VOICE DECT

COMTEL

HANDSET
VOICE I766

ROBUST DECT HANDSET FOR VOICE AND MESSAGING IN DEMANDING ENVIRONMENTS



The I766 DECT handset with its ruggedized design is ideal for the most demanding environments such as in healthcare, manufacturing and industry.

DECT HANDSET I766
AT A GLANCE

- Very sturdy, yet appealing design
- Large 2.4-inch, high resolution display
- High definition audio in line with CAT-iq incl. loudspeaking mode
- Top SOS button, man-down and pull cord alarm
- Vibrator
- Micro USB, MicroSD card (AP400)
- Bluetooth (also BTLE)
- Desk- and rack chargers
- RTLS (Real-Time Location System) via DECT signal strength and beacons
- IP65 dust and water protection
- I766Ex model for use in potentially explosive atmospheres

DECT HANDSET I766
MAIN FEATURES

- Provides many call control features seamlessly integrated with the PBX
- Any place accessibility, improving customer satisfaction, while users keep full control over their presence
- Valuable unified communications, including central directory access, presence and extensive messaging and alarming features
- Additional protection with the man-down function, SOS alarm key, pull cord and location detection
- Intuitive user interface with color display and icon-based menus
- Dual- and rack chargers; also charging additional batteries
- Bluetooth headset connectivity provides freedom, comfort and flexibility
- DECT compliance for high quality speech and security
- High definition I766 audio in line with CAT-iq
- Dedicated model I766Ex for ATEX / IECEx environments
- DECT based on GAP standard, DECT 6.0



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FEATURES I766		
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 (inquiry)	Talk time up to 16 hours
	Standby time up to 160 hours	
Design	Robust design for professional and industrial environments	Ambient noise reduction
		Dust and water resistance: IP65
	LED indication (4 colours) for e.g. missed call and MWI	HAC compliant
Directory	Corporate directory	Personal phone book with multiple numbers per contact
Display	Color graphic 2.4" TFT display, 240 × 320 px(256K) compliant	Date & time indication: synchronized with PBX clock
	Illuminate display: on incoming calls and message	Character set: WideChar (UTF160)
	Power saving mode: display dim lit or completely off	LCD Backlit
Headset	Wired headset support (3.5 mm) 2)	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
	Key lock key	
Localization	Supported languages: 14	Multiple (RF) power levels
	Triple frequency band	
Memory card (optional) (AP400)	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	Optional RFID module (DLA) for location detection 2)
	Man-down: detection of non-vertical position triggers dialing a programmed destination or sending an alarm message	Accessory features: Calculator, stopwatch and alarm clock
		Pull cord for personal safety support
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 (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 (AP400/AP500)	Audible indicators are user selectable
	Selectable display background	

1) Features depend on the capabilities of the voice server and the DECT system used 2) Needs to be supported by the DECT systema

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PHYSICAL CHARACTERISTICS I766

Dimensions	Handset: 145 x 55 x 24 mm	
	Charger: 77 x 77 x 61 mm	
	Charger Rack: 462 x 77 x 61 mm	
Weight	Handset: 181 g	
	Charger: 78 g	
	AC Adapter: 25 g	
Protection	Handset: IP65	
Range	Indoor: 50 m max [3]	
	Outdoor: 300 m max [4]	
Power Supply	Handset: 3.7V, 1100mAh Lithium-ion battery	
	Chargers - (EU mains plug, USB output / multi-region mains plug, USB output) 6): - Input: 100-240VAC/50/60Hz/250mA - Output: 5VDC/1000mA	
	Charger rack (multi region mains plug, 5 mm DC plug)	
Color and finishing	Handset: Black/Grey Charger rack: Black	Desktop charger: 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	Bluetooth
	Charging	Text message
	Silent Charging	Text or voice message
	Missed call	Voice message
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 main plug contains a changeable part for the different power plugs

ACCESSORIES

I766 handset accessories	Swivel Belt Clip Set
	Spring Belt Clip Set
	Battery pack
	Desktop Charger with adapter
	Charger rack (6 handsets) with AC
	Adapter Bluetooth headset
	Wired headset

PACKAGE CONTENT

I766 package content	I766 with spring belt clip
	Pull cord
	Lithium-ion battery pack (1100 mA)

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 [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	Operating: -10°C to +55°C
	Transport: –40°C to +70°C
	Storage: –15°C to +55°C
Relative Humidity	Operating: 10 to 95%
	Transport: 10 to 100%
	Storage: 10 to 95%

COMPLIANCE

The I766 handset carries a CE mark (European directive 1999/5/EC)

EMC	EN 301 489-1, EN 301 489-6, EN 301 489-17
EMF	EN 50360
RF DECT	EN 301 406
RF Bluetooth	EN 300 328
Safety	EN 62368-1
SAR	EN 62209-1, EN 62209-2

COMPATIBILITY

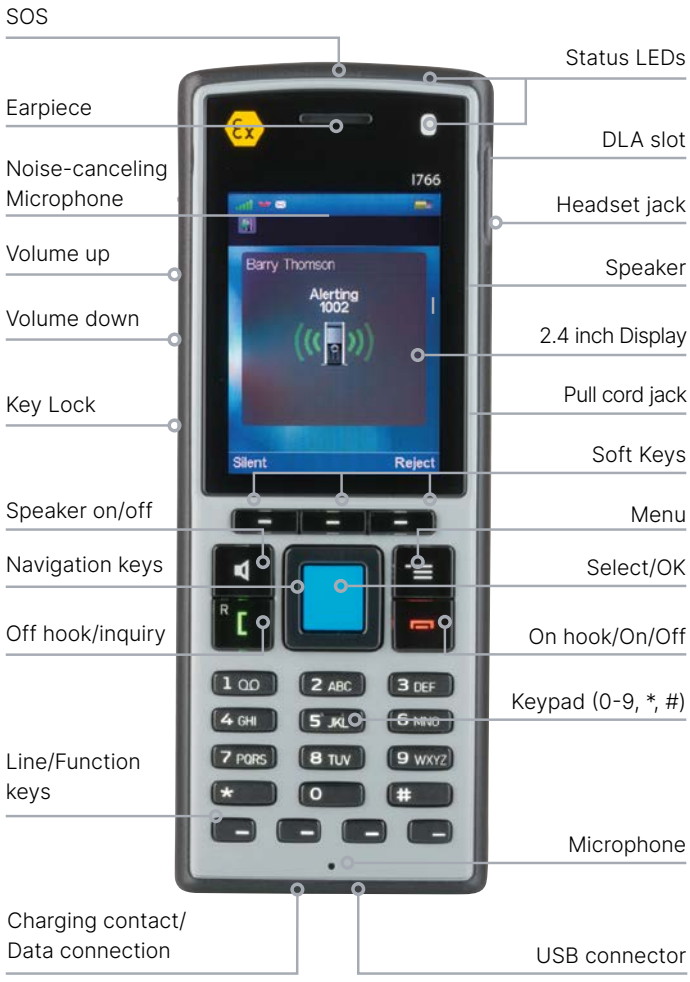
Platform Compatibility	SL Series, SV9xxx, 3C, IFV
	Certified SIP enabled PBXs or SIP server

DIRECTIVES & REGULATIONS

European Union	Directive 2014/53/EU
	EMC directive 2014/30/EU
	LVD directive 2014/35/EU
	ROHS directive 2011/65/EU
	WEEE directive 2012/19/EU
	ERP directive 2009/125/EC
USA and Canada	FCC part 15C, 15D
	RSS 210, RSS 213
	HAC/VC

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