



TR7000 (top) and TR5000 (bottom) interface frames



IL5000  
IP linker



CE6000  
6-to-1 concentrator

## Digital interface frames and cards

The interface frames are connected to the digital ports in a KROMA matrix to allow external audio sources into the talkback system.

Two different frames are available, with 2 and 6 cards capacities (12 in double-rear configuration). TR7000 provided with redundant PSU.

The interfaces available range from additional 4-wires or 2-wires audio ports, telephone and GSM, as well as ISDN.

## Linkers

The IP linkers, specially useful with TB7000 and TB3000 systems, turn digital ports into IP ports. They may be used for remote panel connections (with an IP-capable user panel) or matrix linking (IP ports should be available at both matrix ends).

Two matrixes can be linked via digital ports by using a ML7018. Indeed, systems larger than 128 ports may be implemented by linking two TB7000 matrixes.

## Concentrator 6-to-1

A CE6000 concentrator can be used to implement a party line system with BP6000 analogue beltpacks or 4-wires camera CCUs, using only 1 analogue port in the matrix.

## Other interfaces

A GPIO digital interface is available, featuring 20 contact closure ports.

Interfaces for the 4-wires analogue ports are also available, such as 2-wires or telephone lines interfaces.

## Interfaces for analogue ports

### Analogue interfaces

CE6000X01	6-to-1 concentrator. Six 4-wires ports.
EL6000X01	Interface for 4-wires. 2 ports to 1 port - 1 RU high, 1/2 RU wide
EL6001X01	Interface for 2-wires. 4 ports to 1 port - 1 RU high, 1/2 RU wide
IR6000R01	Interface for radio telephone (Walkie RF), 1 port
HN6000X01	Interface for telephone lines, 1 port - 1 RU high, 1/2 RU wide

## Linkers

### IP linkers

IL5004R02	IP linker. 4 analogue, 4 digital, 4 IP ports. 1RU high
IL5008R01	IP linker. 4 analogue, 8 digital, 8 IP ports. 1RU high
IL5016R01	IP linker. 4 analogue, 16 digital, 16 IP ports. 1RU high

### ISDN linkers

TD7004X01	Remote panel linker via ISDN, 1 port. Interface card, requires an interface frame
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### Matrix linkers

ML7018	Matrix linker via digital ports, 36 ports (18 links) - 1RU high
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### Other

RD7020	Digital signal regenerator - 1RU high
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## Interfaces for digital ports

### Digital Interface frames

TR7000R01	3RU interface frame for 6 cards in simple rear and 12 in double rear
TR5000R01	1RU interface frame for 2 cards

### Interface cards - Analogue audio

TA7000X01	4 wires audio interface card (transformer isolated). 4 ports
TA7001X01	4 wires audio interface card (with ISDN Pronto controller). 4 ports
TA7003X01	2 wires audio interface card (transformer isolated). 4 ports

### Interface cards - Phone & GSM

TA7002X01	Telephone line interface card. 2 ports
TD7001X01	GSM card interface card. 1 port
TA7004X01	Telephone set interface card. 2 ports.

### Interface cards - ISDN

TD7000X01	ISDN line interface card (G711 protocol). 2 ports
TD7003X01	ISDN lines Prody's Pronto encoder (G711 and G722 protocols). 2 ports 1 RU high - TA7001X01 card required

### Other

GP7020	GPIO interface. 20 ports - 1RU high
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