

COMfortel® 2600 IP

Hybrid VoIP telephone –Standard SIP and IP system telephone, based on Android™, with 4.3 colour-touch display and prepared voicemail

- Synchronization of address books and calendar with Google™ services, Apple® iCloud and Microsoft® Exchange possible (optional)
- Excellent acoustic performance due to wideband and artificial bandwidth expansion in narrowband conversations
- Headset socket with support for wireless headsets with electronic hook switch functionality (DHSG)
- Encrypted signalling (SIPS) and speech data transmission (SRTP)
- Support of IP cameras (optional)
- Power supply via Power over Ethernet (PoE)
- Angle of inclination in 3 steps adjustable
- Secure provisioning with device specific certificate
- Key extension modules COMfortel Xtension300 connectable



The COMfortel 2600 IP leaves you free to decide, whether you opt for a system telephone to be attached to an Auerswald IP-type PBX system or for a standard SIP phone hosted by a Soft PBX or IP-Centrex solution. Being a genuine hybrid VoIP telephone, it will always make a perfect match.

Every detail proves the COMfortel 2600 IP has a deep understanding of practical issues. Superior operation is ensured either via a classic keypad and four-way navigating touch pad or – as known from a smartphone – via the large touch display. And to find a perfect viewing angle, the cabinet can be effectively tilted.

If you want to use it as a VoIP telephone, the COMfortel 2600 IP sets further priorities: the integrated phonebook accommodates in excess of 2,000 entries (!), and your emails, calendar and contact data are reliably synchronized with cloud-based data. With the help of VPN you can tie the phone to a remote PBX system, thus giving access to all system functions from a home office. SIPS and SRTP ensure tap-proof phoning over the Internet.

To activate the answering machine, simply insert a standard SD card. A separate interface lets you hook up a headset to the COMfortel 2600 IP which also supports wireless headsets with electronic hookswitch functionality via DHSG. You're all set for hands-free phoning, wandering around during calls.

15 keys, all equipped with multi-coloured LEDs, can be programmed individually to take on various tasks, e.g. busy, destination dialling, system and SIP functions. And if that's not enough, you can always attach up to three keypad extension modules (COMfortel Xtension300) amounting to 105 function keys! It's the kind of professional comfort every switchboard operator will appreciate. In addition, you may programme certain functions on the display for direct touch commands.

Perhaps one of the best features is the intelligent Energy-Save Management which keeps power consumption at an all-time low in every situation.

Features

System- and convenient features

- Calling number and name display (CLIP/CNIP) if registered in the central phone book of the PBX or the telephone
- Automatic background illumination with adjustable brightness and switch-on time
- Personalized wallpapers and ringtones loadable
- Ringtone, handset and hands-free speaker volume adjustable
- Microphone mute
- Set-up angle adjustable in 3 steps
- 15 programmable function keys, 2 levels
- 5 programmable function keys as touch function
- Power-safe mode
- >2,000 local telephone number entries
- Telephone lock, emergency calls possible
- Access to the central phonebook of the PBX

Voicemail functions

- Activation by inserting an SD/SDHC card
- Remote activation and message forwarding
- Max. 25 announcements and max. 250 messages
- High-quality recording due to uncompressed recording
- Control via function keys of the telephone
- Total capacity depends on the used memory (1 GB represent approx. 30 h recording capacity)
- Recording and voice memo function
- Call acceptance and announcement dependent on type of call

Android™ operating system

- Alphanumeric Android keyboard via touch display
- Individualization with purchased or self-programmed apps
- Synchronization¹ incl. push of contacts, calendar and email with e. g. Microsoft® Exchange, Apple® iCloud or Google™ services
- Free allocatable screens
- Innovative operating concept with touch and key control

IP features

- 100 accounts, useable with 10 providers, 1 account max. as Auerswald system telephone
- Busy Lamp Field (BLF)
- Date and time via NTP
- Digest authentication (MD5)
- Integration of external subscribers, e. g. home offices, subsidiaries
- Device control via action URLs possible
- High audio quality with echo cancellation
- HTTP-/HTTPS webservice integrated
- VPN client integrated (Open VPN / IPsec)
- LDAP
- Mass roll outs via provisioning server (HTTP, HTTPS and TFTP)
- Priorisation of voice data (Diff Serv)
- SIP (RFC 3261)
- Power over Ethernet (PoE, IEEE802.3af)
- STUN (UDP over NAT)
- Tone dialling during a call (RFC 2833)
- Transport Layer Security (TLS)
- Support of IP cameras¹, with PTZ control
- Encode data transmission (SRTP), RFC 3711 and RFC 4568
- Encode signalling (SIPS), RFC3261
- VLAN support (IEEE 802.1q)
- VoIP codec G.722 (wideband) with supported hardware, e. g. COMcompact 3000, Asterisk or IP Centrex
- VoIP codecs G.711µ-Law/a-Law and iLBC
- VoIP codec preselection

Supported communication platforms

- COMcompact 3000-Series (no system functions)
- COMcompact 4000
- COMcompact 5010 VoIP, 5020 VoIP
- COMcompact 5000, 5000R
- COMcompact 5200, 5200R
- COMcompact 5500R
- COMmmander 6000, 6000R, 6000RX
- COMmmander Basic.2, Basic.2 19"
- COMmmander Business, Business 19"
- Asterisk solutions
- IP Centrex solutions, hosted PBX, Soft PBX
- Broadworks by Broadsoft

¹ Activation with costs via Auerswald Upgrade-Center required.

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Technical Data

- **System connection:** Ethernet 10/100 Base-T
- **2nd Ethernet port:** Ethernet 10/100 Base-T
- **Power supply:** PoE (according IEEE 802.3af, class 2)
- **Power consumption:** 2.4 W min., 4.1 W max.
- **Module connection¹:** proprietary system bus for max. 3 COMfortel Xtension300, each with 30 function keys (2 levels)
- **Headset:** separate interface for dynamic speaker/microphone sets, also with electronic hook switch support via DHSG
- **Display:** TFT colour display, 4.3" (480 x 272 pixels) with resistive touch and 65,536 colours
- **LEDs:** 18, some multi-coloured
- **Operating elements:** dialling keys with vanity code, 12 function keys, 15 programmable function keys (2 levels)
- **External memory:** SD-/SDHC card up to 16 GB, not included
- **Handset:** wideband audio, electret-microphone, dynamical loudspeaker, hearing aid compatible
- **Loudspeaker:** 8 Ohm, Ø 52 mm
- **Hook switch:** magnetically switching contact
- **Case:** plastic
- **Colours:** Black, White
- **Dimensions (w x h x d):** 275 mm x 128/150/170 mm x 210 mm
- **Weight:** approx. 1,050 g
- **Safety:** CE

Scope of supply

- COMfortel 2600 IP
- Handset with connection cable
- LAN cable RJ-45/RJ-45 (approx. 3 m long)
- Installation manual and quick start guide

Ordering information

- **Product description:** COMfortel 2600 IP, black
- **Part number:** 90073
- **EAN-Code:** 4019377900734

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