VOICE DECT

COMTEL

HANDSET
VOICE G577



PROFESSIONAL MOBILE HANDSET WITH ALARMING, MESSAGING AND MULTI-LINE CAPABILITIES

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

DECT HANDSET G577
AT A GLANCE

- Appealing design, easy to use handset
- Lightweight and slim line
- Bright 2-inch high resolution display
- Large SOS-key for staff safety
- Drop resistant design and dust and moisture protection
- Voice, alarming, messaging and location services
- Appealing design, easy to use handset
- Simple plug-and-play with MicroSD card (AP400)
- Very long battery life and standby time
- Anti-bacterial (G577h version)
- 4 function (line-) keys
- USB-C interface

DECT HANDSET G577
MAIN FEATURES

- Provides many different call control features which seamlessly integrate with the Voice server
- Offers mobile interaction under all conditions in various demanding environments
- Valuable unified communications, including central directory access, and alarming features
- Dedicated programmable keys with LED indication
- Intuitive colour user interface and icon-based 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 plus vibrate and ringer notification features
- DECT compliance for high-quality speech and security
- High-definition audio
- DECT based on GAP standard, DECT 6.0

DECT HANDSET G577H
HEALTHCARE

- Anti-bacterial treated plastics, lens and rubber parts
- Healthcare version in distinctive colour (white)



FEATURES G577		
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: IP65
	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 2.0" TFT display, 240 × 320 px (65K)	Date & time indication: synchronized with PBX clock
	Illuminated display: on incoming calls and message	Character set: WideChar (UTF-15)
	Power saving mode: display dim lit or completely off	LCD Backlit
Headset	Wired headset support (USB-C)	Bluetooth headset
Keys	12 keypad keys (0..9, *, #) with text mode support	On- and off-hook: 2 separate keys
	4 function keys for speed dialling and menu shortcuts	Power on/off key combined with off-hook key
	Recall (enquiry) key combined with on-hook 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) (AP400)	Triple frequency band	
	Storage of configuration and subscription data personal phone book and caller filter	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 setting	
Menu	Easy menu programming	
Messaging	Messaging (LRMS) support	Message broadcast support
	Priority messaging support: Normal, urgent and emergency	Set-up of voice call to call back number in message
	Message waiting (voicemail)	
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	Backup of local data via memory card (AP400)
	Software upgrading via USB-C interface	
User data	Internal memory to store configuration data, personal phone book, messages, caller log, caller filter and calendar entries	Optional memory card (AP400)
User interface	Icon driven menu	Status line indicators in the display
	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 (AP400)
	Ringer tones/melodies: 20/6 (AP400/AP500)	Audible indicators are user selectable
	Selectable display background	

1) Features depend on the capabilities of the PBX and the DECT system used

PHYSICAL CHARACTERISTICS G577(H)

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 [2]	
	Outdoor: 300 m max [3]	
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) [3]	
	Input: 100-240VAC/50/60Hz/125mA	
	Output: 5VDC/900mA	
	Charger rack (multi region mains plug, 5 mm DC plug)	
Colour and finishing	G577 handset: Black	G577h handset: White
	Desktop charger: Black	Charger rack: Black
Audible indicators	Key click	Charger warning
	Coverage warning	Confirmation tone
Status display line indicators	Battery condition	Message waiting
	Caller filter active	Microphone mute
	Field strength	Missed call
	Key lock active	Ringer off
	Loudspeaker active	
LED indicators	Indicators can be assigned to the indicator LED:	
	Battery low	Text or voice message
	Missed call	Voice message
	Text message	Silent charging
Supported menu languages	Danish, Dutch, English, French, German, Greek, Italian, Norwegian, Polish, Portuguese, Russian, Spanish, Swedish, Turkish	

2) Radio coverage depends on environment and presence of obstacles
3) The main plug contains a changeable part for the different power plugs

ACCESSORIES

G577 handset accessories	Swivel belt clip attachment and swivel belt clip
	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

TRANSMISSION & FREQUENCY

Transmitted radio RF power	Less than 250 mW [5]
Average Radio RF power	10 mW
Frequency band EMEA	1880 – 1900 MHz
Frequency band Thailand [5]	1900 – 1906 MHz
Frequency band Latin America [5]	1910 – 1930 MHz
Frequency band North America [5]	1920 – 1930 MHz

5) The transmitted Radio RF power is according to local regulations
5) 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	Operating: -15°C to +55°C
	Charging: +5°C to +45°C
	Transport: -30°C to +60°C
	Storage: -20°C to +60°C
Relative Humidity	Operating: 10 to 93%
	Transport: 10 to 95%
	Storage: 10 to 93%

COMPLIANCE

EMC	EN 301 489-1, EN 301 489-6, EN 301 489-17
SAR	EN 50663, EN 62479
RF	EN 300 328, EN 301 406
EMI	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	SL Series, SV9xxx, 3C, IFV
	Certified SIP enabled PBXs or SIP server

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)

DECT HANDSET G577(H)





USB-C to 3.5 mm conversion cable



Charger rack (6 handsets) with AC adapter

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.



G577h
Desktop Charger
with adapter

PACKAGE CONTENT

G577 package content	G577 handset with belt clip
	Lithium-ion battery pack

G577H ANTIBACTERIAL CHARACTERISTICS

Plastic parts	BactiBlock®: 920 B0
Clip rubber grip	SteriTouch®: ST10210
Rubber parts	SteriTouch®: ST1012
Lens coating	SteriTouch®: ST1007

G577/G577H RESISTANCE TO CLEANING LIQUIDS

Liquids	99% concentration of isopropyl alcohol
	Undiluted dishwasher detergent
	3% Hydrochloric Acid
	M-alcohol (85% methylated ethanol
	60% Chlorhexidin 0.5mg/ml

COMTEL International
Marathon 2, 3rd Floor
1213 PH Hilversum, The Netherlands
E-mail info@comtelinternational.com
comtelinternational.com

COMTEL International

© Copyright 2026. All Rights Reserved.