

## Specifications

# I755 DECT Handset



Robust handset for voice and messaging in demanding environments.

The DECT handset I755 is designed for use in potentially demanding environments, such as healthcare, manufacturing, retail and warehousing.

### Physical characteristics

Dimensions	
Handset	127x46x22 mm
Charger	93x80x70 mm
Charger Rack	545x108x85 mm
Weight	
Handset	120 g
Charger	137g
AC Adaptor	94 g
Protection	
Handset	IP54
Range	
Indoor	50 m max <sup>1)</sup>
Outdoor	300 m max <sup>1)</sup>
Power Supply	
Handset	3.7V, 650mAh Lithium-ion battery
Charger	Powered via AC/DC adapter
● Input	100-240VAC/50/60Hz/250mA
● Output	12VDC/400mA
● Mains plug	Euro, UK, North America or Australia <sup>2)</sup>
Charger rack	Powered via AC/DC adapter
● Input	100-240VAC/50/60Hz/500 mA
● Output	12 VDC/2500mA
● Mains plug	Euro, UK, North America or Australia <sup>2)</sup>

#### Audible indicators

The following selectable audible indicators are available:

- Key click
- Coverage warning
- Charger warning
- Battery low alarm
- Confirmation tone

#### Status line indicators

User selectable status line indicators in the display are:

- Battery condition
- Caller filter active
- Field strength
- Key lock active
- Loudspeaker active
- Message waiting
- Microphone mute
- Missed Call
- Ringer off

#### LED indicators

Three of the following user selectable indicators can be assigned to the tricolour indicator LED:

- Battery low
- Man down
- Misses call
- Text message
- Text or voice message
- Voice message

#### Supported menu languages

The handset supports 14 selectable languages: Danish, Dutch, English, French, German, Greek, Italian, Norwegian, Polish, Portuguese, Russian, Spanish, Swedish, Turkish

#### Colour and finishing

Handset:

- Light grey with dark grey protective rim

Desktop charger and charger rack:

- Light grey (front) and dark grey (back)

<sup>1)</sup> The radio coverage of DECT handsets depend on the environment and presence of obstacles.  
<sup>2)</sup> The mains plug contains a changeable part for the different power plugs

## Technical data

### Memory

Storage capacity for:	● 10 caller filter entries
● 200 personal phone book entries	● 100 calendar entries
● 80 message entries	● 50 caller list entries

The capacity of the internal memory is based on shared memory, where the amount of entries on one item may affect the capacity on other items. The memory card however is based on absolute capacity for each item

## Handset package content

### 1755 package contents

- 1755 handset with belt clip
- Lithium-ion battery pack
- Belt clip cover

## Handset accessories

### 1755 handset accessories

- Belt clip
- Horizontal pouch (fixed belt-clip, handset needs to be removed when used)
- Vertical pouch (swivel belt-clip, handset can be used while in pouch)
- Memory card
- Battery pack
- Desktop Charger
- Charger rack (6 handsets) with AC Adapter
- Bluetooth module

## Environmental conditions

Temperature Range	
Operating	0°C to +40°C
Transport	-25°C to +70°C
Storage	-5°C to +45°C
Relative Humidity	
Operating	10 to 95%
Transport	10 to 100%
Storage	10 to 95%

## Compliance

### Compliance handset 1755

The 1755 handset carries a CE mark (European directive 93/68/EEC)

EMC	EN301 489-1, EN301 489-6
EMF:	EN50360
DECT:	EN301 406, EN300 175 EN 300 444
Safety:	EN 60950-1

### Compliance Bluetooth module

When equipped with an optional Bluetooth module, the 1755 is in conformance with

EMC	EN301 489-1, EN301 489-17
EMF:	EN50371
DECT:	EN300-328

## Directives and regulations

### Directives and regulations Europe

- R&TTE directive 1999/5/EC
- EMC directive 2004/108/EC
- LVD directive 2006/95/EC
- ROHS directive 2002/95/EC and WEE directive 2002/96/EC

### Directives and regulations North America

- FCC part 15C, 15D
- RSS 210, RSS213
- HAC/VC

## Transmission

### Transmission and frequency

Transmitted Radio RF power:	Less than 250 mW <sup>3)</sup>
Average Radio RF power	10mW
Frequency band EMEA:	1880 - 1900 MHz
Frequency band China:	1900 - 1920 MHz
Frequency band: <sup>4)</sup>	
• Latin America	1910 - 1930 MHz
• North America	1910 - 1930 MHz

<sup>3)</sup> The 1755 handset supports 4 power levels: less than 250 mW, less than 100 mW, less than 50 mW and less than 25 mW. Selection of the appropriate power level is dependent on the power level indication given by the DECT system.  
<sup>4)</sup> The 1755 handset has a triple frequency band and can be used in the EMEA, American and Chinese DECT frequency band. The North American frequency band has a lower RF power transmission of less than 120 mW.



UNIVERGE®360 is NEC's approach to unifying business communications. It places people at the centre of communications and delivers on an organisation's needs by uniting infrastructure, communications and business.

For more information, visit [www.nec.com.au](http://www.nec.com.au), email [contactus@nec.com.au](mailto:contactus@nec.com.au) or call 131 632

**Oceania (Australia)**  
 NEC Australia Pty Ltd  
[www.nec.com.au](http://www.nec.com.au)

**Corporate Headquarters (Japan)**  
 NEC Corporation  
[www.nec.com](http://www.nec.com)

**North America (USA)**  
 NEC Corporation of America  
[www.necam.com](http://www.necam.com)

**Asia**  
 NEC Corporation  
[www.nec.com](http://www.nec.com)

**Europe (EMEA)**  
 NEC Philips Unified Solutions  
[www.nec-philips.com](http://www.nec-philips.com)

**About NEC Australia Pty Ltd.** NEC Australia is a leading supplier and integrator of ICT solutions to carriers, government and businesses. With over 800 staff and over 200 partner organisations, we research, develop and deploy advanced IT/Network communication solutions and services using best-of-breed technologies in multi-vendor environments. Our business encompasses Hosted Application and Network Services, Systems Integration, IP Communications Servers, PBX, Broadband Access Systems, Data Centre and Cloud Technology Services along with Digital Signage and Data Technology products.

1755 DECT Handset | v. 19.04.2010

NEC Australia Pty Ltd reserves the right to change product specifications, functions, or features, at any time, without notice. Please refer to your local NEC representatives for further details. Although all efforts have been made to ensure that the contents are correct, NEC shall not be liable for any direct, indirect, consequential or incidental damages resulting from the use of the equipment, manual or any related materials. The information contained herein is the property of NEC Australia Pty Ltd and shall not be reproduced without prior written approval from NEC Australia Pty Ltd.

Copyright© 2010 NEC Australia Pty Ltd. All rights reserved. NEC, NEC logo, and UNIVERGE are trademarks or registered trademarks of NEC Corporation that may be registered in Japan and other jurisdictions. All other trademarks are the property of their respective owners. All rights reserved. Printed in Australia. Note: This disclaimer also applies to all related documents previously published.