368-1
Bluetooth		Version 4.2
G577h anti-bacterial		ISO22196-2011 (2nd edition)
Compatibility		
Platform Compatibility	All NE	C Communication Platforms 7)
	Certifi	ed SIP enabled PBXs or SIP servers
	1	

Alcatel Lucent, Avaya, Cisco and Broadsoft certified systems

7) SL Series, SV8xxx, SV9xxx, iS3000/SIP@Net, 3C

Directives & Regulations			
EMC	2014/30/EU - Electromagnetic Compatibility		
LVD	2014/35/EU - Low Voltage Directive		
RED	2014/53/EU - Radio Equipment Directive		
RoHS	2011/65/EU - Restriction of the use of certain hazardous substances in EEE		
WEEE	2012/19/EU - Waste Electrical and Electronic Eqpmt		
ERP	2009/125/EC - Eco-design requirements for Energy-Related Products (ErP)		
G577/G577h resistance to cleaning liquids			
	EN ISO 2812-4:2007 EN - Paints and varnishes – Determination of resistance to liquids - Part 4: Spotting methods		
Resistance to fluids	Determination of resistance to liquids -		
	Determination of resistance to liquids -		
	Determination of resistance to liquids - Part 4: Spotting methods		
	Determination of resistance to liquids - Part 4: Spotting methods Liquids:		
	Determination of resistance to liquids - Part 4: Spotting methods Liquids: 99% concentration of isopropyl alcohol		
	Determination of resistance to liquids - Part 4: Spotting methods Liquids: 99% concentration of isopropyl alcohol Undiluted dishwasher detergent		
	Determination of resistance to liquids - Part 4: Spotting methods Liquids: 99% concentration of isopropyl alcohol Undiluted dishwasher detergent 3% Hydrochloric Acid		
to fluids	Determination of resistance to liquids - Part 4: Spotting methods Liquids: 99% concentration of isopropyl alcohol Undiluted dishwasher detergent 3% Hydrochloric Acid M-alcohol (85% methylated ethanol)		

Plastic parts		BactiBlock®: 920 B0
Rubber parts		SteriTouch®: ST10210
Lens coating		SteriTouch®: ST1012
Clip rubber grip		SteriTouch®: ST1007
Accessories		
G577 handset	Swivel belt clip attachment and swivel belt clip	
accessories	Belt clip	
	USB-C to 3.5 mm conversion cable	
	Vertical pouch (swivel belt-clip, handset can be used while in pouch)	
Battery pack		pack

Desktop charger with/without spare battery charger and AC adapter Charger rack (6 handsets) with AC adapter

Package Content	
G577/G577h package	G577 handset with belt clip
donn donn package	Lithium-ion battery pack

DECT Handset G577 & G577h



The G577h has been designed for healthcare. Special substances have been added to the plastics, lens and rubber parts in order to minimise the risk of bacterial infections. The handset can be cleaned with agents commonly used in healthcare institutes. The placing of the keys allows easy cleaning of the keypad surface.



Gx77 desktop charger and spare battery desktop charger



USB-C to 3.5 mm conversion cable

G577 at various angles - SOS button



Charger rack (6 handsets) with AC adapter

For further information please contact your local NEC representative or:

Corporate Headquarters (Japan) NEC Corporation www.nec.com Asia Pacifi NEC Asia Pacific www.nec.com.sg EMEA (Europe, Middle East, Africa) NEC Europe www.nec-enterprise.com North Americas (USA, Canada) NEC Corporation of America www.necam.com Latin Americas (Brazil) NEC Latin America br.nec.com