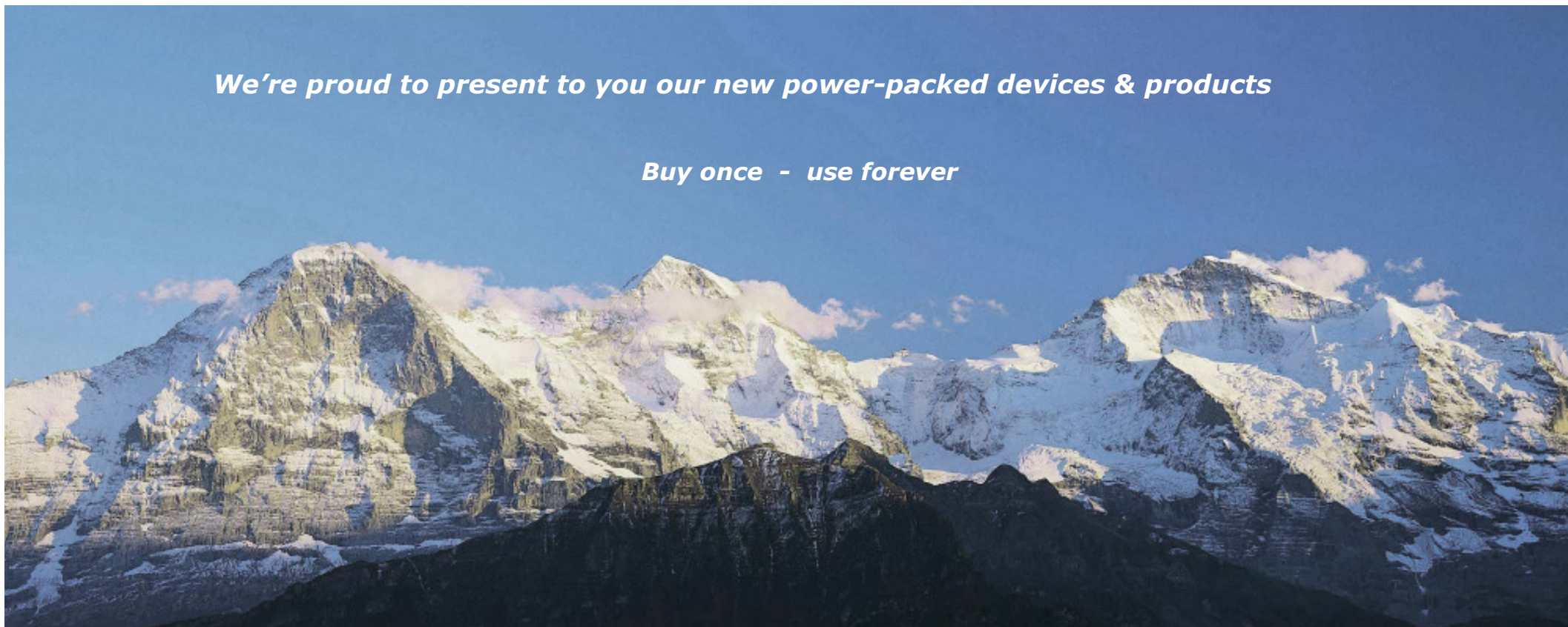




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Product News 2009



Audio @ Video @ Data Communications



Multimedia Projects 2008 / 2009



Sky Media Center Milan, Italy



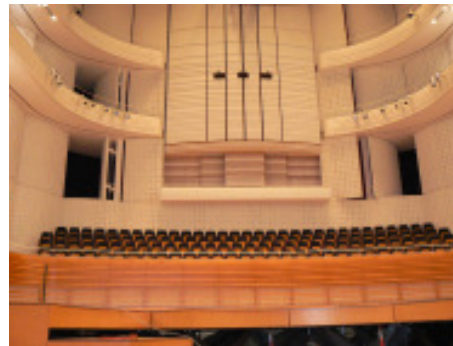
News regie Sky, Italy



Main Control Sky TV/Radio in Milan, Italy



Congress hall KKL Lucerne, Switzerland
www.kkl-luzern.ch



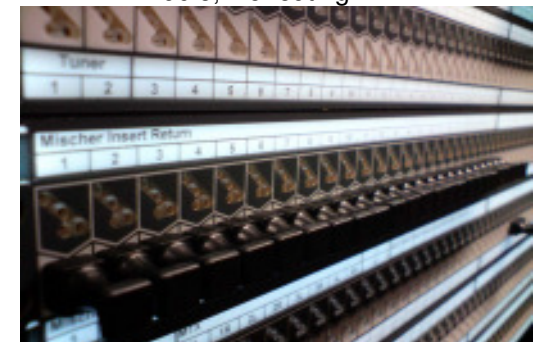
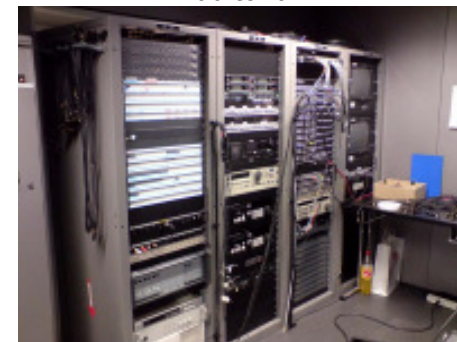
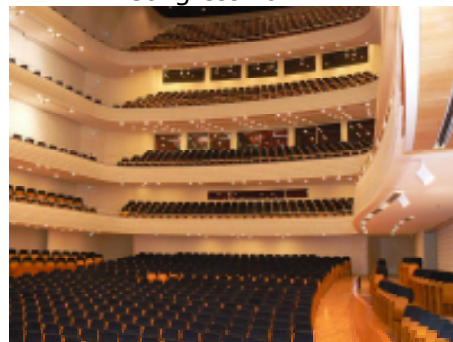
Congress hall



Auditorium



Audio, Mic routing



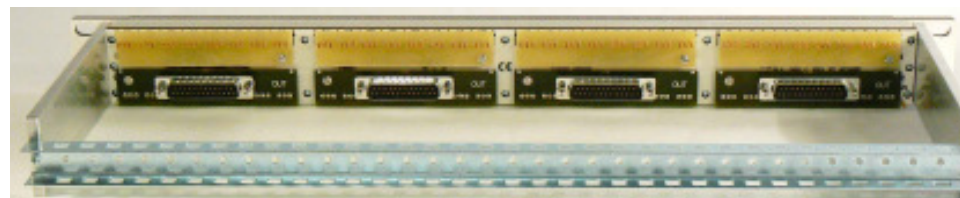
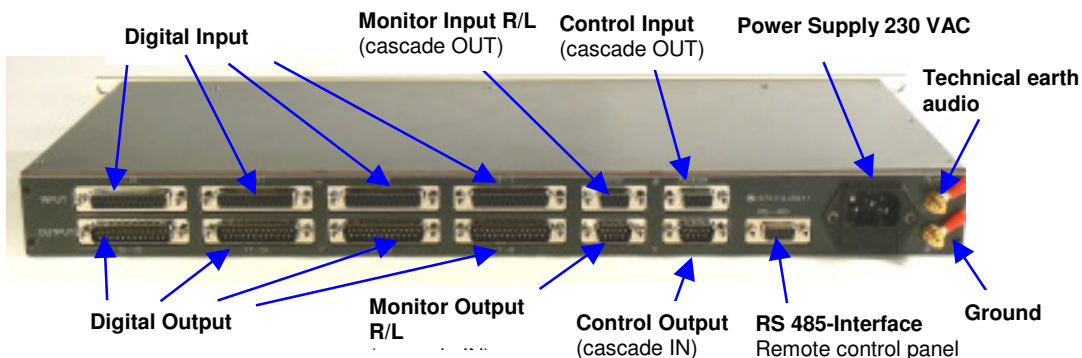
Audio Monitoring Router: 64/32 channels – AES/EBU – analog - 19"/1RU - cascadable – remote/local control RS



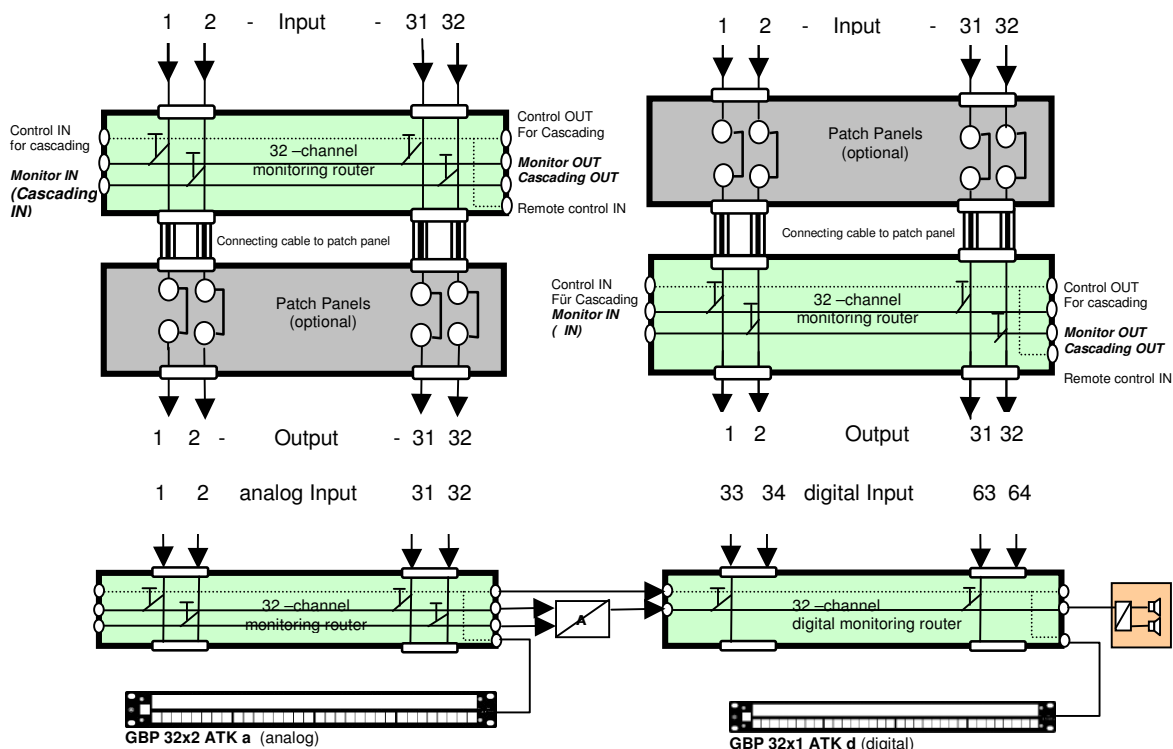
ATK 64x2 a



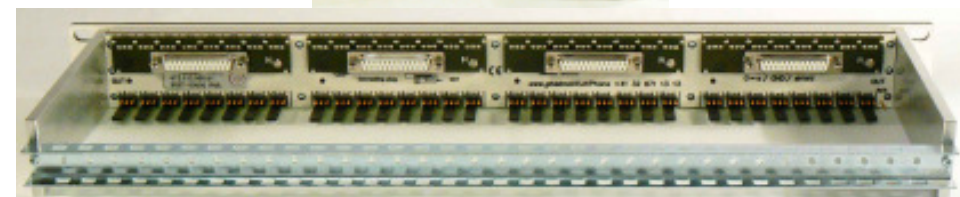
GBP 32x2 ATK a Control Panel 32-channels



Patch Panel ASF 1x32 AV



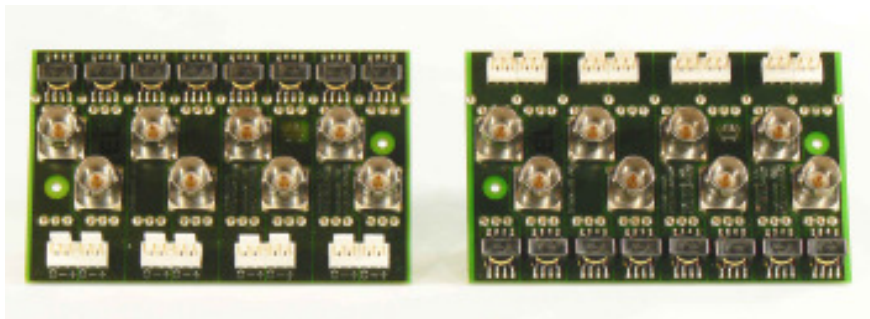
ATK 32x1 C d – digital / ATK 32x1 C d - analog



Patch Panel ASF 1x32 AV

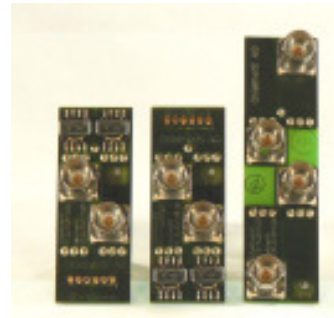
Impedance conversion in audio networks

110 Ω balanced → 75 Ω unbalanced - 75 Ω unbalanced → 110 Ω balanced - 75 Ω unbalanced → 110 Ω balanced → 75 Ω unbalanced



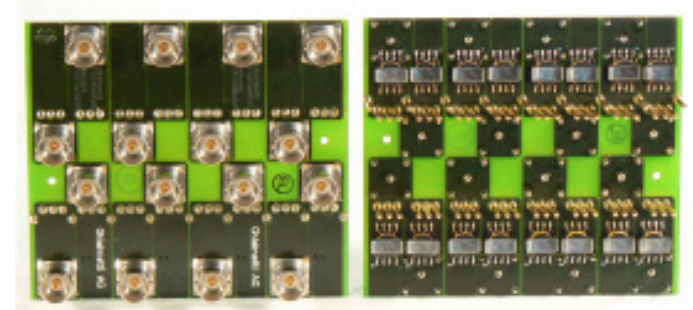
Module 1
8-channels: 110 Ω → 75 Ω

Module 2
8-channels: 75 Ω → 110 Ω

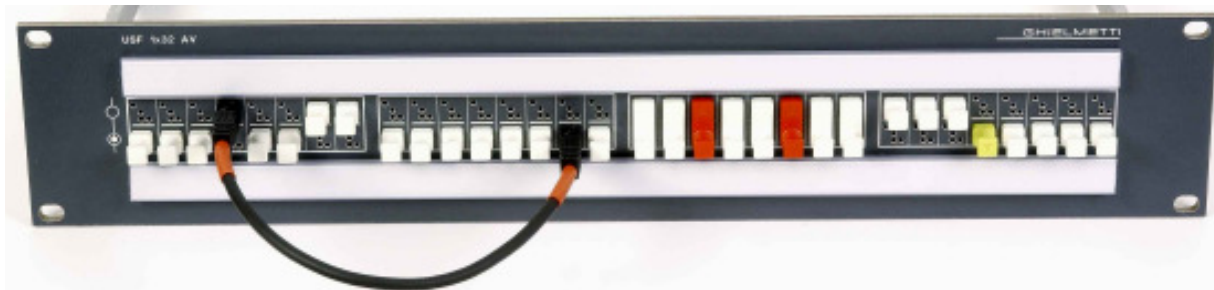
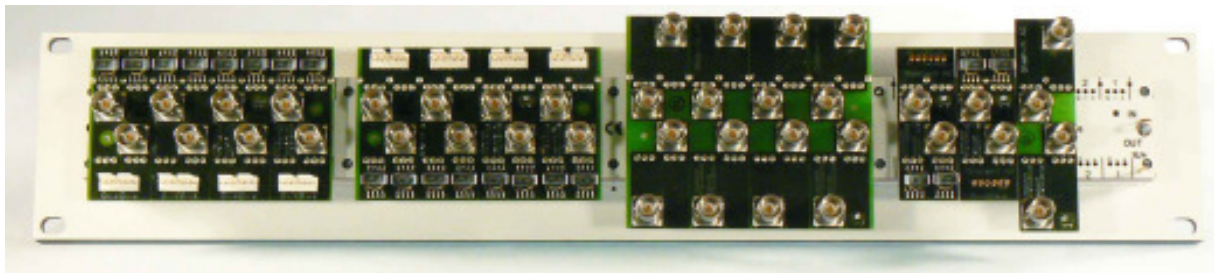


Module 1,2
2-channels
75→110 Ω
110→75 Ω

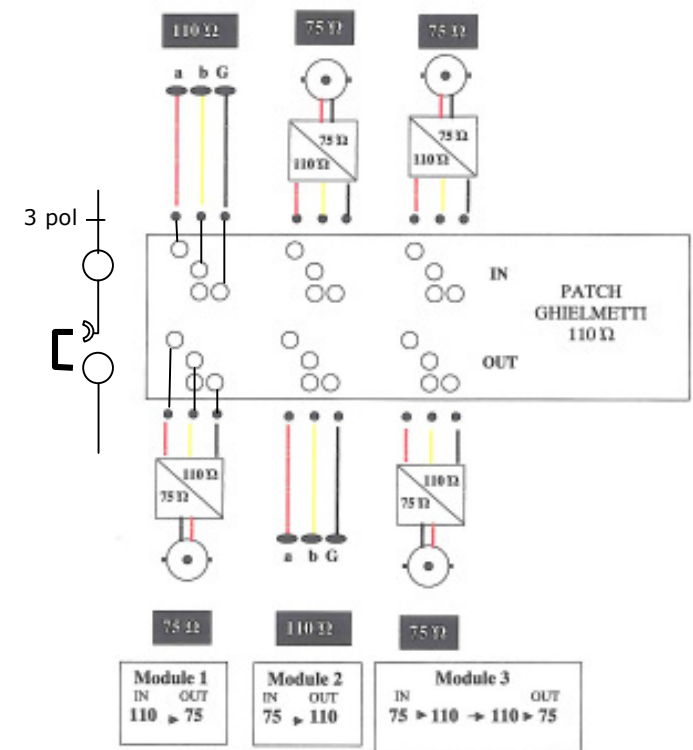
Module 3
2-channels
75-110/110-75 Ω



Module 3
8-channels: 75-110 → 110-75 Ω



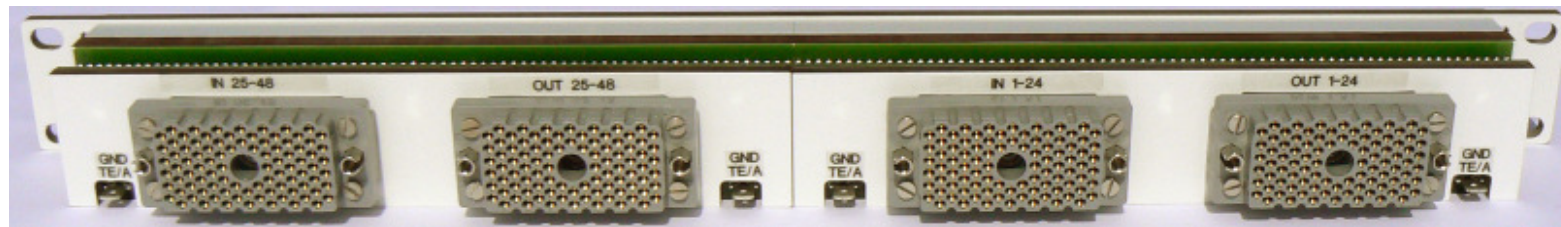
Universal Connecting Patch Panel **USF 1x32 AV 3/2 IMP** may be used as impedance converter unit in each direction 110 Ω → 75 Ω and 75 Ω → 110 Ω





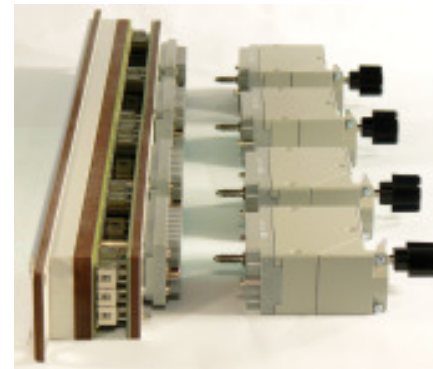
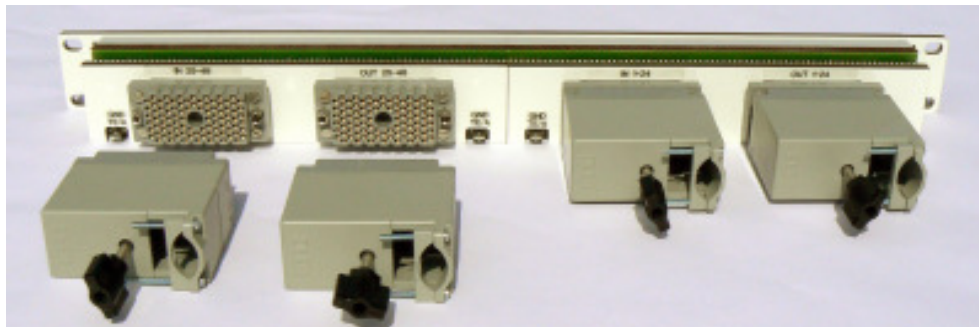
CSF 1x48 AV 3/1 EDAC 90 ff

96-channels in 19" 1RU

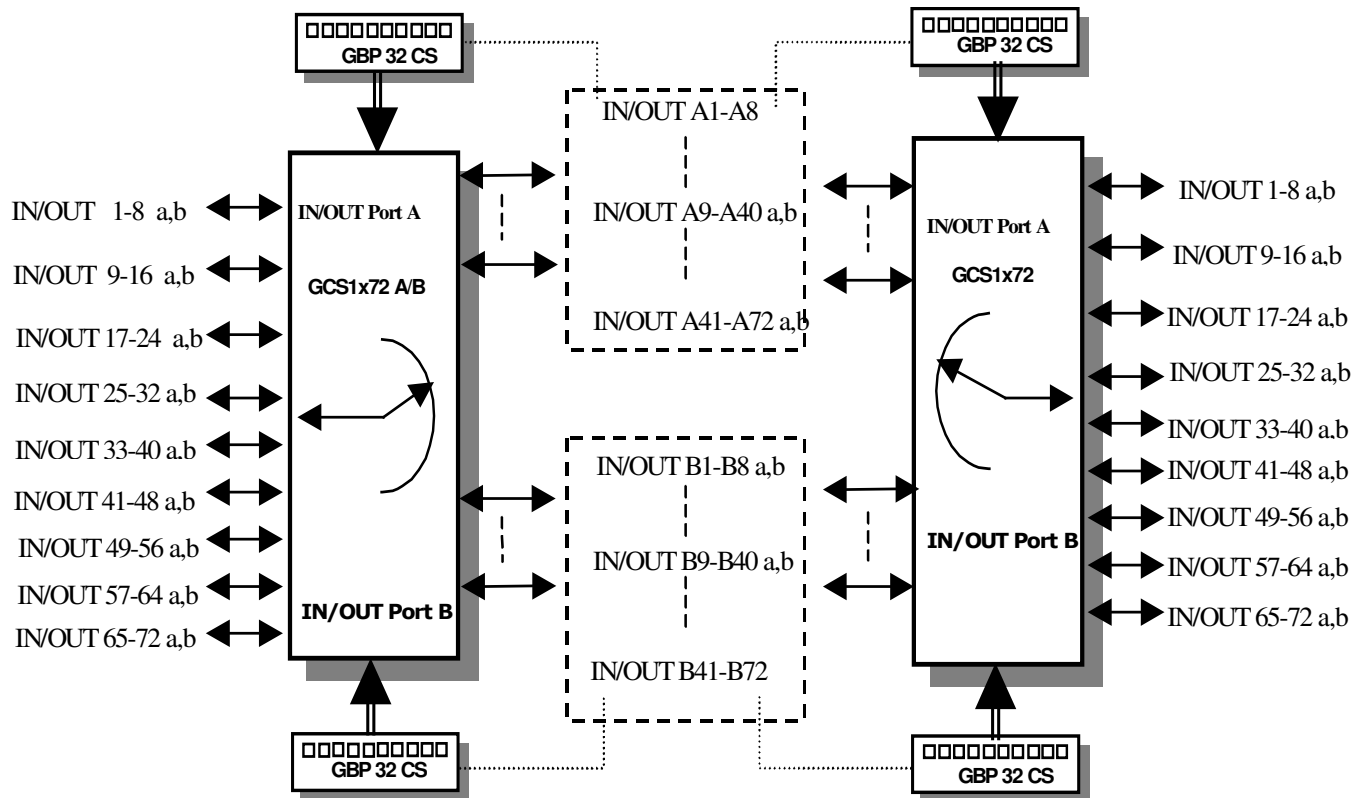


Compact Connecting Patch Panel, 96 channels, 3-pole, 19", 1RU

The 96 channel **Compact Patch Panel CSF 1x48 AV 3/1 EDAC90 ff** was developed for connecting and routing of 3-pole (shielded twisted pair) signals by EDAC 90-pole connectors. The high-quality construction with the specific gold contact system guarantees an extremely high contact safety as well as best transmission and cross talk data (>90dB). The **Compact Patch Panel** is mainly used for the connection of 48 incoming with 48 outgoing lines. The direct connections (normalling) are made in the lower row of the patch panel by connecting plugs that are included in the shipment. If no plug is inserted, the line is interrupted. For the signalization of an open connection, the plug is inserted in the upper row (no routing occur). Each incoming line (upper row) can be connected to any outgoing line (lower row) with the help of patch cords. The EDAC-interconnection makes a fast and secure connection of the **Compact Patch Panel** to the network cabling. Each EDAC Connector is built for 16 incoming and 16 outgoing lines.

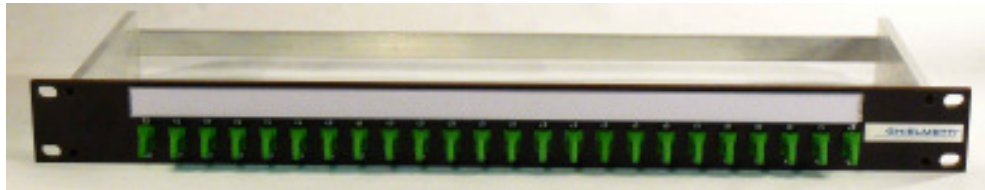


Signal Change Over
from 8 up to 72 2-pole-channels in steps by 8 channels
local or remote control by RS 485 with control panels
GCS 1x8 AB up to GCS 1x72 AB



Control panel

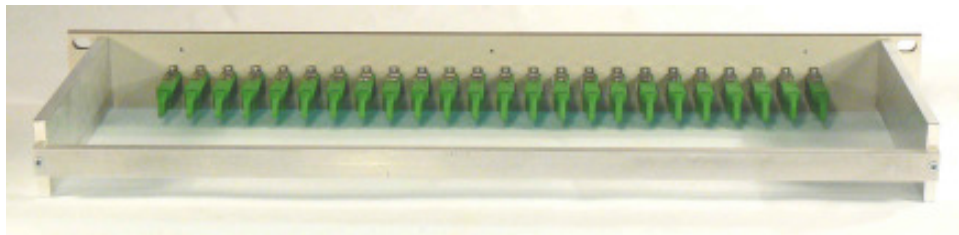
Fiber Optic Patch Panels and Cables For Multimode MM and Singlemode SM connections



GFO 1x16 E2000



FO Patch including Splice Box



Fan-Out and Break-Out cables for fast installation and interconnection



Break-Out Cable

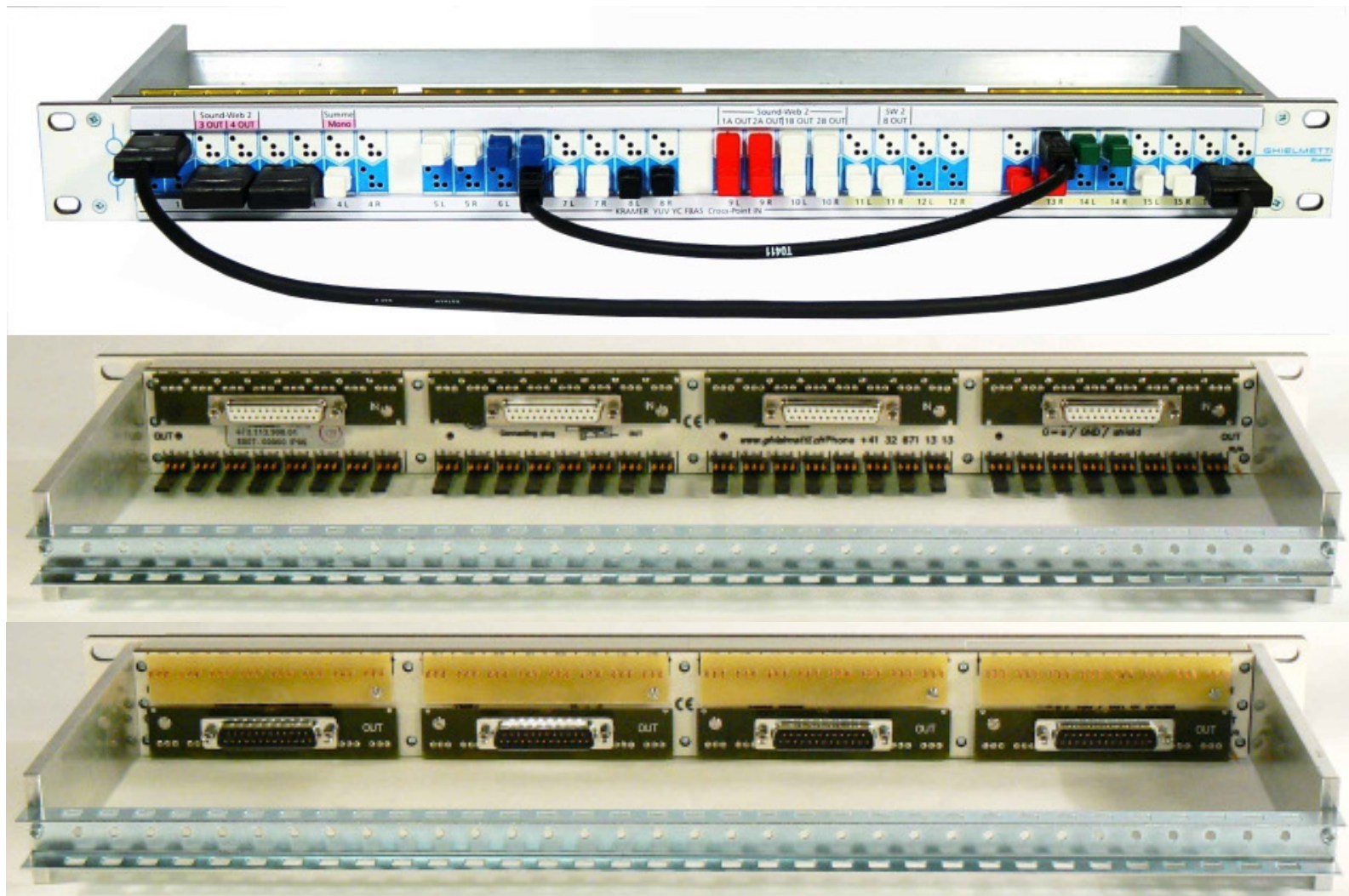


Fan-Out Cable

The NEW Audio Patch Generation with individual direct connections to mixers, routers or monitoring units

ASF 1x32 AV 3/1 D25

64 channels audio digital/analog - 19"/1U
Flexible routing facilities with 2-pole,3-pole or 6-pole normalling plugs and patch cords



HDTV Video Panels up to 3 GHz

with illuminated front panel

GVP 1x32 AV 1/1 M Light

GVP 2x26 A 1/2 M Light

32 Channels HDTV /SDI – Midsize – self normalling – self terminating

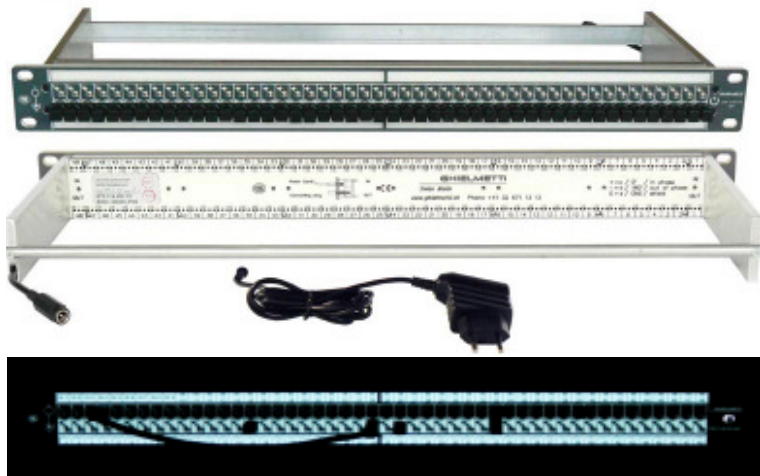


GVP 2x32 A 1/1 M T75AD Light

The front panel illumination is generated by a front panel integrated EL-foil, fed by a 12VDC commercial power supply adaptor. The exchangeable designation strips are commercial transparent foils, which can be labelled and printed off by any type of printer. After printing they are cut off to size and inserted into the front panel. The designation strips are background illuminated and therefore optimally readable even with bad environment illumination. The front panel illumination can be switched off by a push button.

Compact Connecting Patch Panel with integrated illumination

CSF 1x48 AV 3/1 SA Light



CSF patch panels of the "Light" edition are equipped with a background illumination. This enables a safe operation even in a dark environment. The background illumination lights up not only all connecting points but also the designation strips so that the text can be read perfectly. The brightness may be adjusted stepwise by the turn on button. Several CSF Patch Panels may be cascaded with a jumper cable.

Technical specifications

The technical specifications are equivalent to the ones of the respective standard types of each model. The background illumination is fed by a 12V/500mA/6W power source or by a commercial power supply adapter 230VAC/12VDC/500mA/6W. Several CSF light panels may be fed with a suitable power supply adapter.

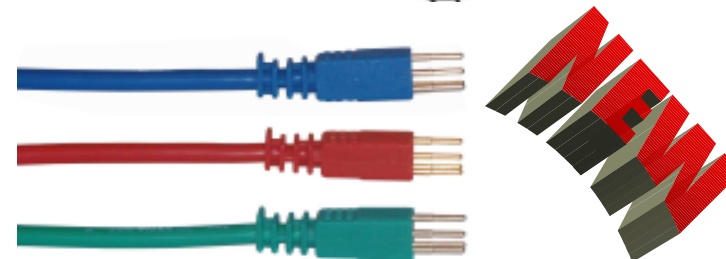


Push button with signalling LED

- a) Turn lighting on/off
- b) Program lighting level (LED blinks)

Areas of use

Sound studios	Concert halls	TV studios	Dimmed studio operations
Video studios	Video cutting/editing rooms	Control rooms	Theatres, stages tech
Radio studios	Rack installations	O.B. vans	Main control rooms





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