Elmeg ICT88
Flexible growth through modular expansion

The modular expansion of the Elmeg ICT88 PABX systems permits a gradual upgrade to more lines and, or extensions as and when they are needed. There are multiple options for trunk line interface and up to 32 terminal devices can be added. Additional modules for switching contact, emergency operation of a ISDN phones in case of power failure, or door intercom systems can be connected as well. The vast variety of possible configurations achieved by combining different expansion modules can be customized to fit your needs perfectly, and the Elmeg PABX system can grow in an economically efficient manner. With an eye to the future, the Elmeg ICT88 has the option though the daughter card slot to utilise VoIP trunks and offers call quality assurance through the on board firmware and latest codec protocols.

Basic configuration
- 4 x ISDN int./ext. ports
- 8 x analogue extensions
- 2 x daughter card slots

Expansion modules
- PRI card
- internal/external ISDN S0 connection
- Analogue port a/b (internal only)

Features
- Max. 30 digital exchange line channels (*Using PRI)
- Max. 32 digital S0 channels (*Using PRI)
- Max. 16 digital Up0 channels
- Max. 4 analogue exchange line ports
- Max. 24 analogue ports
- Max. 1 door terminals (4 bells possible for each terminal)
- Max. 12 alarm inputs (6 per switching contact module and 6 by means of analogue ports on the base module)
- Max. 3 switching contacts (3 per switching contact module)
- Max. 1 external MoH (external Music on Hold input without loosing an analogue port)
- Max. 34 ports in total
- USB-port and V.24-interface

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2 module slots for expansions with:

- 2 internal S0, 1 S0 being switch able between internal/external
- 4 internal S0, 1 S0 being switch able between internal/external
- 4 x Up0 *
- 8 x Up0 * (1 can be used)
- 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 a Up0/S0 converter is required for each Up0)

and 1 slot for:

- 2 POTS-module (connection of 2 analogue exchange lines, 1 can be used)

or

- 4 POTS-module (connection of 4 analogue exchange lines, 1 can be used)

and 1 Slot for:

- Door intercom module (door terminal)
- Switching contact module comprising 6 alarm inputs/sensors and switching contacts/actuators
- Emergency supply module (emergency supply for a connected and authorized ISDN phone, 1 can beused)

and also:

- ICT router module slot
- Over voltage protection module

ICT 88 Expansion Overview

Basic Configuration

ICT88 Default	Channels	Trunk Connections	ISDN Extensions	Analogue Extensions
4 x S0 ports	8	4/0	0/4	0
8 x a/b ports	8	0	0	8

Expansion Options

	Channels	SIP Trunks	Trunk Connections	Digital Extn	Analogue Extn	VoIP/SIP Extn
2S0 ISDN trunk/digital extension card	4	0	2/0	0/4	0	0
4S0 ISDN trunk/digital extension card	8	0	2/0	0/8	0	0
4 analogue extension card	4	0	0	0	4	0
8 analogue extension card	8	0	0	0	8	0
4Up0 2 wire digital extension card	4	0	0	4	0	0
8Up0 2 wire digital extension card	8	0	0	8	0	0
Analogue Trunk Card 2 Lines (POTS)	2	0	2	0	0	0
Analogue Trunk Card 4 Lines (POTS)	4	0	4	0	0	0
VoIP Gateway	N/A	N/A	N/A	N/A	N/A	40
4DSP*	4	4	4	0	0	N/A
8DSP*	8	8	8	0	0	N/A
Maximum Expansion	32	8	8	24*	24	40

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