

Wireless server 2500

Supplementary information
Telephony & cordless



Analogue line support

- CLIP FSK Bell core
- DTMF CLIP
- Loop break
- DTMF transmit
- Dial and busy tone detect

SIP VoIP support

- Basis call
- CLIP
- Call hold
- Call transfer

DECT support

- GAP
- MSF
- Messaging broadcast

System architecture

- Stable system core based on Linux
- Faster access to standard protocols
- Up to 150 wireless users with VoIP interface
- Up to 32 wireless users with analogue interface
- Up to 16 simultaneous calls per analogue interface card
- Up to 32 simultaneous calls per media resource (G.711)
- Connects up to 8 KIRK base stations per base station interface card
- Connects up to 3 KIRK repeaters to each KIRK base station
- The wireless server 2500 has room for one CPU card without link and three interface cards

Supported Codecs

- G.711 A-law and
- G.726 (32kpbs - 4 bit ADPCM)

Interface cards

- AB08 interface card: 8 analogue lines
- AB16 interface card: 16 analogue lines
- BIF08 interface card: drives 8 base stations
- MR32 interface card: media resource card for 32 VoIP connections

Electrical requirements

- Power adaptor
- Power adaptor characteristics: De 18.1V DC/3.16 A
- The power supplied for AC adaptor power supply must be 110-240V AC nominal, 50/60Hz

Environmental conditions

- Humidity: between 20% and 80% (non-condensing)
- Operating temperature: 10°C to 50°C
- Storage temperature: 0°C to 90°C
- Compliance with the requirements of EU directive 2002/95/EC (ROHS) and 2002/96/EC (WEEE)

Physical characteristics

- Size: 177mm (h) x 194mm (w) x 328mm (d)
- Weight: 1.16kg (excluding power supply)
- Wall mountable, indoor

Base stations

The KIRK base stations available for the wireless server 2500 are standard 4-channel KIRK base stations. NOTE: base stations with software PCS2A are not supported.

Approvals (regulatory standards)

- EN55022:2006, Class A
- EN55024: 1998, A1:2001, A2:2003
- FCC RULES, CRF47, PART 15, class B digital device

Safety (regulatory standards)

- UL 60950-1 CAN/CSA-C22.2 No. 60950-1-03
- EN60950-1:2006



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 Web: 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: NPL169 Issue: 01



FM 20122