

DATASHEET

COMfortel® D-200



Almost entry-level price but considerably more basic functions

- Intuitive user interface
- 6 self-labelling function keys incl. LED signalling
- 4 context-sensitive soft keys
- HD audio quality thanks to wideband
- Headset connections with EHS support
- Up to 3 key extension modules for max. 60 additional function keys
- 6 SIP identities
- Gigabit Ethernet switch
- Dual stack IPv4/IPv6

The COMfortel D-200 expertly bridges the gap between IP telephony at an entry-level price and a professional range of features that are second to none. This modern IP telephone with its sophisticated design blends in perfectly with modern office environments. The intuitive user interface with illuminated black on white graphic display increases productivity in "day-to-day business". An all-round visible casing LED ensures that everyone can see you are on the telephone, even if you make calls by using a hidden headset. Incoming calls and missed calls are also displayed conspicuously. The choice is yours – the COMfortel D-200 gives you the option of using the phone with its integrated 6 digitally labelled and freely programmable function keys or upgrading to 66 keys with the COMfortel D-XT20 key extension module. Ideal for small offices, home offices and call centres.

Features Overview

System and Comfort Features

- 6 SIP identities/accounts
- 3 simultaneous connections
- Caller ID – display phone numbers and names from the local and central telephone book from the communication server / cloud PBX¹
- Call waiting
- Reject calls
- Do-not-disturb (DND) locally via the telephone or centrally via the communication server / cloud PBX¹
- Pick-up – fetch a call
- Call parking / open enquiry¹
- Call forwarding/transfer of calls with and without announcement
- Call forwarding via telephone or centrally via the communication server / cloud PBX¹
- Call on hold
- Local splitting via telephone or centrally via the communication server / cloud PBX¹
- Local 3-way conference calls via telephone or centrally via the communication server/cloud PBX¹
- Callback on busy or if caller is unreachable¹
- Dial plan for complex dialling rules
- Telephone book, 2,000 entries locally in the telephone
- LDAP – access to central telephone books, such as OpenLDAP or Microsoft Exchange
- Call lists for missed, selected and accepted calls
- XML browser for displaying central function menus and lists (such as call lists, telephone books)¹
- 5-way navigation keys
- 4 context-sensitive soft keys
- Function keys for call forwarding/transfer and volume setting
- Function keys including LED signalling for access to the call list, voice mailbox¹, call on hold, headset operation, hands-free calling/listen-in function and microphone muting
- 6 to 66² self-labelling and freely programmable function keys with 3 levels as well as polychromatic LED signalling
- Busy Lamp Field (BLF) function for displaying the call and busy status of extensions¹
- Casing LED for signalling active calls and incoming calls
- Automatic backlight with adjustable brightness and switch-on time
- Microphone muting
- Wall mountable²
- Telephone tilt angle: 30° or 45°
- Languages: German, English, French, Greek
- Localisation including language, time, date and sound

System Features on Auerswald

Communication Servers

- Group login/logout
- Caller ID – display phone numbers and names from a central telephone book
- Do-not-disturb (DND)
- Pick-up – fetch a call
- Call forwarding centrally via the communication server
- Access to the central telephone book
- Online name search (reverse search)
- Busy Lamp Field (BLF) for displaying the call and busy status of extensions
- Switch central configuration profiles such as day/night switching

Audio Features

- High voice quality through echo cancellation
- Codecs: G.722 (wideband), G.711 A-law/ μ -Law, G.726, G.729, iLBC
- Comfort noise generation (CNG)
- Voice activity detection (VAD)
- Full duplex hands-free calling
- 22 ring tones
- Ringer, receiver, headset and hands-free volume can be set separately
- Headset connection via RJ45 for cordless headsets with EHS support and wired headsets

Security

- Password-protected web interface
- HTTPS server/client
- SIPS (RFC 3261) – encrypted signalling
- SRTP (RFC 3711/RFC 4568) – encrypted transfer of voice data
- Transport Layer Security (TLS)
- VLAN (IEEE 802.1q)

Administration

- Localisation including language, time, date and sound
- Configuration via web browser (HTTPS)
- Mass installation via provisioning server:
 - Auerswald redirect server
 - DHCP options 66/67
 - Configuration update via SIP notify without restarting the telephone
 - Transmission of settings via HTTP/HTTPS/TFTP

Supported Protocols

- BLF (RFC 4235)
- DHCPv4 (RFC 2131)
- DHCPv4 Option 60
- DHCPv4 Option 60 (vendor class identifier)
- DHCPv4 Option 66/67 (host name/file name)
- DNS SRV-RR (RFC 2782)
- HTTP/HTTPS (RFC 2616)
- HTTPS (RFC 2818)
- IPv4 (RFC 0791)
- IPv6 (RFC 2460, RFC 8200)
- IPv6 Dual Stack (RFC 4241)
- IPv6 Dual Stack Lite (RFC 6333)
- IPv6 SLAAC (RFC 4862)
- LDAP (RFC 4511)
- NTP (RFC 958)
- RTCP (RFC 3550, RFC 3605)
- RTP (RFC 3550)
- DTMF: in-band, RTP Payload (RFC 2833, 4733), SIP-INFO
- SIP/SIPS (RFC 3261, RFC 2543)
- SRTP (RFC 3711, RFC 4568)
- TFTP (RFC 1350)
- TLS (RFC 2246)
- VLAN (IEEE 802.1q)

Supported Communication Platforms

- COMpact 4000, 5000, 5000R, 5200, 5200R, 5500R
- COMmander 6000, 6000R, 6000RX
- COMpact 5010 VoIP, 5020 VoIP (no system functions)
- COMmander Basic.2, Basic.2 19" (no system functions)
- COMmander Business, Business 19" (no system functions)
- Asterisk
- IP-Centrex solutions, hosted PBX

Technical Data

- Power supply: Power over Ethernet (PoE according to IEEE 802.3af, Class 2)
- Network: 2 port Gigabit Ethernet switch 10/100/1000 Base-T
- USB: USB 2.0 for up to 3 key extensions COMfortel D-XT20
- Headset: RJ45 connection (8P/8C) for dynamic headsets, also with DHSG/EHS support
- User elements: Keypad with vanity code, 17 dedicated function keys, 4 soft keys, 6 freely programmable function keys each with 3 levels
- Display: LCD (monochrome) backlight, 2.7" (6.9 cm), 240 x 128 pixel
- Telephone receiver: Wideband audio, electret microphone, dynamic receiver, hearing aid compatible
- Hook switch: Magnetic switch contact
- Loudspeaker: 8 Ohm, Ø 52 mm
- Casing: Plastic
- Colour: Black
- Dimensions (WxHxD): 238 mm x 160/125 mm x 145/195 mm
- Weight: 690 g (including device stand)
- Compliance: CE, EN 55032, EN 55024, EN 55035

¹ Depending on the central communication server/cloud PBX

² Optional

Scope of Delivery

- COMfortel D-200 basic unit
- Handset (receiver) with connection cable
- Device stand
- Colour: Black
- Ethernet connection cable RJ45/RJ45
- Short operation instructions

Ordering Information

- **Designation:** COMfortel D-200
- **Item number:** 90261

Accessories

- 90264 COMfortel D-XT20
(Key extension with 20 self-labelling and freely programmable function keys with 3 levels as well as polychromatic LED signalling)
- 90079 COMfortel PoE-1000
(Power supply via Ethernet, 1 Gbit/s)
- 90346 COMfortel H-100 analogue
(wired headset)
- 90668 COMfortel DECT Headset
(cordless EHS headset)
- 90267 COMfortel D-Mount
(wall mount)