

DECT model I600

Wireless industrial handset



Key features

- Robust design
- Dust- and waterproof (IP54)
- Graphical illuminated display
- SOS key
- Man-down alarm
- Text messaging (LRMS)
- Headset for hands-free operation
- Built-in vibrating alert
- Multiple menu languages
- Memory card for subscription and personal data
- Multiple DECT network subscriptions (manual or auto selection)
- GAP-compliant
- Wide variety of accessories



The I600 DECT handset and accessories are part of our Business Mobility wireless communications solution.

The robust handset is designed for potentially harsh environments, such as healthcare, manufacturing, retail and warehousing. It is dust- and waterproof and will keep working with you throughout the day.

The dedicated SOS button and man-down function (based on non-vertical positioning) provide users with personal security. Text messages can be received from a wide variety of sources, such as nurse call and alarming systems.

Advanced call-logging features enable incoming calls to be managed efficiently, without losing a single call.

For easy service, the handset features a removable memory card, which stores user data and settings, as well as subscription data. This means that a handset can be replaced without re-subscribing or reprogramming.

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The handset comes with a wide variety of accessories, such as different charging options, to accommodate the specific needs of your organisation.

Accessories

Belt clip

A belt clip makes the handset easy to carry and easily accessible. The handset can be used with or without the clip, which is pre-mounted on the handset.



Headset

The comfortable headset has a noise-cancelling microphone and provides multiple wearing options. The line cord includes an integrated hook switch for easy operation. In-ear ringing and auto answer features are available when the headset is connected.



Leather pouch

The leather cover protects the handset in high-wear environments, such as factories, warehouses, etc. It has an integrated belt clip and a transparent plastic protection foil over the keys and display.

Desktop charger

The standard desktop charger has an elegant design and charges handsets only.



Desktop charger plus

The desktop charger plus can be used to charge a spare battery pack, in addition to the handset.

Charger rack

The charger rack enables up to eight handsets to be charged simultaneously. It is suitable for tabletop usage or wall mounting and can also charge spare batteries, in addition to handsets.

I600 memory card tool and application

These allow users to easily back up and edit data stored on the handset's memory card. The tool is a small USB device in which the memory card can be placed. The application provides users with access to stored data, such as the personal phone book, via a PC.

Expert Services

The I600 is fully supported by our Expert Services. This extensive portfolio of services provides the insight and support needed to get the most out of equipment and applications. The services offered comprise advice, design, customisation, integration, training, maintenance, continuous optimisation and Business Partner services.

Technical data

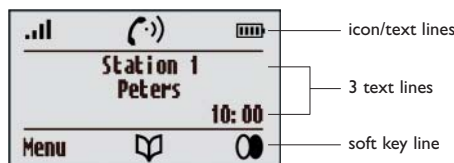
Handset features

- Adjustable earpiece, loudspeaker and headset volume (8 settings)
- Adjustable ringer volume (8 settings)
- Alarm (watch) function
- Alphanumeric messaging (LRMS)
- Auto answer
- Automatic encryption for secure calls
- Built-in vibrator for silent alert
- Call-duration display
- Caller log (last 30 calls answered, missed, rejected or filtered, including date/time stamp)
- Call-reject option
- CLI (name & number) support
- Crystal-clear voice quality and seam-less handover
- Date and time display
- Date/time stamp on logged calls and received messages
- Dust- and waterproof
- Easy menu programming
- External handover support
- Headset connection with hook switch in cable (standard 2.5 mm plug)
- Illuminated display
- Incoming call filter (10 numbers)
- Incoming call management
- Keypad lock
- Last number redial (30 numbers)
- Light, slimline, ergonomic design

- Loudspeaker mode for hands-free operation (with indicator)
- Man-down detection, based on non-vertical positioning
- Memory card to store user data and subscription
- Microphone mute
- Multiple menu languages (12)
- Multiple subscriptions (10) with automatic/manual selection
- Personal phone book (100 entries of 16 characters and 32 digits)
- Pre-dial number preparation/correction
- Quick call (9 numbers)
- Recall/hold (PBX enquiry)
- Ringer melodies (30) with individual melodies for all alerts
- Silent charging
- SOS key
- Stand-by time: up to 100 hours
- Talking time: up to 7 hours

LCD display

The graphical LCD features a single icon (head) line and four text lines of 16 characters.



The icon line indicates

- Field strength
- Battery condition
- Off hook
- (Voice) Message waiting
- Alphanumeric message
- Loudspeaker
- Ringer off
- Microphone mute
- Alarm activated

Other information displayed:

- Subscribed system
- User name
- Time
- Incoming call with name/number
- Missed call

Keys

The handset has 18 keys:

- 12-key pad (0-9, * and #)
- 2 soft keys
- 4 fixed-function keys:
 - SOS
 - R/Loudspeaker
 - Up/Down/Clear
 - Hook

Most keys have a double function, which can be accessed via a long key press.

Menu languages

The I600 supports 12 menu languages: Czech, Danish, Dutch, English, Finnish, French, German, Italian, Norwegian, Portuguese, Spanish and Swedish.

Alphanumeric messaging

Text messaging is possible between handsets and in combination with PBX applications. Messages can be received at any time, except when a handset is turned off, out of reach or silent charging.

Functions and messaging options:

- Send/receive messages (160 characters)*
- Type: normal/urgent/emergency
- Storage of 10 messages with status indication and date/time stamp

Man-down and SOS alarm

The options menu provides the opportunity to programme a number that is automatically dialled after an alarm has been activated.

In the case of a man-down situation, the alarm is activated after the handset's position changes from upright to horizontal for a predetermined length of time. An SOS alarm is activated after the user presses the SOS key.

A message can also be programmed ready to be sent on a man-down or an SOS activation. Following alarm activation, either a message call or a standard voice call is initiated to the programmed number. To reduce the need for user action, the handset automatically goes to off-hook mode.

Visible indicators

The display illuminates upon receipt of incoming calls and messages.

Audible indicators

In addition to the visible indicator and ringer tones, the handset features a number of user-selectable audible indicators:

- Key click
- Coverage warning
- Battery (low) alarm
- Confirmation tones
- Alarm time reached

Note:

* PBX SW release dependent

Power supply

- Handset: a NiMH (2.4VDC/ 650mAh) battery pack
- Desktop charger: powered through the separate I600 AC adapter
 - input: 230VAC/50Hz/30mA
 - output: 5.5VDC/250mA
 - mains plug: Euro or UK
- Desktop charger plus: powered through the separate I600 AC adapter plus
 - input: 230VAC/50Hz/80mA
 - output: 6.5VDC/620mA
 - mains plug: Euro or UK
- Charger rack: powered through the separate AC adapter for charger rack
 - input: 100-240VAC/47-63Hz/ 700mA
 - output: 7.5VDC/3300mA
 - mains plug: Euro or UK

Compliance

All I600 handsets carry a CE mark and comply with:

- EMC: EN301 489-1, EN 301 489-6
- EMF: EN50360
- Radio: EN301 406
- Telecom: TBR10
- Safety: EN60950-1

Physical characteristics

Dimensions (hxwxh/hxø):

- Handset: 138 x 47 x 21 mm
 - packaging: 171 x 56 x 36 mm
- Desktop charger: 55 x 80 mm
 - packaging: 57 x 84 x 84 mm
- Desktop charger plus: 77 x 80 mm
 - packaging: 79 x 84 x 84 mm
- Charger rack: 130 x 670 x 84 mm
 - packaging: 135 x 690 x 222 mm

Weight:

- Handset: 110 g
- Desktop charger: 36 g
- Desktop charger plus: 65 g
- Charger rack: 3500 g

Dust- and waterproof:

- Handset: IP54 classified casing

Radio RF power:

- <250 mW

Range:

- Indoor: 50 m max.**
- Outdoor: 300 m max.**

Colour and finishing:

- Handset: black/silver
- Desktop charger: black; non-gloss
- Desktop charger plus: black; non-gloss
- Charger rack: black; non-gloss

Environmental conditions

- Temperature range (handset, desktop charger and rack charger):
 - operating: -10° C to +45° C
 - transport: -25° C to +70° C
 - storage: -25° C to +55° C
- Relative humidity (handset, desktop charger and rack charger):
 - operating: 10% to 95%
 - transport: 10% to 100%
 - storage: 10% to 95%
- The equipment is in compliance with the requirements of EU directive 2002/95/EC (RoHS) and 2002/96/EC (WEEE)

Package contents

Each handset package contains:

- I600 handset
- Memory card
- Battery pack
- Belt clip
- Quick reference guide

Note:

** The range of DECT telephones depends on the environment and the presence of obstacles

For further information please contact your local NEC Philips office or:

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