

COMfortel® 1400 IP

Hybrid VoIP-phone uniting standard SIP with IP system telephony, based on Android™, 3,5" colour-touch display and optional answering machine

- 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
- Standard Android™ operating system allows the integration of company applications
- Encrypted signaling (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
- Desktop and wall mounting
- Secure provisioning with device specific certificate



The COMfortel 1400 IP won't force you to decide on a specific system. It's a genuine hybrid VoIP phone, after all. Go ahead and use it as a system telephone connected to an IP-enabled Auerswald PBX system or as a standard SIP phone for a Soft PBX / IP-Centrex solution from various manufacturers and providers. No matter which system – the COMfortel 1400 IP will always make a perfect match.

You can operate the COMfortel 1400 IP via the keypad and cross-shaped touch pad ... or like a smartphone, using the generous 3.5" touch display. The COMfortel 1400 IP features ten programmable keys (with built-in LEDs for status control) to which you can assign functions such as system control, destination dialing and SIP functions.

When activated through the Auerswald Upgrade Center, you can lay your hands on optional functions, such as e.g. synchronize eMails, calendar and contact data via push service from your Google™, TelekomCloud, Apple® iCloud or a Microsoft® Exchange account. There are even more functions you can activate at a modest charge, such as the integrated answering machine or IP camera support. A separate interface lets you connect a standard headset, and an LED built into the display's upper frame signals incoming calls and messages in your voice-mailbox. The ingenious housing feet allow you to effectively adjust the viewing angle or – once you remove them – to vertically mount the COMfortel 1400 IP on the wall.

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
- Programmable function keys (10), 2 levels
- Programmable function keys (5) as touch function
- Power-safe mode
- >2,000 local telephone number entries
- Telephone lock, emergency calls possible
- Desktop and wall mountable
- Access to the central phonebook of the PBX

Voicemail functions¹

- Remote activation and message forwarding
- Max. 25 announcements and max. 250 messages
- High-quality uncompressed recording
- Control via function keys of the telephone
- Total capacity depends on the available 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 e-mail 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 webserver 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 dialing during a call (RFC 2833)
- Transport Layer Security (TLS)
- Support of IP cameras¹
- Encode data transmission (SRTP), RFC 3711 and RFC 4568
- Encode signaling (SIPS), RFC3261
- VLAN support (IEEE 802.1q)
- VoIP codec G.722 (wideband) with supported hardware, e. g. COMpact 3000, Asterisk or IP Centrex
- 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
- COMmmander 6000, 6000R, 6000RX
- COMmmander Basic.2, Basic.2 19"
- COMmmander Business, Business 19"
- Asterisk solutions
- IP Centrex solutions, hosted PBX
- Soft PBX

¹ Activation with costs over the Auerswald Upgrade-Center. For starting the answering machine a Micro-SD-/SDHC card is required (not included)

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Technical Data

- **System connection:** Ethernet 10/100 Base-T
- **2nd Ethernet port:** Ethernet 10/100 Base-T
- **Power supply:** via PoE (according IEEE 802.3af, class 2)
- **Power consumption:** 2.4 W min., 4.1 W max.
- **Headset:** separate interface for corded speaker/microphone sets
- **Display:** TFT colour display, (3.5"/ 8,9 cm, 320 x 240 pixels) with resistive touch
- **LEDs:** 14, some multi-coloured
- **Operating elements:** dialing keys with vanity code, 13 function keys, 10 programmable function keys (2 levels)
- **External memory:** Micro 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
- **Colour:** Black
- **Dimensions (w x h x d):** 223 mm x 148/158/168 mm x 185 mm
- **Weight:** approx. 980 g
- **Safety:** CE

Scope of supply

- COMfortel 1400 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 1400 IP, black
- **Part number:** 90071
- **EAN code:** 4019377900710

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