

CATCORE[®]

The clever adapter system
for XLR over CAT!



Product overview

Brief description

CatCore - the clever adapter system for XLR over Cat!

CatCore is a versatile adapter system, transporting up to four separate signals along a network cable instead of separate XLR. The four twisted pairs within the cat-cable enable a very compact multicore. As the transmission is only electrical, its not limited to specific signals. CatCore can be used for analog and digital audio, DMX and intercom. Typical applications are structurized cabling on stages, in permanent installations and exhibition booths. CatCore offers suitable components for signal chain from source to drain. Standardized cables combined with exchangeable stageboxes and rack units offer various combinations. Our universal amp patchbays allow integrating CatCore in speaker systems of any brand.

Perfect for:

- Analog and digital audio (AES/EBU)
- DMX
- Intercom

Key features:

- Rugged housings
- Versatile fixing
- High quality look and haptics
- Laser engraving
- Universally combineable
- Various applications as subsnakes and small multicores
- DMX-multicores to FOH
- Sorted truss cabling
- Structurized DMX networks
- Simple pre-wiring in exhibition booths
- Use of pre-installed lines in buildings





SMS - Single row stagebox

2x Ethercon to 4 x XLR, M10 thread and versatile fixing possibilities

| | |
|--------|-------------------------|
| SMS 3M | 3 pin male |
| SMS 3F | 3 pin female |
| SMS 5M | 5 pin male |
| SMS 5F | 5 pin female |
| SMS 3J | 3 pin female/6,3mm Jack |

SMS-C - Compact stagebox

1x Ethercon to 4 x XLR, versatile fixing possibilities

| | |
|----------|--------------|
| SMS-C 3M | 3 pin male |
| SMS-C 3F | 3 pin female |
| SMS-C 5M | 5 pin male |
| SMS-C 5F | 5 pin female |



SMD - Double row stagebox

2x Ethercon 8 x XLR, M10 thread and versatile fixing possibilities

Rows wired parallel

| | |
|------------|-----------------------------|
| SMD-P 3M3F | 3 pin male / 3 pin female |
| SMD-P 3M5M | 3 pin male / 5 pin male |
| SMD-P 3F5F | 3 pin female / 5 pin female |
| SMD-P 5M5F | 5 pin male / 5 pin female |

SP - Snake

1x Ethercon to 4 x tails 0,6m versatile fixing possibilities

| | |
|---------|-------------------------------------|
| SP - 3M | 3 pin male |
| SP - 3F | 3 pin female |
| SP - 5M | 5 pin male |
| SP - 5F | 5 pin female |
| SP - 3C | 3 pin Convertcon male/female unisex |
| SP - DJ | 2x 3 pin XLR female, 2x 6,3mm Jack |



Rack units

RSS - Rack unit

1RU rack unit,

1 CatCore universe with link output

Front: 2x Ethercon, 4x XLR.

Back closed

or linked through outlets



| | |
|---------|--------------------|
| RSSX 3M | Front 3 pin male |
| RSSX 3F | Front 3 pin female |
| RSSX 5M | Front 5 pin male |
| RSSX 5F | Front 5 pin female |

| | |
|----------|-------------------------------------|
| RSS 3M3F | Front 3 pin male, back 3 pin female |
| RSS 3F3M | Front 3 pin female, back 3 pin male |
| RSS 5M5F | Front 5 pin male, back 5 pin female |
| RSS 5F5M | Front 5 pin female, back 5 pin male |

RSD - Rack unit

1RU rack unit,

2x CatCore universe with link output

Front: 2 units, each

2x Ethercon, 4x XLR.

Back closed

or linked through outlets



| | |
|---------|------------------------|
| RSDX 3M | Front: 2x 3 pin male |
| RSDX 3F | Front: 2x 3 pin female |
| RSDX 5M | Front: 2x 5 pin male |
| RSDX 5F | Front: 2x 5 pin female |

| | |
|----------|---|
| RSD 3M3F | Front: 2x 3 pin male, back 3 pin female |
| RSD 3F3M | Front: 2x 3 pin female, back 3 pin male |
| RSD 5M5F | Front: 2x 5 pin male, back 5 pin female |
| RSD 5F5M | Front: 2x 5 pin female, back 5 pin male |

Panels for audio amps

LS-X4-D Audio / Speaker panel 4ch



Patchbay for quad channel amps incl. CatCore in/out
Extreme low profile
4x Audio in/out XLR + CatCore
2x AES/EBU Input (XLR)
4x Speakon-out single
2x Speakon-out 2-channel
1x Speakon out 8 pin 4-channel
2x Ethercon feedthrough
1x Cable tunnel M25

LS-X8-D NF - Input panel 8ch

Patchbay for 8-channel amps incl. CatCore in/out

Extreme low profile

8x Audio in/out XLR + CatCore

8x AES/EBU in XLR + CatCore

2x Ethercon feedthrough



LS-X8-LS Speakerpanel 8ch

Speaker patchbay for 8-channel amps

Extreme low profile

8x Speakon-out single

4x Speakon-out 2-channel

2x Speakon out 8 pin 4-channel

1x Cable tunnel M25



Our Speakon breakout boxes consequently follow CatCores philosophy of the X4 and X8 patchbays by using NL8 as quad speaker multicore. Our product lines feature different pinouts to meet individual requirements. No matter if compact or multifunctional – our speakon boxes comply with CatCore design and quality standards.



SBB-C Speakon Breakout-Box 1 in 4

- Compact breakout box 1x NL8 to 4x NL4
- Rugged aluminium housing with laser engraving
- Fixing points for safety wires or permanent install
- Pinout "mix": A+B / B / C+D / D
- Pinout "parallel": A+A / B+B / C+C / D+D

SBB-U - Speakon Breakout-Box universal

- Breakout Box NL8 with loop out and various connections
- Rugged aluminium housing with laser engraving
- Fixing points for safety wires or permanent installation, M10 thread on bottom
- 2x NL8 male / 1x NL8 female
- 6x NL4 male

Pinout NL4 basic:
A / B / C / D
A+B / C+D

Pinout NL4 parallel:
AA / BB / CC / DD
A+B / C+D



Think Solutions GmbH

Schnieglinger Straße 166
D - 90425 Nuremberg
Germany

e-mail: info@catcore.eu

web: www.catcore.eu



www.facebook.com/catcoreeu

CatCore – the universal four channel multicore family

CatCore is a universal adapter system for sending four analog or digital audio or DMX universes down Cat5/6/7 lines. CatCore provides compact and effective multicore solutions and therefore is perfect fit for multi channel audio amps.

Our panels feature multiple connections for audio, speaker and power at a very compact design. Integrated CatCore connections allow daisy chaining of racks or even setting up master/slave configurations with the two channel panels.

Our speakon breakout boxes consequently follow our four channel philosophy.

X2 Speakerpanel

Front:

- In/out via CatCore (4 channel)
- Audio in (Ch 1+2), Audio out (Ch 3+4)
- Speakon out 2x 4pin(A+B / B)
- Powercon in/out

Rear:

- Audio out (Ch 1-4)
- Speakon in 1x4pin (A+B)
- Powercon out



X4 Compact speakerpanel

Front:

- In/out via CatCore (4 channel)
- Audio in (Ch 1-4)
- Speakon out 4x 4pin (A+B / B / C+D / D)
- Powercon in/out

Rear:

- Audio out (Ch 1-4)
- Speakon in 2x4pin (A+B / C+D)
- Powercon out



CatCore – the universal four channel multicore family

CatCore offers a simple solution to transmit digital and analog audio, DMX and intercom via network cables. Apart from mobile applications CatCore also offers different solutions for permanent installations.

Network cables offer various advantages compared to conventional media cabling:

- Easy cable pulling and terminating done by electrical companies
- Low costs at installation and terminating
- Use of duplex-lines as backup
- Less number of cable types on site
- Change of use for existing lines
- No soldering required
- Easy testing upfront

SMS - Insta

- Rugged aluminium housing with laser engraving
- Various fixing options for placing on walls or furniture
- Cable inlet avoiding disconnecting
- Inlet can be placed left or right
- LSA+ / KRONE insulation displacement termination



| | |
|-----------------|--------------|
| SMS-I 3M | 3 pin male |
| SMS-I 3F | 3 pin female |
| SMS-I 5M | 5 pin male |
| SMS-I 5F | 5 pin female |



Wall outlet

- Worldwide unique design for 4x XLR in one outlet
- Usable for wall sockets 40mm or deeper
- High quality aluminum front
- LSA+ / KRONE insulation displacement termination
- Available in white, aluminium or black
- Compatible with Busch-Jaeger Future Linear

| | |
|----------------|--------------|
| UP - 3M | 3 pin male |
| UP - 3F | 3 pin female |
| UP - 5M | 5 pin male |
| UP - 5F | 5 pin female |

Sys-Mod Front panel

- Suitable for "SysFloor®" and SysBOXX®" by Sommercable
- 2RU / 2TE, allows placing for example a Schucko outlet within dimensions of floor tank
- LSA+ / KRONE insulation displacement termination
- Additional RJ45 connector, for linking to EDAT or Keystone modules



| | | | |
|------------------|--------------|------------------|--------------|
| SMod - 3M | 3 pin male | SMod - 5M | 5 pin male |
| SMod - 3F | 3 pin female | SMod - 5F | 5 pin female |

Think Solutions GmbH

Schnieglinger Str. 166
D - 90425 Nuremberg
Germany

e-mail: info@catcore.eu

web: www.catcore.eu

 www.facebook.com/catcoreeu

More informations at:

Think Solutions GmbH

Schnieglinger Straße 166
90425 Nuremberg
Germany

e-mail: info@catcore.eu

web: www.catcore.eu

 www.facebook.com/catcoreeu

