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NEC

DECT Handset G277

Compact and professional handset for mobile office users

The DECT handset G277 is an entry level professional mobile handset providing a range of mobile unified communication features, plug and play installation, charger compatibility and more for effective operation in various businesses.

Main Product Features

> Provides many different call control features seamlessly integrated with the PBX
> Providing staff the freedom to work at any place and freely move around
> Valuable unified communications, including central directory access and presence
> Intuitive user interface with colour display and icon based menus
> Single or dual charger allowing an additional battery to be charged and compatible with previous generation chargers
> Provides freedom, comfort and flexibility to the user with options such as headset and built-in trembler
> MicroSD card for easy subscription and replacing handset
> DECT compliance for superior quality speech and security
> High-definition audio

At a glance

> Appealing design, lightweight and slim-line
> Bright 1.8-inch colour display
> Rugged belt clip
> Central Directory access and presence
> Loudspeaker and handsfree mode
> Simple plug-and-play with MicroSD card
> Very long battery life and standby time
> USB-C interface for headset

Features G277

Call handling [1]	Automatic call answer	Call reject option
	Caller log	HD audio and seamless handover
	CLI (name and number support)	On-hook number preparation
	Last number redial	Silent Charging
	Recall/hold (enquiry)	Talk time up to 20 hours
	Standby time up to 160 hours	
Design	Robust design for use in professional environments	Dust and water resistance: IP40
	Triple colour LED indication for e.g. missed call and MWI	HAC compliant
Directory	Corporate directory	Personal phone book with multiple numbers per contact
Display	Color graphic 1.77" TFT display, 128 x 160 px (65K)	Date & time indication: synchronized with PBX clock
	Illuminate display: on incoming calls and message	Character set: WideChar (UTF-16)
	Power saving mode: display dim lit or completely off	LCD Backlit
Headset	Wired headset support (USB-C)	
Keys	12 keypad keys (0..9, *, #) with text mode support	On- and off-hook: 2 separate keys
	Recall (enquiry) key combined with on-hook key	Power on/off key combined with off-hook key
	Menu navigation keys: up, down, left and right and OK	Soft keys: 3, menu dependent function
	Speakerphone key	Increase and decrease volume
	Menu key	
Localization	Supported languages: 14	Multiple (RF) power levels
	Triple frequency band	
Memory card (optional)	Storage of configuration and subscription data personal phone book and caller filte	Easy subscription transfer to another handset via memory card programming
	Easy (pre-)installation via memory card programming	Memory card type: MicroSD
	Blocking of changes to the configuration settin	
Menu	Easy menu programming	
Mobility	Antenna diversity	Multiple subscriptions DECT systems: 10
Other features	Automatic key lock	Accessory features: calculator, stopwatch, alarm clock
Sound/Audio	Adjustable ringer volume	Adjustable earpiece/loudspeaker volume
	Loudspeaker mode/hands free	Microphone mute
	Trembler	Silent ring support
Security	Automatic encryption for secure calls	
Service/Maintenance	Software upgrading via air interface [2]	Backup of local data via memory card
	Software upgrading via headset connector (USB-C) Internal	5-year life cycle
User data	Internal memory to store configuration data, personal phone book, messages, caller log, caller filter and calendar entries	Optional memory card
User interface	Icon driven menu	Status line indicators in the display
	Configurable LED (3-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
	Selectable display background	

1) Features depend on the capabilities of the PBX and the DECT system used
2) Needs to be supported by the DECT systems

Physical Characteristics

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: 137 g
	Charger: 60 g
	AC Adapter: 25 g
Protection	Handset: IP40
Range	Indoor: 50 m max [3]
	Outdoor: 300 m max [4]
Power Supply	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-, 5 mm DC-plug)
Colour and finishin	Handset: Black
	Desktop charger: Black
	Charger rack: Black
Audible indicators	Key click	Charger warning
	Coverage warning	Confirmation ton
Status display line indicators	Battery condition	Message waiting
	Field strength	Microphone mute
	Key lock active	Missed call
	Loudspeaker active	Ringer off
LED indicators (Three indicators can be assigned to the indicator LED)	Battery low	Voice message
	Missed call	Silent charging
Supported menu languages	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 G277 handset has a triple frequency band and can be used in the EMEA, American and Thai DECT frequency band

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
EMF	EN 50663, EN 62479
RF	EN 301 406
SAR	EN 61000-4-2, EN 61000-4-3
Safety	EN 62368-1

Compatibility

Platform Compatibility	All NEC Communication Platforms 7)
	Certified SIP enabled PBXs or SIP server
	Alcatel Lucent, Avaya, Cisco and Broadsoft certified system

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 Equipment
ERP	2009/125/EC - Eco-design requirements for Energy-related Products (ErP)

Accessories

G277 handset accessories	Swivel belt clip attachment and belt clip
	Spring Belt Clip
	USB-C to 3.5 mm conversion cable
	Vertical pouch (swivel belt-clip, handset can be used while in pouch)
	Battery pack
	Desktop charger with/without spare battery charger and AC adapter
	Charger rack (6 handsets) with AC adapter

Package content

G277 package content	G277 handset with belt clip
	Lithium-ion battery pack

DECT Handset G277

Status LED

Earpiece

Volume up

USB-C Connector

Volume down

Phone Lock

Soft Keys

Speaker on/off

Menu

Navigation keys

Select/OK

Off hook/enquiry

On hook/On/Off

Keypad (0-9, *, #)

Microphone

Charging contact

USB-C to 3.5 mm conversion cable

Gx77 Desktop charger and spare battery desktop charger

Charger rack (6 handsets) with AC adapter

For further information please contact your local NEC representative or:

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