

RTX



RTX8160

IP65 HANDSET WITH 2.4"

PRODUCT SHEET

The RTX8160 is a ruggedized IP65 DECT Handset with Bluetooth.

RTX8160 HANDSET

FEATURES

- IP65 DECT Handset
- HD-Voice (CAT-IQ)/HAC Compliant
- Bluetooth 5.1 (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 x1
- Battery x1
- User Manual x1
- Belt clip set x1



Figure 1: RTX8160 Handset

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

- Bluetooth 5.1
- 2.4GHz ISM
- Profiles supported
 - HSP (Headset) profile V1.2
 - HFP (Handsfree) profile V1.8
- Encryption: 128-Bit

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

TECHNICAL SPECIFICATIONS

RINGER	<ul style="list-style-type: none">• 6 ringer melodies, 6 levels• Silent ringer (vibrator mode)• Volume control• Alerting volume, adjustable (low battery, low coverage)• Loud ringer, 100dBspl
CALL FEATURES	<ul style="list-style-type: none">• Speed dial option• Voice mail configuration• Handsfree activation• Call waiting• Hold / Retrieve• Call deflection• Call Transfer, Blind• Call Transfer, Attended• Number of simultaneous calls• Multi line• Call Swap• Easy Redial
MESSAGING	<ul style="list-style-type: none">• Handset-to-Handset text• Storage capacity• Message capacity• Message length• Icon / LED indication
POWER PERFORMANCE	<ul style="list-style-type: none">• Talk time (NB): 17 hours• Talk time (WB): 9 hours• Standby time: Min. 160 hours• Charge time: 6 Hours
ENVIRONMENTAL CONDITIONS	<ul style="list-style-type: none">• Operating conditions: -10-55 degrees
RELIABILITY SPEC	<ul style="list-style-type: none">• Impact test: 1000 times according to IEC 60068-2-32.• IMD keypad for 100 RCA
IP RATING	<ul style="list-style-type: none">• P6x certification• IPx5 certification
ALARM FEATURES	<ul style="list-style-type: none">• Shock – No Movement – Man Down• Pull cord• Alarm button
APPROVALS	<p>DESCRIPTION</p> <ul style="list-style-type: none">• Safety:<ul style="list-style-type: none">- 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<ul style="list-style-type: none">- Nemo as NRTL• EUROPE<ul style="list-style-type: none">- 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<ul style="list-style-type: none">- EMC (CISPR 22)- AS/ACIF S004- AS/ACIF S040- SAR EN/IEC 62209-1• US / CA<ul style="list-style-type: none">- 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