

COMpact 3000 ISDN

Compact PBX for up to 4 external lines (VoIP, ISDN), up to 8 subscribers (ISDN, IP, analogue) and ability to expand by one ISDN port or 2 analogue subscriber ports

- 1 BRI trunk line (PTMP or PTP)
- VoIP with wideband audio quality (optional)
- Central voicemail and fax system for 6 subscribers, message forwarding by e-mail, notification by RSS feed and call
- Storage of voicemail and fax messages on optional SD card or USB memory
- USB V2.0 host port for printer or memory connection, shared use via LAN
- Web interface for the configuration of the system under Windows, Mac OS X and Linux
- Plug & Phone, easy and fast installation without a computer
- Can be used as a media converter / media gateway for connecting e.g. virtual VoIP PBXs to ISDN trunk lines
- Expandable with COMpact ISDN module by one variable ISDN port (internal/external), that can also be used internally as U_{P0}
- Addition of 2 further analogue subscribers with COMpact 2a/b module
- Expandable with COMpact S₀ module for 1 further internal S₀ port



Even the basic configuration of our COMpact 3000 ISDN surprises with amazing high-performance capabilities, considering the size of this small telephone system: With four analogue extensions, a phonebook for 400 entries, a central voicemail and fax system which automatically informs you about messages waiting via e-mail, RSS feed and a call, CTI support as well as connection capabilities for external storage devices, it's perfectly equipped for all the needs of day-to-day work. Should you want additional analogue extensions, yet another ISDN exchange interface or just a little more comfort with ISDN system phones, simply expand your COMpact 3000 with the according plug-in module. And for Internet telephony or to make internal calls via a computer network, simply activate the two integrated VoIP channels via our Online Upgrade Center.

The ready-to-insert cabinet and step-by-step configuration even without a PC make installation and start-up child's play. All further settings are done intuitively via the system's web user interface. Latest circuit technology and smart energy management ensure that power consumption stays low under all operating conditions – that's our contribution to protecting the environment ... and your budget. By the way, the COMpact 3000 also serves as a voicemail system or gateway between different telecommunication environments. It allows you to expand your existing telephone system or keep it even if the processing type is changed.

Features

System features

- Trunk line authorisations for reduction of costs
- System profiles (8 configurations max.) switchable by internal clock or by phone from internal and external
- Off-hook emergency dialling (e.g. baby call)
- Busy-on-busy for external calls
- Call through for ISDN trunk lines¹
- Boss/secretary function²
- Direct line access
- Bank holiday table for automatic switching of system profiles or wake-up calls
- Call data recording with 2,000 call data records
- Charge and time account control per subscriber³
- Call take-over (e.g. from integrated answering machine)
- Group calls
- Least Cost Routing incl. call by call in the local network
- Call brokering, three-party conference internal / via exchange line / via 2nd call channel
- 10 emergency numbers with special rights and prioritisation
- Open query
- Online name search (reverse search)
- Parallel call, simultaneous calling of a 2nd target
- Private trunk line access with user-related password, usable from all subscribers
- Software interfaces
- Barring of anonymous calls
- 10 sets of numbers for barred and allowed incoming and outgoing calls
- Power saving function (eco mode), activation configuration dependent
- System telephony with COMfortel ISDN telephones
- Voicemail and fax functions
- Music on Hold with insertable announcement, loadable WAV file
- Wake-up calls, 3 announcements selectable by time
- Central telephone book with 400 call numbers

VoIP (internet telephony / internal IP telephony)⁴

- Fax over IP external (T.38 acc. ITU-T)
- Excellent sound quality with optimised echo cancellation
- Remote subscribers and integration of mobile VoIP clients

Voicemail and fax functions

- 2 voicemail channels, including 1 for fax
- 6 voicemail and 6 fax boxes
- Fax sending⁴ via the network (printer driver for Windows 7,8,10 / MAC OS.X)
- Storage of the voice and fax messages on a USB storage or SD card (not included)
- Recording capacity (with storage 4 GByte):
 - approx. 120 hours voice messages incl. announcements
 - or approx. 3,500 fax pages
- Message and fax forwarding via e-mail
- Remote access of the voicemail boxes incl. voice guidance

Software interfaces (APIs)

- LAN TAPI⁴ (4 clients included)
- Fax sending⁴

ISDN features¹

- Call Waiting (CW)
- Presentation of the forwarder's number (RgN)
- Destination number presentation to the caller (COLP) and present. restriction of the destination number to the caller (COLR)
- Number (CLIP) and name (CNIP) presentation
- Automatic recall on busy (CCBS) and no response (CCNR)
- Presentation restriction of the own telephone number (CLIR)
- Call Forwarding on busy (CFB), no reply (CFNR), unconditional (CFU), of a DDI (CD (PR))

Installation and maintenance

- Administration via web interface, secure access via https
- System access local via Ethernet and remote via Internet
- System software update via local or remote PC upload
- Selectable authorisation levels, password protected
- Quick setup of the basic functions with configuration wizard
- Plug & Phone, easy installation, ready-to-plug housing

Activation options⁴

- 2 VoIP channels (switchable external/internal)
- Fax sending (Windows 7,8,10 / MAC OS.X)
- LAN TAPI (up to 8 subscribers), 4 included
- X.31 on internal S₀ port (X.25 via D channel)⁵

¹ ISDN exchange line necessary

² With COMfortel 1400 / 1600 / 2600

³ Charge information necessary at the end (AOCE) or during (AOCD) the call

⁴ Can be activated in the Auerswald Upgrade Center with costs

(www.auerswald.de/upgradecenter)

⁵ COMpact S₀ module or ISDN module, ISDN PC card and CAPI version 2.0 or higher necessary

Technical data

- **Operation voltage:** 230 V ±10 %, 50 Hz
- **Power consumption*:** 2.4 W min., 15 W max.
- **Exchange lines*:** 2 S₀ ports max., point-to-multipoint/point-to-point connection (PTMP/PTP, Euro-ISDN, DSS-1); 2 VoIP channels max. (SIP acc. RFC 3261), point-to-multipoint/point-to-point connection (SIP trunking), switchable to internal
- **VoIP codecs trunk line*:** G.722 (wideband), G.711, G.726, iLBC
- **Analogue subscriber ports*:** 6 max. symmetrical, pulse/tone dialling, CLIP/CNIP capable (FSK)
- **Range of the analogue ports:** 2 x 50 Ω, approx. 790 m at Ø 0.6 mm
- **Internal S₀ port*:** 1 S₀ port max., point-to-multipoint connection (PTMP, Euro-ISDN, DSS-1)
- **Range of the internal S₀ port:** approx. 150 m at Ø 0.6 mm
- **Internal U_{P0} port*:** 1 U_{P0} port max., point-to-multipoint connection (PTMP, Euro-ISDN, DSS-1)
- **Range of the internal U_{P0} port:** approx. 1,000 m at Ø 0.6 mm
- **VoIP subscriber*:** up to 8 subscribers
- **VoIP channels*:** 2 VoIP channels max. (SIP acc. RFC 3261), switchable to external
- **VoIP codecs internal*:** G.722 (wideband), G.711, G.726, iLBC
- **PC connection:** Ethernet port 10/100 Base-T (10/100 MBit/s, twisted pair)
- **External memory:** SD/SDHC memory card (16 GByte max.) or USB storage
- **Printer and memory connection:** USB host V2.0
- **Module slot:** 1 slot for COMpact ISDN, S₀ or 2a/b module
- **Housing:** plastic, 3 parts
- **Dimensions (w x h x d):** 240 mm x 240 mm x 58.4 mm
- **Weight (w/o modules):** approx. 740 g (system), approx. 100 g (power supply)
- **Safety:** CE

* Depending on the setup level of the system

Scope of delivery

- COMpact 3000 ISDN
- ISDN connection cable RJ-45/RJ-45
- Ethernet connection cable RJ-45/RJ-45
- Power supply unit
- Quick Start Instructions
- Fastening material (screws and plugs)

Ordering information

- **Product designation:** COMpact 3000 ISDN
German version
- **Part number:** 90577
- **GTIN code:** 4019377905777
- International version
- **Part number:** 16887
- **GTIN code:** 4019377168875

Matching modules

COMpact ISDN module

- **Operation voltage:** from basic unit
- **Installation:** slot in basic unit
- **Switchable ISDN port:** 1 S₀ port, trunk line (S₀, PTMP/PTP) or internal (S₀/U_{P0}, PTMP)
- **Dimensions** (w x h x d): 125 mm x 40 mm x 16 mm
- **Weight:** approx. 35 g
- **Scope of delivery:** ISDN connection cable

- **Product designation:** COMpact ISDN module
- **Part number:** 90581
- **GTIN code:** 4019377905814

COMpact S₀ module

- **Operation voltage:** from basic unit
- **Installation:** slot in basic unit
- **Internal ISDN port:** 1 S₀ port (PTMP)
- **Dimensions** (w x h x d): 125 mm x 40 mm x 16 mm
- **Weight:** approx. 30 g

- **Product designation:** COMpact S₀ module
- **Part number:** 90580
- **GTIN code:** 4019377905807

COMpact 2a/b module

- **Operation voltage:** from basic unit
- **Installation:** slot in basic unit
- **Subscriber ports:** 2 analogue subscriber, pulse/tone dialling, CLIP/CNIP capable (FSK)
- **Dimensions** (w x h x d): 125 mm x 40 mm x 16 mm
- **Weight:** approx. 20 g

- **Product designation:** COMpact 2a/b module
- **Part number:** 90579
- **GTIN code:** 4019377905791