Modular ITC system - max. 50 users (rack system)

# elmeg ICT880 Rack

- Basic config. 10 users (4S0, 8a/b), up to max. 50 users
- Manifold extension modules (S2M, S0, a/b, Up0, DECT, IP)
- System telephony with ISDN, Up0 or IP system phones
- 4 voice applications on board, hotel appl. supported
- Comprehensive features and team functions
- Modules for fine protection/door intercom/contacts/sensors
- Rack system with opt. expansion unit

# elmeg ICT880 Rack

## Modular ITC system - max. 50 users (rack system)

The ICT880 Rack is a modular DECT-ready ICT system that supports migration to VoIP for medium-sized organizations with up to 50 subscribers. It provides telephone system functionality and voice applications (auto attendant, MOH wake-up call, etc.).

### The 88/118* port concept for ITC professionals: Optimal for professional 19 inch environments

The integration of PABX technology into professional network topologies is made possible with the elmeg ICT880-rack. The flexibly routable linking of workstations in centralized 19" service cabinets, which have prevailed in LAN environments, is thus also possible in the field of ISDN telecommunications. All individual components of the different communication levels are bundled into one overall system with central maintenance.

Most new installations take advantage of structured wiring - but this standard also is fast becoming a favorite for existing office spaces. The elmeg ICT880 rack PABX is ideally suited for just this purpose. All connections, whether analog or digital, emerge from the integrated patch panel at the front.

Should expansion become necessary, the service technician can easily access the system onsite by using the RS 232 or USB ports of the PABX system integrated into the patch panel. The overall system can be configured from any workstation (protected by a PIN, of course) or remotely via ISDN; this is made possible by CAPI or remote CAPI access, respectively.

The elmeg ICT880-rack can also be expanded using modules for xDSL-/ ISDN router functions, S2M primary multiplex port and POTS module for analog exchange lines: Ports for any imaginable use.

*) elmeg ICT880-rack with maximum modular expansion and using the S2M module with 30 digital exchange channels

### Features ICT880-rack / ICT880xt-rack

elmeg ICT880 / 880-rack
Now, expansion has become even more flexible with the new VoIP-VPN Gateway module.

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Can also be used with analog exchange connections with the 2 POTS or 4 POTS modules.

Expansion options:
• Max. 46 digital exchange line channels (up to 8 external S0, up to 1 S2M)
• Max. 40 digital S0 channels (up 20 internal S0)
• Max. 68 digital Up0 channels (up to 34 internal x Up0)
• Max. 4 analog exchange line ports
• Max. 44 analog ports
• Max. 4 door terminals (4 bells possible for each terminal )
• Max. 32 alarm inputs (6 per switching contact module and 8 by means of analog ports on the base moduel)
• Max. 12 switching contacts (3 per switching contact module)
• Max. 88/118 ports in total
• USB port and max. two V.24- in-terfaces

Base module:
• 4 x S0, switchable between internal/external
• 8 internal a/b
  2 module slots for expansions with:
• 2 internal S0, 1 S0 being switchable between internal/external
• 4 internal S0, 1 S0 being switchable between internal/external
• 4 x Up0 *
• 8 x Up0 *
• 4 internal a/b
• 8 internal a/b
• Cordless DECT-system elmeg DECT400 (1can be used)
• VoIP-VPN-gateway (prepared, 1 can be used)

(*a Up0 system telephone or an Up0/S0 converter is required for each Up0)

and 2 slots for:
• S2M module (1x can be used)
• 2 POTS module (connection of 2 analog exchange lines, 1 can be used)
• 4 POTS module (connection of 4 analog exchange lines, 1 can be used)
• Door intercom module (door terminal)
• Switching contact modile comprising 6 alarm input/sensors and switchingcontacts/actuators
• Emergency supply module (emergency supply for a connected and authorized ISDN phone, 1 can be used)

and also:
• ICT router module slot
• Overvoltage protection module

Extension module elmeg ICT880xt / 880xt-rack:
• 6 Up0, 4 internal a/b

2 module slots for expansions with:
• 2 internal S0, 1 S0 being switchable between internal/external
• 4 internal S0, 1 S0 being switchable between internal/external
• 4 x Up0 *
• 8 Up0 * (1 can be used)
• 4 internal a/b
• 8 internal a/b

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(* an Up0 system telephone or an Up0/S0 converter is required for each Up0)

and 2 slots for:
• Door intercom module (door ter-minal)
• Switching contact module com-prising 6 alarm inputs/sensors and switchingcontacts/actuators

and also:
• Overvoltage protection module

## Variants

| | |
|---|---|
| **elmeg ICT880-rack UK** (1090780) | UK version: 4 S0 ext./int., 8 analogue int., interface for the connection of the extension elmeg ICT880xt-rack, 2 module slots (a/b,S0,Up0,DECT,VoIP-VPN Gateway), 2 module slots (TFE, NSP, Switching contacts, PRI, POTS), functionality like elmeg ICT88 |
| **elmeg ICT880-rack** (1089722) | Int. version: 4 S0 ext./int., 8 analogue int., interface for the connection of the extension elmeg ICT880xt-rack, 2 module slots (a/b,S0,Up0,DECT,VoIP-VPN Gateway), 2 module slots (TFE, NSP, Switching contacts, PRI, POTS), functionality like elmeg ICT88 |
| **elmeg ICT880 rack - VoIP** (5510000218) | Bundle: elmeg ICT880-rack (1089722), + M VoIP-VPN Gateway (1091913) + M 8 DSP (1092316) + Patch panel (2209527) |
| **Bundle ICT880-rack DECT** (5510000314) | ICT 880 rack inkl. DECT multicell 4 Baugruppe |

## Accessoires

| **System PABX, Modular** | |
|---|---|
| **elmeg ICT880xt-rack** (1089951) | Int. version: extension for elmeg ICT880-rack with 6 Up0 int., 4 analogue int., interface for the connection with elmeg ICT880-rack, connection cable, 2 module slots (a/b, S0, Up0, DECT), 2 module slots (TFE, NSP, Switching contact module) |
| **Connection set for ICT-rack** (1090399) | Patch panel for installing expansion modules (a/b, S0, Up0, DECT) on elmeg ICT-rack, you need one patch panel for each module |
| **Connection set for VoIP-VPN GW** (2209527) | Patch panel for installing the M VoIP-VPN Gateway on elmeg ICT880-rack |

| **Modules for PABXs** | |
|---|---|
| **Module 4 a/b V2.0** (1091271) | 4 a/b internal, usable on all modular PABXs from Version 5.4 up (also for elmeg C46xe-rack) and elmeg T484 |
| **Module 8 a/b V2.0** (1090984) | 8 a/b internal, usable on all modular PABXs from Version 5.4 up (also for elmeg C46xe-rack) |
| **Module 2 S0 V2.0** (1090917) | 2 S0 usable with ICTseries and elmeg T484; ICT from version 7.3 up 2 S0 external / internal; T484 1 S0 external / internal, 1 S0 internal |

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## Modules for PABXs

| | |
|---|---|
| **Module 4 S0 V2.0** (1090925) | 4 S0 usable with ICTseries from version 7.3 up 2 S0 external / internal, 2 S0 internal |
| **Module 4 Up0** (1092553) | 4 Up0 interfaces for the connection of U-system phones, usable only on ICT-Series |
| **Module 8 Up0** (1091409) | 8 Up0 interfaces for the connection of U-system phones; usable only on ICT-Series |
| **Module 2 POTS** (1091671) | 2 interfaces for the connection to analogue main connections (POTS) or gateways, usable on ICT46, ICT88, ICT880 und ICT880-rack |
| **M 8 DSP** (1092316) | Module with 8 digital, highly compressed voice channels, speech compression (Codecs) as per G.711, G.723.1, G.726, G.729a/b |
| **Module TFE** (1085085) | Module with door interface; usable on: elmeg ICT-Series, elmeg T484 |
| **M 32 DSP** (5510000041) | Module for ICT and modular hybrid systems with 32 digital, highly compressed voice channels, speech compression (Codecs) as per G.711, G.723.1, G.726, G.729a/b |
| **Module FSM** (1086774) | Usable on elmeg T484, elmeg hybird, elmeg C46e / C46xe / C48m / C48.net / C46xe-rack / C46xe-rack-plus / C88m / C88m Up0 / ICT-Series |

## DECT System elmeg DECT400

| | |
|---|---|
| **elmeg DECT multicell 4** (3667171) | DECT400: Integrated DECT multicell system for the ICT systems with system features, DECT controller module for the connection of up to 4 elmeg DECT rfp with automatic handover. Usage of up to 40 handsets, 16 simultaneous speech channels |
| **elmeg DECT multicell 2** (3667355) | DECT400: Integrated DECT multicell system for the ICT systems with system features, DECT controller module for the connection of up to 2 elmeg DECT rfp with automatic handover. Usage of up to 40 handsets, 8 simultaneous speech channels |