VOICE DECT

COMTEL



REPEATER
VOICE AP500

EXTENDING THE RANGE OF YOUR DUAL CELL OR MULTI CELL DECT SOLUTION

The AP500 Series Repeater is ideal for extending the range of your Dual Cell or Multi Cell DECT solution in locations requiring mobile coverage across several floors or throughout large buildings.

AP500 DECT REPEATER

The AP500 Series DECT Repeater ensures more coverage and range, guaranteeing perfect quality and interruption-free calls across larger premises. Each repeater adds an extra range of up to 50 m indoors and 300 m outdoors. Combined with encrypted daisy chaining this adds 150 m indoors or 900 m outdoors range to a base.

HANDOVER

The repeater increases the reception range of individual bases and handsets and bridges gaps between base stations, increasing the free movement between base stations in a single seamless network and allowing calls to continue uninterrupted.

FLEXIBILITY

The AP500 Series Repeater is a part of COMTEL's high-quality communication solutions designed to be easy-to-install, flexible and reliable. The AP500 Series Repeater offers superior audio quality in both wideband and narrowband calls.



AP500 BENEFITS

> Supports Dual Cell and Mulit Cell bases
> Increases the range w/o Ethernet
> Wideband and narrowband audio
> Up to 5 simultaneous calls
> Daisy chaining

VOICE AP500 REPEATER

DECT
> Frequency bands:
  · 1880-1900 MHz (EU)
  · 1910-1930 MHz (Latin America)
  · 1920-1930 MHz (US)
> Four power levels: 14, 17, 20, 24 dBm
> Receiver sensitivity: -92 dBm
> Seamless handover
> DECT encryption

RANGE
> Indoors: Up to 50 meters
> Outdoors: Up to 300 meters (for indoor use only)

FEATURES
> 2 simultaneous wideband calls
> 5 simultaneous narrowband calls
> Air synchronisation
> Automatic handover of calls between cells
> 2 internal omni-directional antennas for better transmission and reception
> Compliant with: TBR6, TBR22 (GAP) - ETS 300 700 - ETSI Wireless Relay
> Encrypted Daisy Chained
> DECT Security Step B

INSTALLATION
> Shelf or desktop placement
> Wallmountable
> Auto Configuration on dual-cell

GENERAL SPECIFICATIONS
> Weight of repeater: approx. 118 g
> Weight of power adapter: approx. 120 g
> Dimensions: approx. 120x25x135 mm (WxHxD)
> Environmental conditions: temp range, from -10°C to +50°C
> Power Supply – 230 VAC and 110 VAC versions available
> Power adapter with world plugs included
> Colour: white

USER INTERFACE
> LED indicator, two colors
> Reset key

SUITABLE FOR
> AP500 Dual Cell Base Station
> AP500 Multi Cell Base Station
> G277 DECT Handset AP500 Series
> G577(h) DECT Handset AP500 Series



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