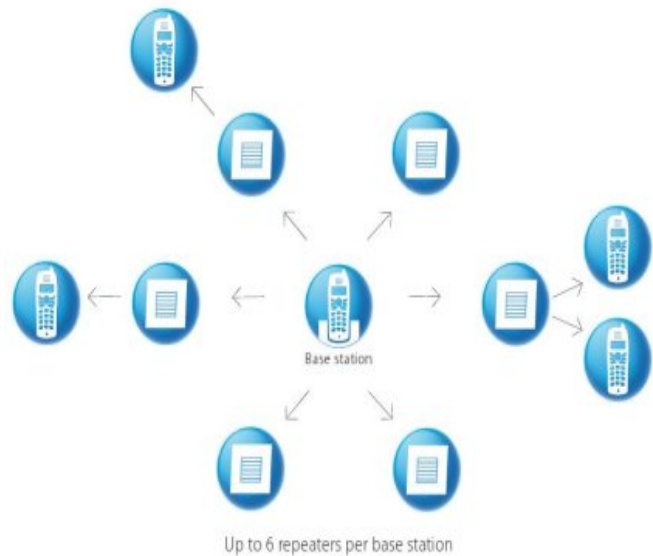


# DECT REPEATER

Doubling your range made easy



## Highlights

- Low power consumption
- No phone line needed, just a power point
- Frequency band: 1880MHz - 1900MHz
- Transmit power: 240mW (+24dBm)
- Up to 6 repeaters per base station
- 2 internal antennas
- The common PCB mechanics measures only 82mm×47.5mm and is housed in a discrete plastic housing measuring only 120x130x35 mm
- The DECT Repeater is compliant with:
  - TBR6
  - TBR22 (Generic Access Profile, GAP)
  - ETS 300 700 - ETSI Wireless Relay Station Specification

## Description

In many cases, the Repeater can double the existing range of the DECT system for a minimal investment. The RTX 4002 DECT Repeater is intended for use in residential, business and public DECT applications based on the GAP profile, there are two internal antennas that can be used to extend the effective range of any standard DECT GAP base station. The repeater then automatically assigns itself the first available RPN number. If more repeaters have to be assigned to the same base station, the procedure just has to be repeated. The repeaters automatically keep track of the next available RPN number. A total of 6 repeaters can be assigned to each DECT GAP base station.

The RTX4002 Repeater uses a new, matchless automatic registration method in which the Repeater automatically seeks and acquires the DECT/GAP base station that emits the most powerful signal. For the end user, this means that the repeater installation has been simplified to Plug-and-Play.