



RTX8631
RUGGEDIZED HANDSET
PRODUCT SHEET

Black Handset with Bluetooth 4.1 with 1A USB Charge for office use.

RTX8631 RUGGEDIZED HANDSET

FEATURES

HANDSET

- Ruggedized design
- HD audio support (G.722)
- 2" TFT display, 240x320
- Dedicated Alarm key on handset top
- Bluetooth LE interface (for positioning)
- Firmware upgradable over-the-air
- Single SKU for WorldWide deployment
- Noise Reduction

CHARGER

- 1A USB Charger



Figure 1: RTX8631 handset in charger

TECHNICAL SPECIFICATIONS

AUDIO

- G722 codec for HD audio
- G726 codec for narrow band audio
- HD audio speakerphone
- HAC compliant
- Speakers insensitive to metal swarf
- Noise Reduction

DISPLAY

- 2" 240 x 320 pixels 64k TFT display
- 3 colour MWI LED
- min. 20 languages supported

KEYPAD

- 28 keys total including 5-way navi-key
- 3 soft keys, 3 side keys
- 1 alarm key on top
- ON- and OFF-hook keys

HEADSET OPTIONS

- 3.5mm wired headset
- Bluetooth

RINGER

- 20 polyphonic melodies, 6 levels
- Volume control, Silent ringer
- Alerting volume, adjustable (low battery, low coverage)
- Vibrator

TECHNICAL SPECIFICATIONS

DECT

- Frequency bands:
 - 1880 - 1900MHz (EU)
 - 1910 - 1930MHz (LATAM)
 - 1910 - 1920MHz (Brazil)
 - 1920 - 1930MHz (US)
- Range:
 - Indoor: 50m
 - Out-door: 300m
- Power levels: 4
- Two antennas, fast diversity
- Encryption supported
- 10 system registrations

CALL FEATURES

- Call list with 50 entries (All, received, outgoing, missed)
- Speed dial
- Central phonebook support (multiple LDAP server)
- Local phonebook with 250 entries (3 numbers/name)
- Date and time in Idle display
- DND and CFx enable/disable from handset
- Call waiting indication
- Conference call, Call Swap support

MESSAGING

- SMS messaging, max length 200 chars
- Alarm generation from key
- Alarms list with colors
- Storage: 35000 chars shared between SMS and Alarms

SIZE AND WEIGHT

- Size: 118 x 46 x 21mm (H x W x D)
- Weight: 86g

POWER PERFORMANCE

- Talk time: 17h(NB), 12h(WB)
- Standby time: 200 hours
- Battery type: Lith Ion Charging
- Cradle charging time: 6 hours
- Adaptor plugs: EU/US/AUS/UK
- Charging conditions: +5 to 45

ENVIRONMENTAL CONDITIONS

- IP50 at LCD area
- Shock proof
- Enhanced ESD: 8kV contact and 16 kV air
- Operating conditions: -10 to 55 degrees

RELIABILITY SPEC

- Drop height: 2m on concrete floor
- Tumble test: 1000 x 0,5m
- Keypad lifetime: 200.000 presses
- Keypad abrasion: 75 RCA cycles

APPROVALS

- EU, US, CA and AUS

MILITARY STANDARD TESTS

- MIL-STD-810g 516.6 Procedure I Functional Shock
- MIL-STD-810g 516.6 Procedure IV Transit Drop

BOX CONTENT

- 1 RTX8631 handset
- 1 Lith-ion batteries
- 1 battery cover
- 1 beltclip
- 1 table charger
- 1 AC adaptor
- 1 Quick guide/Safety sheet