

RTX

WIRELESS WISDOM

RTX8120 DECT HS



RTX8120

MID END HANDSET WITH 2" TFT

The **RTX8120** Mid-end handset with a clear 2" TFT screen and HD-Voice.

With messaging and 17 hours talk time the mid end handset solves daily business needs.

Wireless

Main Handset Features:

- 176x220 TFT colour display (2") with graphical user interface
- HD-Voice (CAT-iq)/HAC compliant
- Wideband Two-way speaker phone
- Messaging with Message Waiting Indication
- Software upgrade over the air interface (1)
- Vibrator
- 3.5mm Headset Jack
- Two antenna/diversity
- 1100mAh Li-ion Battery (17 hours talk/200 standby)
- uSDHC memory card
- Optional Bluetooth

Box Content:

- Handset unit x 1
- Battery x 1
- User Manual x 1



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

DISPLAY

- 2" TFT
- 176 x 220 pixels
- 3 colour MWI LED

KEYPAD

- 31 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
- 3 side keys (volume up, down, mute/SOS)
- 4 functional keys with individual LED

AUDIO

- G722 codec for HD audio
- G726 codec for standard audio
- HD audio speakerphone
- HAC compliant (TIA-1083)

HEADSET OPTIONS

- 3.5mm, iPhone pin compatible

RINGER

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

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

LANGUAGES

- Support for 12 languages

POWER PERFORMANCE

- Talk time (NB): 17 hours
- Talk time (WB): 12 hours
- Standby time: 200 hours
- Charge time (0% - 90%)
Max. 5 hours

ENVIRONMENTAL CONDITIONS

- IP40 housing
- Operating conditions: 0-45 degrees

RELIABILITY SPEC

- Drop height: 1.6m x 2 + 1.2m x 2 on wooden floor
- Keypad lifetime: 100.000 presses
- Keypad abrasion: 50 RCA cycles

APPROVALS

- US and CA
 - UL 60950-1 and CSA 60950-1
 - FCC Part 15D and IC RSS-213 and ICES-003
 - FCC Part 68 and CS-03
- EU
 - IEC/EN 60950-1
 - EN 301489-1/-6
 - EN 301 406
- AU
 - AS/NZS 60950-1
 - AS/ACIF S004
 - AS/ACIF S040
 - AS/NZS CISPR22

SECURITY

- Automatic encryption for secure calls

MAINTENANCE

- Software upgrade via DECT air interface (1)
- Software upgrade via headset connector

OPTIONAL

- Micro SD Memory Card (for extended phonebook)
- Bluetooth Interface (4.0)

ACCESSORIES

- Rack Charger
- Leather pouch
- Belt clip set
- Dual Charger
- WW AC Adapter

note (1): requires integration with PBX