COMfortel® D-100

Practical relevance that quickly proves its worth in demanding everyday use

- Intuitive user interface
- 6 self-labelling function keys incl. LED signalling
- 4 context-sensitive soft keys
- HD audio quality thanks to wideband
- Headset connection with EHS support

Your advantages in detail

Even the entry-level model COMfortel D-100 is packed with professional features such as self-labelling function keys including LED signalling, context-sensitive soft keys and a headset connection for cordless headsets with Electronic Hook Switch (EHS). Additionally, the intuitive user interface with its illuminated black-on-white graphic display visibly improves day-to-day productivity.

Just like its bigger brothers, 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. Its functional design looks impressive in any modern office environment. All this makes the COMfortel D-100 perfect for small offices, home offices and call centres.
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Features at a glance

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 PBX
- Call waiting
- Reject calls
- Do-not-disturb (DND) locally via the telephone or centrally via the communication server / cloud PBX
- Pick-up – fetch a call with pre-check
- Call parking / open inquiry
- Call forwarding/transfer of calls with and without announcement
- Call forwarding via telephone or centrally via the communication server / cloud PBX
- Call on hold
- Local splitting via telephone or centrally via the communication server / cloud PBX
- Local 3-way conference calls via telephone or centrally via the communication server / cloud PBX
- Callback on busy or if caller is unreachable
- Dial plan for complex dialling rules
- Telephone book, 2,000 entries locally in the telephone
- LDAP – access via SSL to central telephone books, such as OpenLDAP or Microsoft Active Directory
- Call lists for missed, selected and accepted calls
- XML browser for displaying central function menus and lists (such as call lists, telephone books)
- 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 mailbox, call on hold, headset operation, hands-free calling/listen-in function and microphone muting
- 6 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 extensions
- Integration of function keys in own applications and processes via LUA templates
- Casing LED for signalling active calls and incoming calls
- Automatic backlight with adjustable brightness and switch-off time
- Microphone muting
- Telephone tilt angle: 30° or 45°
- Wall mountable
- Languages: German, English, French, Greek
- Localisation including language, time, date and sound

SYSTEM FEATURES ON PROPRIETARY 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: redirect server | DHCP options 66/67 | configuration update via SIP | notify without restarting the telephone | transmission of settings via HTTP/HTTPS/TFTP

SUPPORTED PROTOCOLS

- DHCPv4 (RFC 2131)
- DHCPv4 Option 60 (Vendor class identifier)
- DHCPv4 Option 66/67 (Hostname/Filename)
- 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)
- BLF (RFC 4235)
- 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)
- DHCPv4 (RFC 2131)