

# RTX

## DECT REPEATER

RTX4002, 4012, 4024\*

**NEW** \*(New With Wideband Audio)



*Wireless*

## Extend the range of your DECT Phone, Easy and Simple

### DECT REPEATER

A repeater can be deployed when a need to extend the range of a DECT telephone arises. The repeater can also be utilized wherever there is a need to increase limited coverage or improve reception in remote areas.

### STATE-OF-THE-ART REPEATER - IMPRESSIVE RANGE

- RTX is the world leading supplier of repeaters and an obvious choice as your future supplier.
- Technically superior at the best price on the market.
- Double the range of a DECT base station – or achieve up to 2.4 km range with the Professional edition.
- Possibility to register multiple repeaters.
- Superior audio quality – both narrow band and wide band.



## Key Features of the repeaters:

**RTX4002** – Standard DECT repeater

**RTX4002P** – Professional DECT repeater with repeater to repeater registration.

**RTX4012** – Professional DECT repeater with repeater to repeater registration and extended call capacity

**NEW**

**RTX4024\*** – Professional DECT repeater with extended call



### RTX4002 (Standard)

- Up to 6 repeaters per base station
- 2 simultaneous calls per repeater
- Automatic registration method
- 2 internal antennas

### RTX4002P (Professional)

- Repeater to repeater registration (max. 3 repeaters in daisy chain).

### RTX4012 (Extended)

- Up to 6 repeaters per base station
- 5 simultaneous calls per repeater
- Automatic registration
- 2 internal antennas
- Repeater to repeater registration (max. 3 repeaters in daisy chain)

### RTX4024\* (Advanced)

- Up to 3 repeaters per base station
- Wide band audio
- DECT encryption
- Automatic registration
- Max. 3 repeaters in daisy chain

*\* it is a limitation of the RTX8660 base station, see base station specification*

## TECHNICAL SPECIFICATIONS DECT REPEATER

*Wireless*

### RTX4002

#### GENERAL FEATURES

- Worldwide DECT support
- Extending the DECT coverage
- Supports automatic handover of calls between cells
- Handling of 2 active calls simultaneously
- Up to 6 repeaters per base station
- Automatic registration method
- Environmental conditions: temp range, from -10°C to +50°C

#### DESIGN/SIZE

- Indoor cabinet
- Manual mounting kit
- Easily mounted on walls
- Size: 120(W) x 35(D) x 135(H)mm

#### FREQUENCY/COVERAGE

- Frequency bands coverage: EU/AU/NZ, US/CA, LATAM, TW
- Up to 50m indoor and 300m outdoor
- Receiver sensitivity: -92dBm
- 2 internal omni-directional antennas
- Support for external antennas using SMB connectors

#### POWER SUPPLY

- 230 VAC and 110 VAC versions available

#### LED INDICATOR

- Radio link quality indication

#### STANDARDS/APPROVALS

- The DECT repeater is designed in accordance with the Digital Enhanced Cordless Telecommunications (DECT) standard
- The DECT repeater is compliant with:
  - TBR6, TBR22 (Generic Access Profile, GAP)
  - ETS 300 700 - ETSI Wireless Relay Station Specification

### RTX4002P

#### ADDITIONAL FEATURES

- Repeater to repeater registration (max. 3 repeaters in daisy chain)
- Requires a PC tool which can be delivered by RTX

### RTX4012

#### ADDITIONAL FEATURES

- 12 slot support
- Repeater to repeater registration (max. 3 repeaters in daisy chain)
- Handling of 5 active narrow-band calls simultaneously
- Requires a PC tool which can be delivered by RTX

### RTX4024\*

#### ADDITIONAL FEATURES

- ADDITIONAL FEATURES
- 12 slot support
- Handling of 5 active narrow-band calls simultaneously
- Handling of 2 active wide-band calls simultaneously
- DECT encryption