

Datasheet

COMfortel® WS-500S



The single-cell IP DECT system that can handle so much more when needed



- Up to 20 handsets
- Up to 8 parallel calls
- Professional zero-touch configuration via auto-provisioning
- Upgradeable from single-cell system to a multi-cell system
- Expansion with up to two WS-500S possible (mini multicell operation)

Your advantages in detail

One for all: The WS-500S is inherently the affordable single-cell system for entering the IP DECT world. Already in this version up to 8 simultaneous calls are supported and up to 20 handsets can be registered. This makes it the ideal basis for offices, medical practice and smaller companies.

The best thing about it: with the upgrade licence WS-500S Multi, this base can be extended to the same

feature range as the multi-cell WS-500M system with up to 250 handsets and up to 60 parallel calls.

DECT technology is digital and encrypted. It therefore offers comprehensive security. Wireless eavesdropping of a call is not possible. The network security of the WS-500S is additionally enhanced by SIP security. End-to-end security is therefore guaranteed.

Features at a glance

SYSTEM FUNCTIONS

- LDAP server support for central phone book (up to 10)
- Access to the voicemail system of the ICT system
- Display of the called number – ideal for multi-company operation
- Distinctive ring tones according to the type of call (direct/group/alarm etc.)
- Display of the system time on all handset
- Definition of clusters for organising bases
- Range alarm on the handset when leaving the DECT radio cell
- Encryption of DECT voice data
- Complete system configuration backup
- Up to 20 handsets
- Up to 8 simultaneous calls
- Optional alarm, message and localisation functions for the integration of alarm systems
- Expansion with up to two additional WS-500S possible ("mini-multicell" for the extension of the radio range)

INSTALLATION AND MAINTENANCE

- Zero-touch provisioning of the base
- Simple handset registration
- Create, delete, change the handsets from the ICT system
- LEDs for signalling operating and functional states
- Access to LDAP phonebooks (up to 10 department directories)
- Administration of the entire IP DECT wireless system via a single web interface
- Encrypted access to the web interface (https)
- Backup and restore functions
- Support for syslog servers
- SNMPv3

UNLOCKABLE OPTIONS

- Expansion to multi-cell operation with up to 250 DECT users and 60 bases (identical to COMfortel WS-500M)
- Licence for the use of the alarm and messaging functions¹
- Licence for the use of the localisation functions (including alarm and messaging)¹

TECHNICAL SPECIFICATIONS

- DECT EN 300 175-x

- Standards: GAP/pnCAP
- TLS1.0/1.1/1.2 for HTTPS and SIP, SIPS
- HTTP/Digest Authentication (RFC2617)
- 8 simultaneous calls (G.711) or up to 5 calls with wide-band audio (G.722)

DECT HANDSETS

- COMfortel M-510
- COMfortel M-520
- COMfortel M-530
- COMfortel M-710
- COMfortel M-720
- COMfortel M-730

COMMUNICATION PLATFORMS

- Complete support incl. provisioning with the current Auerswald systems²
- Operation as normal DECT system with the previous Auerswald SIP systems and with SIP based systems of other vendors³

COMPATIBLE PRODUCTS

- 90027 / COMtrexx® Next
- 90024 / COMtrexx® Flex
- 90022 / COMtrexx® Business
- 90023 / COMtrexx® Advanced
- 90021 / COMtrexx® VM
- 95501 / COMuniq ONE
- 90118 / COMpact 4000
- 90129 / COMpact 5000
- 90334 / COMpact 5200
- 90335 / COMpact 5200R
- 90336 / COMpact 5500R
- 90670 / COMmancer® 6000
- 90671 / COMmancer® 6000R
- 90672 / COMmancer® 6000RX
- 90627 / COMpact 5010 VoIP
- 90628 / COMpact 5020 VoIP
- 90445 / COMmancer® Basic.2
- 90431 / COMmancer® Business

TECHNICAL SPECIFICATIONS

- System connection: Ethernet 10/100 Base-T⁴

- Power supply: Power over Ethernet (PoE IEEE 802.3af class 1) or wall power supply 12 V (optional)
- Power consumption: <3.8 W
- Maximum number of handsets: 20
- Maximum number of bases: 1 (single-cell)
- VoIP protocol: SIP (RFC3261, RFC2396, RFC2976)
- VoIP codecs: G.711, G.729ab, G.722
- Maximum number VoIP channels: 8
- Case: plastic

- Colour: white
- Dimensions (w x h x d): 110 mm x 180 mm x 42 mm
- Weight: 220 g
- Compliance: CE

DELIVERY

- Main device
- Dowels/screws
- Setup Guide and Quick Guide (German/English)

¹ One license included with version 2.44 or higher

² With COMpact 4000/5000/5200(R)/5500R and COMmander 6000(R/RX) with firmware 7.4

³ Please clarify compatibility in advance

⁴ Note: The correct placement of the radio cells is decisive for the smooth functioning of your IP-DECT system. We therefore recommend that you leave the dimensioning and configuration to a qualified specialist dealer. A DECT measurement can be used to determine exactly where, for example, a further basis is required to ensure supply.

ORDERING INFORMATION

Designation: COMfortel® WS-500S

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