

COMfortel® 3600 IP

Hybrid VoIP telephone – standard SIP and IP system telephone, based upon Android™, with 5“ touch colour display and integrated answering machine.

- Synchronization of address books and calendars with Google™ services, Apple® iCloud and Microsoft® Exchange
- Excellent acoustic characteristics due to wideband audio and artificial bandwidth extension for narrowband calls
- Headset socket with support for wireless headsets with electronic hook switch functionality (DHSG)
- Standard Android™ operating system allows the use of company-specific applications
- Bluetooth interface for presence detection and headset connection
- Encrypted signalling (SIPS) and speech data transmission (SRTP), certificate based authentication for the provisioning
- Support of IP cameras
- Key extension modules COMfortel Xtension300 connectable
- Powerful CPU



You have not yet decided whether you want to go for a PBX solution from Auerswald, a Soft-PBX or an IP Centrex solution of your provider in the future? No matter how you will decide, the COMfortel 3600 IP always fits. It can be used both as standard SIP and as IP system telephone.

The operation as well as the functionality of the COMfortel 3600 IP set new standards. It can be operated the classical way using keys, like a smartphone via the high-resolution 5” colour touch display and it even responds to gestures. With a simple movement of the hand, you can for example switch your ringing phone quiet if you do not want to be disturbed. Your calendar and contact data as well as the e-mails you can synchronize easily via push service from your Google™ account or from a Microsoft Exchange account directly to your phone. This means for you your phone address book is always in sync with your Outlook address book and you will see on the screen via widget an overview of your current appointments.

Last but not least five customizable screens offer enough space to customize your device with additional apps.

Headsets can be connected to the COMfortel 3600 IP via Bluetooth or via the separate headset interface with support for cordless DHSG devices. So your hands are free while making calls and you can move freely during the call. Particularly frequent users will appreciate these options.

The COMfortel 3600 IP can be expanded with three key modules COMfortel Xtension300. Then, up to 105 function keys are available including the 15 keys on the phone. In addition, five sensitive keys directly on the display as a freely programmable touch function

Features

System and convenience features

- Presence detection via Bluetooth®
- 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
- Artificial bandwidth enhancement for consistently improved voice quality and audibility
- Microphone mute
- Tilt angle adjustable in 3 steps
- Online name search (backward search) with Auerswald IP PBX systems
- 15 Programmable function keys, 2 levels
- 5 programmable function keys as touch function
- Power-safe mode
- Telephone book, >2.000 entries locally in the telephone
- Phone lock, emergency calls still possible
- Access to the central phonebook of the PBX

Voicemail functions

- Remote activation and message forwarding
- Max. 25 announcements and max. 250 messages
- High-quality recording due to uncompressed recording
- Simple activation using function keys
- Recording and voice memo function
- Call acceptance and announcement dependent on type of call
- Voice control

Android™ operating system

- Alphanumerical Android keyboard via touch display
- Simple individualization with purchased or self-programmed apps
- Easy synchronization incl. Push of contacts, calendar and e-mail with e. g. Microsoft® Exchange, Apple® iCloud or Google™ services
- Free allocatable screens
- Innovative operating concept with touch, key and gesture 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)
- Prioritisation of voice data (Diff Serv)
- SIP conform according to RFC 3261
- Power over Ethernet (PoE) possible
- STUN (UDP over NAT)
- Tone dialling during a call (RFC 2833)
- Transport Layer Security (TLS)
- Support of IP cameras
- Encoded data transmission (SRTP), RFC 3711 and RFC 4568
- Encoded signalling (SIPS) according to RFC 3261
- VLAN support (IEEE 802.1q)
- VoIP codec G.722 (wideband) with supported hardware, e. g. COMpact 3000, Asterisk or IP Centrex solutions
- VoIP codecs G.711µ-Law/a-Law and iLBC
- VoIP codec preselection

Supported communication platforms

- COMpact 3000 series (no system functions)
- COMpact 4000
- COMpact 5010 VoIP, 5020 VoIP
- COMpact 5000, 5000R
- COMmander 6000, 6000R, 6000RX
- COMmander Basic.2, Basic.2 19"
- COMmander Business, Business 19"
- Asterisk solutions
- IP Centrex solutions, hosted PBX
- Soft PBX

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Technical Data

- **System connection:** Ethernet 10/100/1000 Base-T
- **2nd Ethernet port:** Ethernet 10/100/1000 Base-T
- **Power supply:** Power supply with Euro plug, 230V +/- 10 %, 50 Hz or Power over Ethernet (PoE IEEE 802.3af compliant, Class 0)
- **Power consumption:** 3.3 W min., 14 W max. (without key expansion module COMfortel Xtension300)
- **USB interface:** 2x USB host (1x preallocated with Bluetooth® Dongle)
- **Module connection:** proprietary system bus for max. 3 COMfortel Xtension300, each with 30 function keys (2 levels)
- **Headset:** for dynamic speaker/microphone sets, also with electronic hook switch support via DHSG
- **Bluetooth®:** Bluetooth® 2.1 + EDR
- **Display:** TFT colour display (5"/12,7 cm, 800 x 480 pixels) with capacitive touch
- **LEDs:** 19, some multi-coloured
- **Operating elements:** dialling keys with vanity code, 12 function keys, 15 programmable function keys (2 levels)
- **Internal memory:** approx. 3 GB
- **External memory:** SD/SDHC card and USB stick up to 16 GB suggested, not included
- **Handset:** wideband audio, electret-microphone, dynamic loudspeaker, hearing aid compatible
- **Loudspeaker:** 8 Ohm, Ø 52 mm
- **Hook switch:** magnetically switching contact
- **Case:** plastic
- **Colour:** black
- **Dimensions (w x h x d):** 275 mm x 148/170/190 mm x 210 mm
- **Weight:** approx. 1.200 g (telephone), approx. 130 g (power supply)
- **Safety:** CE

Scope of supply

- Base unit COMfortel 3600 IP
- Handset with connection cable
- LAN cable RJ-45/RJ-45
- Power supply unit
- Microfiber cloth
- Installation manual and quick start guide

Ordering information

- **Product name:** COMfortel 3600 IP, black
- **Article number:** 90362
- **GTIN code:** 4019377903629

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