

**RTX**



**RTX HEADSET  
TRAVEL KIT**  
PRODUCT SHEET

The RTX Headset Travel Kit breaks down barriers, so you always stay linked to your calls and devices - at the office, on the go, or at home.

# STAY LINKED AND ALWAYS CONNECTED

Communication on the go has become increasingly important in today's fast-paced world where people need to stay connected and productive, even when they are away from their desks or offices. It enables people to work from home, collaborate with team members from different locations, and stay connected while traveling.

At RTX, we design, develop, and manufacture wireless IP telephony products and sub-systems used in communications systems for professional use. With over 25 years of DECT experience, we have gained the expertise to deliver products with outstanding audio quality and much wider range compared to other solutions in the market.

RTX Headset Travel Kit consists of our high-end wireless headset and RTX USB Dongle bundled nicely in a hard travel case for easy access and maximum protection. The headset supports both DECT and Bluetooth® and connects via the headset base station, USB dongle, DECT base stations, and Bluetooth®.

By choosing RTX as a ODM or OEM partner, you can tailor your products according to your needs, and you gain technologies that are field-tested and proven by professionals. Furthermore, it enables you to tap into the present and future RTX radio and audio technologies.



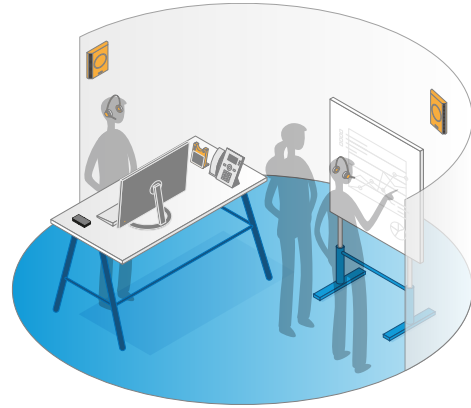
# ONE PRODUCT – MANY USER SCENARIOS

RTX Headset Travel Kit breaks down barriers and let you always stay linked to your calls and devices – at the office, on the go, or at home.

## AT THE OFFICE

At work, you can stay connected in several ways:

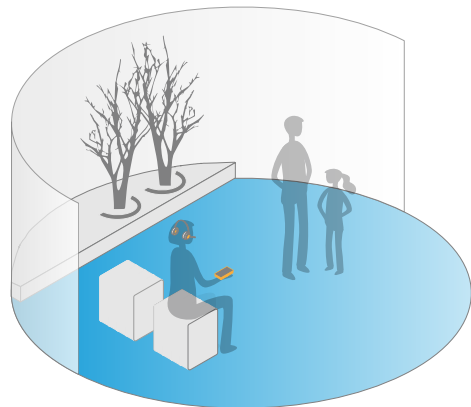
1. Headset connects with your desk phone via the headset base station.
2. Headset connects with your PC via the RTX USB dongle or via the headset base station.
3. Headset transfers calls seamlessly from the headset base station to the RTX DECT base stations.
4. Headset connects with your cell phone via Bluetooth®.



## ON THE GO

When you are on the move, you can stay connected in two ways:

1. Headset connects with your cell phone via Bluetooth®.
2. Headset connects with your PC via the RTX USB Dongle.



## AT HOME

When you are at home, you can stay connected in two ways:

1. Headset connects with your cell phone via Bluetooth®.
2. Headset connects with your PC via the RTX USB Dongle.



# TECHNICAL SPECIFICATIONS

## TRAVEL KIT PACKAGE

### RTX HEADSET TRAVEL KIT CONSISTS OF

- RTX7254 High-end headset (stereo ANC) incl. battery
- RTX3741 DECT Dongle
- Hard travel case
- USB cable
- Safety data sheet

## RTX7254 HIGH-END HEADSET (STEREO ANC)

### DECT

- Frequency band:
  - 1880 – 1895 MHz (Taiwan)
  - 1880 – 1900 MHz (EMEA)
  - 1910 – 1920 MHz (Brazil & Uruguay)
  - 1910 – 1930 MHz (LATAM, Argentina, Chile)
  - 1920 – 1930 MHz (USA, Canada)
- Output power:
  - 21 dBm (Uruguay, Canada, US, Malaysia, Jordan)
  - 22 dBm (Chile, Australia)
  - 24 dBm (Rest of the world)
- Sensitivity: -92 dBm
- Antenna: Two for fast antenna diversity
- Range (max): 200m outdoor
- Security: Class C
- Encryption: AES256
- Standard DECT interface
- Handover to VoIP multicell system

### AUDIO

- Narrowband audio: G.726, BV16
- Wideband audio (HD): G.722, BV32
- Music: 128 kbit/s CELT
- Coverage warning: On/Off

### LED INDICATOR

- Tri color status LED
- Visible on microphone boom tip

### HARDWARE FEATURES

- Battery: Lithium Polymer (replaceable)
- Battery capacity: 600 mA
- Microphones: Two for talk (ENC) and four for ANC
- Headset interface: USB to connect to the RTX7451 base
- USB-C charging terminals
- Operating conditions: 0°C to 45°C

### BATTERY PERFORMANCE

- Up to 20 hours talk time DECT
- Up to 10 hours talk time BT
- Up to 100 hours standby time (DECT only)
- 3 hours charge time (0% - 90%)
- Quick charge: 25% in 30 minutes
- Charge stop temperature:
  - Low temperature stop charge: 5°C
  - High temperature stop charger: 40°C

### LANGUAGE

- Voice prompts:
  - English
  - German
  - Danish

### CALL FEATURES

- Call waiting
- Hold / Retrieve
- Supports two simultaneous calls (only one on hold)
- Call conference
- Call swap

# TECHNICAL SPECIFICATIONS

## RTX7254 HIGH-END HEADSET (STEREO ANC)

### SOFTWARE UPDATE

- Downloadable via USB and base station
  - Wireless (DECT)
  - Headset placed in base station
- Air-interface
- PC tool

### BLUETOOTH

- Four pairings
- BT version: 5.1
- Frequency: 2401 MHz – 2480 MHz
- Sensitivity: Better than -92 dBm @ DH1, measured at antenna
- Output power: Class 2, 2,5mW (4dBm)
- Range: 10 meters in free line of sight measured outside
- Antenna: Return loss of < -5dB in the relevant frequency band
- Two simultaneous connections
- Profiles:
  - A2DP (1.2 Advanced Audio Distribution Profile)
  - HSP (1.2 Headset Profile)
  - HFP (1.6 Handsfree Profile)
  - DIP (1.3 Device ID Profile)
  - AVRCP (1.4 Audio/Video Remote Control Profile)
- Codec:
  - SBC (For stereo streaming of music)
  - mSBC (For wideband call)
- Class of device:
  - 0x200404 Headset device
  - 0x200418 Headphones
- Encryption: Default 128-bit encryption
- Pairing mode: Discoverable only by user request and limited time for 1 minute
- Automatic connect: An already paired Bluetooth® device will automatically connect to the headset

# TECHNICAL SPECIFICATIONS

## RTX3741 DECT DONGLE

<b>DIMENSIONS</b>	<ul style="list-style-type: none"><li>• 35mm (L) x 19mm (W)</li></ul>
<b>DECT</b>	<ul style="list-style-type: none"><li>• 1880 – 1895 MHz (Taiwan)</li><li>• 1880 – 1900 MHz (EMEA)</li><li>• 1910 – 1920 MHz (Brazil &amp; Uruguay)</li><li>• 1910 – 1930 MHz (LATAM, Argentina, Chile)</li><li>• 1920 – 1930 MHz (USA, Canada)</li></ul>
<b>AUDIO</b>	<ul style="list-style-type: none"><li>• G726, BV16, G722, BV32, CELT 128 kbit/s</li></ul>
<b>LED INDICATOR</b>	<ul style="list-style-type: none"><li>• Three LEDs</li></ul>
<b>HARDWARE FEATURES</b>	<ul style="list-style-type: none"><li>• Button for registration and reset</li><li>• Slider switch for switching between fixed part and portable part</li></ul>
<b>CALL FEATURES</b>	<ul style="list-style-type: none"><li>• Call waiting, hold/retrieve</li></ul>
<b>HEADSET SUPPORTED</b>	<ul style="list-style-type: none"><li>• RTX7251, RTX7252, RTX7254</li></ul>
<b>CONFERENCE SUPPORT</b>	<ul style="list-style-type: none"><li>• Up to four users</li></ul>
<b>CUSTOMER LOGO</b>	<ul style="list-style-type: none"><li>• Silk screen</li></ul>
<b>CALL INDICATION LED ON DONGLE</b>	<ul style="list-style-type: none"><li>• Yes</li></ul>
<b>DECT CONNECTION STATUS LED ON DONGLE</b>	<ul style="list-style-type: none"><li>• Yes</li></ul>
<b>CONFIGURABLE</b>	<ul style="list-style-type: none"><li>• Yes, via PC Tool</li></ul>
<b>FIRMWARE UPDATE SUPPORT</b>	<ul style="list-style-type: none"><li>• Yes, via PC Tool</li></ul>
<b>USB CONNECTOR</b>	<ul style="list-style-type: none"><li>• Type A</li></ul>
<b>PC WINDOWS SUPPORT</b>	<ul style="list-style-type: none"><li>• Yes</li></ul>
<b>MACOS SUPPORT</b>	<ul style="list-style-type: none"><li>• Yes</li></ul>
<b>DECT AUDIO SUPPORT</b>	<ul style="list-style-type: none"><li>• Wide-band audio: CELT, G.722, BV32</li><li>• Narrow-band audio: G.726, BV16</li></ul>
<b>CALL CLIENT SUPPORT</b>	<ul style="list-style-type: none"><li>• Microsoft Teams: Yes</li><li>• Microsoft Skype for Business: Yes</li></ul>
<b>ADAPTIVE POWER CONTROL (DECT)</b>	<ul style="list-style-type: none"><li>• Yes</li></ul>