

# RTX

WIRELESS WISDOM



## RTX8160

IP65 HANDSET WITH 2.4"

### Main Handset Features:

- IP65 DECT Handset
- HD-Voice (CAT-IQ)/HAC Compliant
- Bluetooth 4.0 (BTLE)
- Alarm Key on top of handset.
- Man Down Alarm
- Pull Cord Alarm
- 2 Microphones (ambient noise reduction)
- Wideband Speakerphone
- DECT Messaging
- Vibrator
- uSDHC memory card.

### Box Content:

- Handset unit x 1
- Battery x 1
- User Manual x 1
- Belt clip set x 1

Wireless

# TECHNICAL SPECIFICATIONS

## DECT

- Frequency bands:
  - 1880 – 1900MHz (EU)
  - 1910 – 1930MHz (LATAM)
  - 1920 – 1930MHz (US)
- Power levels: 4(14,17,20,24dBm)
- Two antennas with fast diversity
- Range:
  - In-door: 50m
  - Out-door: 300m
- Seamless Handover

## BLUETOOTH

- 2.4GHz ISM
- Protocol: Bluetooth 3.0 + EDR + BLE (BT 4.0)
- Profiles supported: HSP (Headset) profile 1.2 (NB) HFP (Handsfree) profile V1.6 (NB)

## DISPLAY

- 2.4"
- 240 x 320 pixels
- 3 colour MWI LED

## KEYPAD

- 27 keys
- 3 Soft keys (left, middle and right)
- 5 Navigation keys (left, right, up, down, OK)
- Off-hook key and End call key
- Speakerphone key
- Menu key
- 2 side keys (volume up, down, mute/SOS)
- 1 top alarm key

## AUDIO

- G722 codec for HD audio
- G726 codec for standard audio
- HD audio speakerphone
- HAC compliant
- Dual microphone to reduce ambient noise

## RINGER

- 6 ringer melodies, 6 levels
- Silent ringer (vibrator mode)
- Volume control
- Alerting volume, adjustable (low battery, low coverage)
- Loud ringer, 100dBspl

## CALL FEATURES

- Speed dial option
- Voice mail configuration
- Handsfree activation
- Call waiting
- Hold / Retrieve
- Call deflection
- Call Transfer, Blind
- Call Transfer, Attended
- Number of simul calls
- Multi line
- Call Swap
- Easy Redial

## MESSAGING

- Handset-to-Handset text
- Storage capacity
- Message capacity
- Message length
- Icon / LED indication

## POWER PERFORMANCE

- Talk time (NB): 17 hours
- Talk time (WB): 9 hours
- Standby time: Min. 160 hours
- Charge time: 6 Hours

## ALARM FEATURES

- Shock – No Movement – Man Down
- Pull cord
- Alarm button

## ENVIRONMENTAL CONDITIONS

- Operating conditions: -10-55 degrees

## RELIABILITY SPEC

- Impact test: 1000 times according to IEC 60068-2-32.
- IMD keypad for 100 RCA

## IP RATING

- IP6x certification
- IPx5 certification

## APPROVALS:

### Description

#### • SAFETY

- EN60950-1:2006+A11:2009+A1:2010 +A12:2011+A2:2013 report
- IEC60950-1:2005(2nd Ed)+A1:2009 test and report (include deviation of USA/CA, NZ/AU, EU Israel, Korea, Belarus, Switzerland, Japan, Ukraine, China)
- 60950-1:2006+A2:2013 /IEC62133 battery approval.

#### • CB certificate

#### • US

- Nemo as NRTL

#### • EUROPE

- EMC : EN301489-1-1 V1.9.2 / EN301489-6 V1.3.1 + Additional ABT
- SAR : EN/IEC 62209-1/-2
- RF : EN301406 V2.1.1 + E2 Class
- Acoustic shock EG 202 518 ETS 300

#### • AUSTRALIA

- EMC (CISPR 22)
- AS/ACIF S004
- AS/ACIF S040
- SAR EN/IEC 62209-1

#### • US / CA

- FCC Part 15B / 15D
- FCC ID certificate
- SAR OET 65 IEEE 1528
- FCC Part 68
- ACTA registration
- Acoustic shock UL60950-1 UL 1950
- CA RSS210
- CA RSS213
- CA IC certificate
- CA IC CS-03 (HAC)
- CA RSS-102 (SAR)
- CA IC REL registration
- CA IC TEL registration

## BLUETOOTH

- EMC : EN 301489-17 V2.2.1
- RF : EN 300 328 V1.9.1 Radio 2.4GHz
- AU RF AS/NZ S4268
- US FCC Part 15C for BT
- CA RSS-210 Annex8 Radio 2.4GHz