

# Aastra SIP Dect 142 IP Phone



Product Name: Aastra SIP Dect 142 IP Phone

Manufacturer: -

Model Number: AASTDECT142

## Aastra SIP Dect 142 Cordless IP Phone

Please note: For Aastra DECT Handsets to function, they must be paired with a DECT Base Station such as the Aastra RFP L32, RFP L34 or RFP L35.

The Aastra DECT 142 Cordless IP Phone is a telecommunications device that you can operate on a communications system specified as compatible with an OpenMobilityManagement system. The newly designed menus enable easy handling and fast access to the many functions and features provided by your system. The many new functions that make communication and organisation easier than ever before.

### Aastra SIP Dect 142 Phone Key Features

- Outstanding voice quality & data transmission
- No restriction of connection distances, the range of the mobile network equals the size of the IP-infrastructure
- Combined usage of mobile voice and data in one network
- Unitary concept for installation, set up, maintenance and operation
- Option for easy and cost-efficient networking between sites and for growing existent networks
- Roaming between sites that are connected via WAN

### Mobility in IP-based networks

The convergence of voice and data use in one common infrastructure and network have revolutionised the PBX-market. Transmission of voice is now dominated by the Internet. With OpenMobility IP the mobility disadvantage of VoIP-networks is a thing of the past.

#### A Solution with all the Benefits of DECT

DECT (Digital Enhanced Cordless Telecommunication) has proven itself to be the leading, globally used radio-supported technology. DECT radio networks are reliable and offer seamless roaming and handover. Calls remain uninterrupted and a high voice quality is preserved even when changing radio cell areas.

#### Combined Advantages of VoIP and DECT

To fully make use of advantages of the IP-network and the DECT-technology together, Aastra has developed DECT-Radio Fixed Parts (RFP) with IP-interfaces for integrating DECT into an IP-network. One OpenMobility Manager (OMM) controls the operation of all DECT-Radio Fixed Parts regardless of the size of the IP network. The OMM is installed in one of the RFPs. A separate server is not required. Administration is via browser interface. The OMM can be fitted with SIP protocol support in order to add DECT mobility to an Asterisk call manager or a SIP enabled PABX. The OMM can handle up to 256 RFPs'. The maximum number of handsets supported is 512.

### Aastra SIP Dect 142 - Technical Specifications

#### Voice Mobility

- Synchronisation via air interface
- Connection via Ethernet 10/100 BaseT
- Authentication/Encryption of base and handset
- Operating states monitoring with 3 LEDs
- IPv4, Power over LAN according to IEEE
- 802.3af
- Platform for the OpenMobility Manager
- 8 simultaneous Voice and up to 12
- Signaling Channels

# Aastra SIP Dect 142 IP Phone

- Endpoint for media streams
- Packet handling via RTP/RTCP
- DHCP
- Network Boot, SW-Download / Update
- Codec G.711, G.723, G.729AB
- Support of QoS via DiffServ and ToS-Flag
- Echo Cancellation
- Jitter compensation
- Voice Activity Detection with comfort noise

## Service and Installation

- Central configuration with the WEB - configurator of the OpenMobility Manager
- Central cluster administration
- Central system log book
- 3 LEDs for signalization of operation status
- Alternative wiring from below (Cable channel) or from above (suspended ceiling)

**Price: £0.00**

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