

Wireless base stations

Supplementary information

Telephony & cordless



Access-IP DECT base stations - the DECT base station for total mobility.

When installing the Access-IP DECT base stations Radio Fixed Part (RFP) 22 or RFP 24 with the Access-IP PABX you can build your own on-site, cellular, DECT radio-network. This will enable mobile communications for your employees across the company site, using a DECT handset.

Depending on the capacity of your PABX you will be able to use four or eight voice channels simultaneously per base station. For general business four channels are normally adequate, but in areas where mobile workers congregate, base stations may need eight channels to cope with the additional voice traffic.

Indoor base station RFP 22

The DECT base station RFP 22 is designed for indoor use. It comes with integrated dipole antennae and ready for wall mounting. It can be connected to the existing building cabling either from below (cable duct) or from above (suspended ceiling).

Outdoor base station RFP 24

The DECT base station RFP 24 has the same basic functionalities as the indoor base station RFP 22, however its ingress protection of IP 55 makes it suitable for outdoor usage, in locations such as car parks, damp work areas or dusty environments.

The external antennae technology makes it possible to use it in areas with difficult radio characteristics. When equipped with beam antennae it can be an ideal solution for long corridors, storage areas and warehouses.

Highlights

- Power supply from PABX, no AC-adaptor required
- Enables four simultaneous voice channels, when connected to one UPN interface
- Enables eight simultaneous voice channels, when connected to two UPN interfaces

Features

- DSAA authentication between base and handset for security
- DSC encryption for the air interface for security
- Enabled for DECT data transmission

Key benefits

- DECT mobility solution for large areas
- Supporting the cordless system telephones CH86, CH87 and OP28
- Maximum base station wiring distance from PABX is 1km
- Simple installation and configuration
 - automatic delay time analysis
- Automatic software download (matching to the firmware of the PABX)
- Reliable handover for seamless mobility over large areas

Access-IP DECT base station RFP 22

- Base station for indoor use
- Integrated dipole antennae
- LED for signalling the state of operation
- Designed for wall mounting
- Can be connected via clip terminal or RJ11 modular socket
- Ingress protection IP 20
- Flame resistance UL 94 V0-1

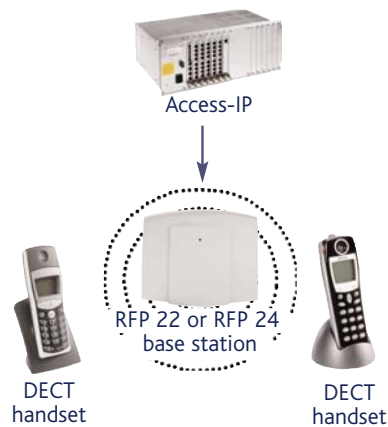
Access-IP DECT base station RFP 24

- Base station for indoor and outdoor usage
- External antennae of either dipole or beam type mountable either directly on the base station or with antennae cable
- Mounting choices: wall mast (ø 65mm and larger)
- Can be connected via screw terminal or RJ11 modular socket

- Ingress protection IP 55
- Flame resistance UL 94 V0 -01

Note: Antennae must be ordered separately

Base station RFP 22 and external base station RFP 24



Technical specification

Ethernet

- Power output: <60mW measured within a single time period
- UPN-interface for Access-IP
- Full-slot technology with 24-time slots for DECT-Net
- External range: -300m subject to survey conditions and building construction
- Storage temperature: -5°C to +45°C
- Transport temperature: -25°C to +70°C
- Relative humidity: 5% to 95% (non condensing)

- Ambient temperature RFP 22: -5°C to +45°C
- Ambient temperature RFP 24: -25 °C to +55°C
- Size RFP 22: 101mm (h) x 151mm(w) x 85mm (d)
- Size RFP 24: 2: 236.5mm (h) x 240mm (w) x 65mm (d)
- Weight RFP 22: 200g
- Weight RFP 24: 920g
- Colour RFP 22: ice grey
- Colour RFP 24: light grey

Multitone part numbers

- RFP 22: A5BS-2
- RFP 24: A5EBS-2
- Mast mount for 60mm mast: A5EBS-MAST-S
- Mast mount for >60mm mast: A5EBS-MAST-L
- Dipole antennae: A5EBS-DIP
- Beam antennae: A5EBS-AER
- Antennae wall mounts: A5EBS-WALL
- Antennae cable (0.5m): A5EBS-CAB

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