

# OCX320 business system

Supplementary information

Telephony & cordless



## OCX320 is part of the Multitone Access-IP range of PABX solutions and DECT mobility servers.

The system has a number of key differences to the Access-IP 150 and 510 that make this an ideal solution for use in an IT/IP environment:

- on-board basic voicemail with one mailbox (additional license required to expand)
- use of IP telephones and base stations without a media gateway card
- internal VPN (Virtual Private Network) router
- internal DSL router
- mini slot for incoming FAX card

The VPN and DSL features are beneficial to any company that has multiple sites and VPN or other IT network links, as the OCX320 can be used for both voice and data.

OCX320 also supports DECT over IP, which allows DECT to utilise the customer's existing network for DECT base stations (the network must be of a suitable standard). Base stations may be powered from a local power supply or from Power Over Ethernet (POE); this requires the service to be in place.

A unique feature of the Access-IP range is the dual mode base station RFP 42 that supports DECT as well as wireless devices in wireless hot spots. This base station is part of an IP base station network, but also allows users of laptops, PDAs or other wireless devices to log on to the base station and send and receive data, or use of a customer application that resides on a server. A dual mode base station is ideal for wireless hot spots and has an open air range of around 30 metres. It does not support voice traffic.

### Desktop handsets

OCX320 supports the complete range of OP7x standard and IP handsets, as well as SIP and traditional analogue POTS' handsets.

### DECT handsets

OCX320 supports CH86, CH87 and OP28 DECT handsets:

- CH86 is a basic general use DECT handset
- CH87 is a fully featured DECT handset with INFO button and SOS call for help feature
- OP28 is a robust, fully featured IP54 rated DECT handset suitable for use in damp and dusty environments. The handset also has the SOS call for help feature as well as a user enabled man down alarm that is activated when the handset is tilted more than 60 degrees. This will cause an audio alarm to be initiated and also call the SOS number

### Key features

- Two ISDN lines (four voice channels)
- Three UPN ports for desk telephones or base stations
- Eight analogue extension ports for phones, answer machines or fax machines
- Three LAN ports for connection to customer network devices. Two of these ports support POE and can be used to power IP desk phones or IP base stations up to 300 metres distance
- Two slots for any of the standard interface cards as used on the Access-IP 150
- Voicemail
- SIP extensions and SIP lines (trunks)
- Supports AutoAttendant application
- OpenCTI 50 soft phones application
- Compatible with Access Integrators AI-M and AI-D alarm and messaging solutions

## Applications

OCX320 supports all of the standard on-board and licensed applications:

- voicemail
- SIP extensions and SIP lines (Trunks)
- AutoAttendant
- CTI50 soft phones
- Access Integrators AI-M and AI-D alarm and messaging solutions
- TAPI driver for customer applications (free)

## OCX320 systems

An example of a system with 47 extensions could be:

- 16 analogue extensions using the on-board ports with an 8 ab card
- 11 system desk phones using the 3 UPN ports plus an 8 UPN card
- 32 IP desk phones (no gateway card is required). Note that a media gateway card is only required for SIP trunks and high usage DSL networks
- 4 ISDN lines for incoming and outgoing calls

An alternative solution for DECT use:

- 2 x 8 UPN cards for 16 base stations with up to 128 DECT phones
- 22 connected IP desk phones
- 8 analogue desk phones

## Technical specification

OCX320 features

- Wall or rack mount
- DECT
- DECT over IP
- Soft gateway IP/non-IP channels: 32
- Maximum number of gateway channels using gateway module(s): 40 of which eight channels are equipped with echo cancellation and compressing codecs
- Maximum number of simultaneous SIP calls possible (internet telephony): 8. Note: gateway modules are required
- QSIG over IP: X. Note: gateway modules are required
- Cascading not supported
- Operating system: Linux
- PPTP – Point-to-Point-Tunnelling-Protocol
- L2TP – compatible with Windows XP clients
- DynDNS (Dynamic Network Services)
- DynDNS – support of networking with dynamic IP addresses from provider
- SIP telephony
- SIP lines (trunks)

Data features

- Linux operating system
- Router function with > 16 Mbps DSL
- VPN tunnel (IPsec, PPTP)
- VPN - end point for VPN-tunnel (min. four)
- IPsec – with AES 256 and hardware encoded for speed and security

Multitone Electronics plc, Geddes House, Kirkton North, Livingston, West Lothian, EH54 6GU

Tel: +44 (0)1506 418198 Fax: +44 (0)1506 411711 Email: [info@multitone.com](mailto:info@multitone.com) Web: [www.multitone.com](http://www.multitone.com)

This brochure is for guidance only. Products and services offered are subject to availability and may differ from those described or illustrated in this brochure as a result of changes. Specifications are subject to change without notice. Multitone Electronics plc is part of Kantone Holdings Ltd, a member of the Champion Technology group of companies. Registered office: Multitone Electronics plc, Shortwood Copse Lane, Kempshott, Basingstoke, Hampshire, RG23 7NL Registered in England No. 256314.

Literature No: NPL064 Issue: 01



Cert No. FM20122