

GHIelmetti



Multimedia Communication



We are at your disposal

We are a team of enthusiastic specialists – each of us in our own field – in production, final assembly and quality management, in process engineering, production planning, electronics and software development as well as in the engineering of state-of-the-art devices and equipment. In the international sales department we communicate in several languages with our customers around the globe.

«Ghielmetti – use forever»

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Electronic Routing, Monitoring, Test

GMS 1820 A

678.110.100.01



- › Analog Audio-Monitor-System, mono
- › 8 analog in, symmetrical
- › Screw type connectors
- › Input impedance 10 kOhm
- › 1 loudspeaker 2W RMS
- › 1 volume control
- › 8 channel selector buttons with LED
- › 1 Mute-button
- › Power supply: 85 VAC–264 VAC, 20 VA
- › 19", 1 U, case depth 150 mm

GMS 1810 D P 7

678.110.103.00



- › Audio-Monitor-System, digital
- › 7 digital in AES/EBU, rear, balanced, XLR f
- › 1 digital in, front, balanced, G3P (Ghielmetti 3-pole)
- › Input impedance 10 Ohm digital
- › Audio level for 2 channels and phase meter
- › 1 digital out, rear, balanced, XLR m
- › 1 analog out stereo, rear, balanced, XLR m
- › Output impedance 100 ohm analog, 110 Ohm digital
- › 2 Speaker 2W RMS per channel
- › Input preamp adjustable in 3 steps
- › 1 Headphone Jack 6.35 mm
- › 8 Channel Selector LED-Switch
- › 1 Mute Button
- › 1 Stereo Switch
- › 1 Mono Switch
- › ON/OFF Switch
- › Power supply: 85VAC – 264VAC, 20VA
- › 1 Power Cable
- › 19", 1U, black housing, Depth: 150mm
- › Front Panel anthracite
- › 1 Designation strip front
- › Weight: 2.9 kg

GMS 1800 D P

678.110.102.00



- › Audio-Monitor-System, digital
- › 8 digital in AES/EBU, rear, balanced, XLR f
- › 1 digital in, front, balanced, G3P (Ghielmetti 3-pole)
- › Input impedance 10 Ohm digital
- › Audio level for 2 channels and phase meter
- › 1 digital out, rear, balanced, XLR m
- › 1 analog out stereo, rear, balanced, XLR m
- › Output impedance 100 ohm analog, 110 Ohm digital
- › 2 Speaker 2W RMS per channel
- › Input preamp adjustable in 3 steps
- › 1 Headphone Jack 6.35 mm
- › 8 Channel Selector LED-Switch
- › 1 Mute Button
- › 1 Stereo Switch
- › 1 Mono Switch
- › ON/OFF Switch
- › Power supply: 85VAC – 264VAC, 20VA
- › 1 Power Cable
- › 19", 1U, black housing ,Depth: 150mm
- › Front Panel anthracite
- › 1 Designation strip front
- › Weight: 2.9 kg

GMS 1800 A P

678.110.104.00



- › Audio Monitor System, analog
- › 8 channel mono, 4 channel stereo
- › 8 Analog in, rear, balanced, XLR f
- › 2 Analog in, front, balanced, G3P (Ghielmetti 3-pole)
- › 2 Analog out, rear, balanced, XLR m
- › Input impedance 230 kOhm
- › Output impedance: 100 Ohm
- › Audio level for 2 channels and phase meter
- › 2 Speaker 2 W RMS each channel
- › 1 Headphone jack, 6.35 mm
- › 8 channel selector button with LED
- › 1 Mute button
- › 1 Stereo button
- › 1 Mono button
- › ON/OFF Switch
- › Supply: 85 VAC – 264 VAC, 20 VA
- › 1 Power Cable
- › 19", 1 U, black, Depth: 150 mm
- › front panel anthracite
- › 1 Designation strip

GMS 1800 AD P

678.110.101.10



- › Audio Monitor System, analog and digital
- › 3 analog in stereo
- › 1 analog out stereo
- › 4 digital input, AES/EBU
- › 1 digital out, AES/EBU
- › Level and phase meter
- › Input preamp adjustable in 3 steps
- › 2 Speakers 2W RMS per channel
- › 1 Headphone, Jack 6.35 mm
- › 10 Channel selector LED-Switch
- › 1 Mute button
- › 1 Stereo button
- › 1 Mono button
- › ON/OFF switch
- › Power supply: 85 VAC – 264 VAC, 20 VA
- › 1 Power cable
- › 1 Designation strip front
- › 19", 1U, black
- › Depth: 150 mm
- › Weight: 2.9 kg

GMS 2130

678.110.086.30



- › Audio Test & Monitor System
- › Audio level and phase meter, stereo
- › 2 integrated monitoring router: analog 3:1, digital 4:1
- › DA converter
- › 2x Analog stereo in, rear side XLR
- › 1x Analog stereo in, front side G3P
- › 1x Analog stereo out, rear side XLR
- › 3x Digital in, rear side XLR
- › 1x Digital in, front side G3P
- › 2 integrated high quality loudspeakers 10 W
- › Power supply 90–267 VAC
- › 19", 2 U rack, black
- › Front panel anthracite
- › 3 Patchcords 60 cm (red, green & blue colour)
- › 1 adapter cable GXK 313/30 m (XLR male)
- › 1 adapter cable GXK 313/30 f (XLR female)
- › 1 power cable

GMS 2120

678.110.086.20



- › Audio Test & Monitor System
- › Audio level and phase meter, stereo
- › Noise generator for white and pink noise
- › 3 separate audio stereo outputs with storing volume control
- › AD/DA converter
- › 2 integrated monitoring router: analog 3:1, digital 4:1
- › 2x Analog stereo in, rear side XLR
- › 1x Analog stereo in, front side G3P
- › 1x Analog stereo out, rear side XLR
- › 3x Digital in, rear side XLR
- › 1x Digital in, front side G3P
- › 1x Digital out, rear side XLR
- › 2 integrated high quality loudspeakers 10 W
- › Headphones out with separate volume & balance control
- › Remote interface
- › Power supply 90–267 VAC
- › 19", 2 U rack, black
- › Front panel anthracite
- › 3 Patchcords 60 cm (red, green & blue colour)
- › 1 adapter cable GXK 313/30 m (XLR male)
- › 1 adapter cable GXK 313/30 f (XLR female)
- › 1 power cable





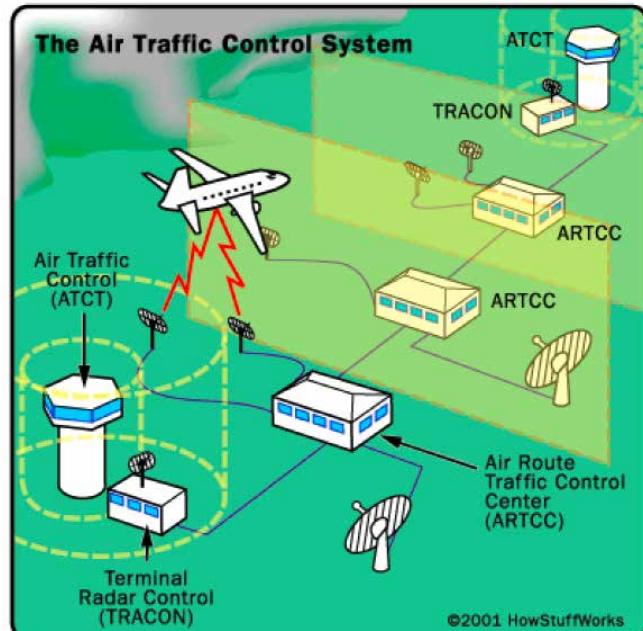
- › Audio Test & Monitor System
- › Sinewave generator, 2 frequencies 1 kHz/800 Hz, optional 1 kHz/10 kHz
- › AD/DA converter
- › Audio level and phase meter
- › 2 integrated monitoring router: analog 3:1, digital 4:1
- › 2x Analog stereo in, rear side, XLR and jack plug, 6.3 mm
- › 1x Analog stereo out, front side, G3P
- › 1x Analog stereo out, rear side, XLR and jack plug, 6.3 mm
- › 3x Digital in, rear side, XLR and BNC 75 ohms
- › 1x Digital in, front side, G3P
- › 1x Digital out, rear side, XLR and BNC 75 ohms
- › 2 integrated high quality loudspeakers 10 W
- › Headphones out with separate volume & balance control
- › Remote control interface RS-485
- › Power supply 90–267 VAC
- › 19", 2 U rack, black
- › Front panel anthracite
- › 3 Patchcords 60 cm (red, green & blue colour)
- › 1 adapter cable GXK 313/30 m (XLR male)
- › 1 adapter cable GXK 313/30 f (XLR female)
- › 1 power cable



- › Air Traffic Control & Radio Channel Test System
- › Features:
- › 19", 4 U case, also for portable use
- › integrated control unit
- › Mode of measurement selection:
- › Analog, E1, VoIP, frequency generators
- › display of analog and digital measurement results
- › fitting of filters
- › Display of the radio reception criteria (2040 Hz)
- › Tone code display
- › Monitoring loudspeaker
- › Fixed sinus generator 800 Hz, 1000 Hz, 2040 Hz as test tone with adjustable level
- › Adjustable test tone generator 300 Hz – 3400 Hz with adjustable level
- › measuring of signal to noise ratio relative to 1000 Hz oder 800 Hz
- › looping between in- and output for filtering of the 2040 Hz tone codes
- › sonic logging of analog and digital signals
- › Power supply 10 VAC to 260 VAC
- › Weight: 9.2 kg



- › Audio Test & Monitor System
- › AD/DA converter
- › Audio level and phase meter
- › 2 integrated monitoring router: analog 3:1, digital 4:1
- › 2x Analog stereo in, rear side, XLR and jack plug, 6.3 mm
- › 1x Analog stereo out, front side, G3P
- › 1x Analog stereo out, rear side, XLR and jack plug, 6.3 mm
- › 3x Digital in, rear side, XLR and BNC 75 ohms
- › 1x Digital in, front side, G3P
- › 1x Digital out, rear side, XLR and BNC 75 ohms
- › 2 integrated high quality loudspeakers 10 W
- › Headphones out with separate volume & balance control
- › Remote control interface RS-485
- › Power supply 90–267 VAC
- › 19", 2 U rack, black
- › Front panel anthracite
- › 3 Patchcords 60 cm (red, green & blue colour)
- › 1 adapter cable GXK 313/30 m (XLR male)
- › 1 adapter cable GXK 313/30 f (XLR female)
- › 1 power cable



ATK 32×1 C d

673.114.202.11



- › Monitoring Router, digital, incl. control panel
- › 32 channels (AES/EBU)
- › 19", 1 U rack, 200 mm
- › 32 channel selector buttons, 1 reset button, 1 labelling strip
- › Line Inputs: D-Sub 25-pole, female
- › Line Outputs: D-Sub 25-pole, male
- › Monitor Output by D-Sub 9-pole connector
- › Control by RS485, D-Sub 9-pole
- › cascadable
- › 230 VAC power supply

ATK 32×1 d

673.114.202.01



- › Monitoring Router, digital (AES/EBU)
- › 32 channels
- › 19", 1 U rack, 200 mm
- › Line Inputs: D-Sub 25-pole, female
- › Line Outputs: D-Sub 25-pole, male
- › Monitor Output by D-Sub 9-pole connector
- › Control by RS485, D-Sub 9-pole
- › cascadable
- › 230 VAC power supply

ATK 32×2 a

673.114.200.01



- › Monitoring Router, analog
- › 32 channels (16 stereo)
- › 19", 1 U rack, 200 mm
- › Line Inputs: D-Sub 25-pole, female
- › Line Outputs: D-Sub 25-pole, male
- › Monitor Outputs L/R by D-Sub 9-pole connectors
- › Control by RS485, D-Sub 9-pole
- › cascadable
- › 230 VAC power supply

ATK 32×2 C a

673.114.200.11



- › Monitoring Router, analog, incl. control panel
- › 32 channels (16 stereo)
- › 19", 1 U rack, 220 mm
- › 32 channel selector buttons, 1 reset button
- › 1 labelling strip
- › Line Inputs: D-Sub 25-pole connector, female
- › Line Outputs: D-Sub 25-pole connector, male
- › Monitor Outputs L/R by D-Sub 9-pole connectors
- › Control by RS485, D-Sub 9-pole connector
- › cascadable
- › 230 VAC power supply

ATK 64×1 C d

673.114.203.11



- › Monitoring Router, digital, incl. control panel
- › 64 channels AES/EBU
- › 19", 1 U rack, 200 mm
- › 64 channel selector buttons, 1 reset button, 1 labelling strip
- › Line- Inputs through D-Sub 25-pole connectors, female
- › Monitor Output by D-Sub 9-pole connector
- › Control by RS485, D-Sub 9-pole
- › cascadable
- › 230 VAC power supply

ATK 64×1 d

673.114.203.01



- › Monitoring Router, digital
- › 64 channels AES/EBU
- › 19", 1 U rack, 200 mm
- › Line- Inputs through D-Sub 25-pole connectors, female
- › Monitor Output by D-Sub 9-pole connector
- › Control by RS485, D-Sub 9-pole
- › cascadable
- › 230 VAC power supply

ATK 64×2 a

673.114.201.01



- › Monitoring Router, analog
- › 64 channels (32 stereo)
- › 19", 1 U rack, 200 mm
- › Line- Inputs through D-Sub 25-pole connectors, female
- › Monitor Output by D-Sub 9-pole connector
- › Control by RS485, D-Sub 9-pole
- › cascadable
- › 230 VAC power supply

ATK 64×2 C a

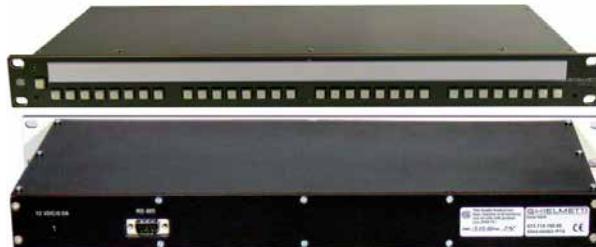
673.114.201.11



- › Monitoring Router, analog, incl. control panel
- › 64 channels (32 stereo)
- › 19", 1 U rack, 200 mm
- › 64 channel selector buttons, 1 reset button, 1 labeling strip
- › Line Inputs through D-Sub 25-pole connectors, female
- › Monitor Output by D-Sub 9-pole connector
- › Control by RS485, D-Sub 9-pole
- › cascadable
- › 230 VAC power supply

GBP 32×1 ATK d

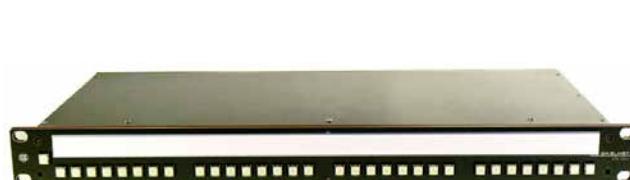
673.114.232.01



- › Control Panel to Digital Monitoring Router ATK
- › 32 control button and 1 reset button with LED
- › 19", 1 U, front panel anthracite
- › Power supply 12 VDC by standard power line adaptor
- › RS232 interface D-Sub 9-pole for remote control

GBP 32×2 ATK a

673.114.230.01



- › Control panel to analog monitoring router
- › 19", 1 U, frontpanel anthracite
- › 64 buttons for channel selection + 1 reset button
- › left side or right side channel may be switched
- › individually or together
- › RS485 Interface
- › Power supply 12 VDC by standard power line adaptor

GBP 64×1 ATK d

673.114.233.01



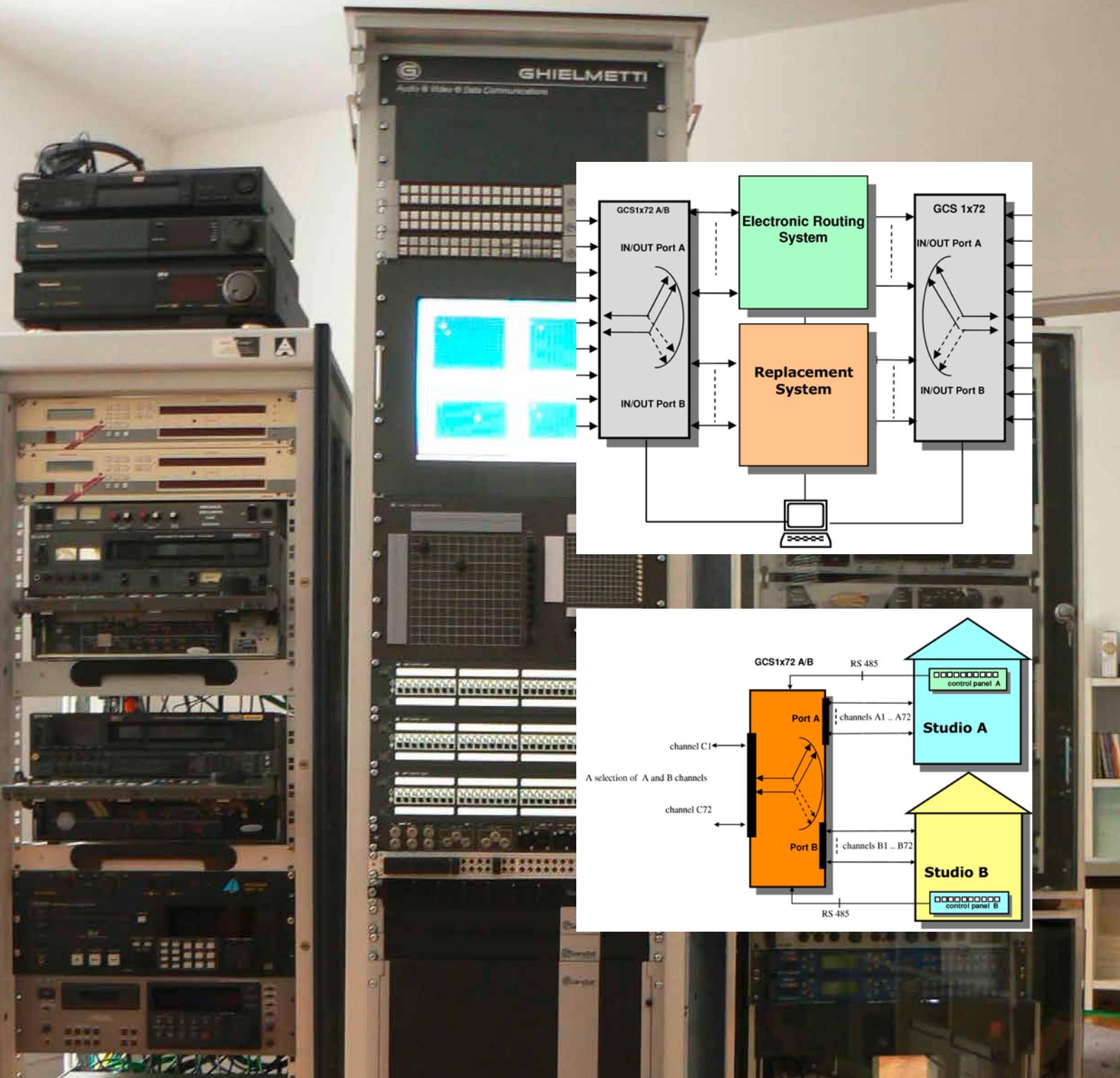
- › Control Panel to Digital Monitoring Router ATK
- › 64 control buttons and 1 reset button with LED
- › 19", 1 U, front panel anthracite
- › Power supply 12 VDC by standard power line adaptor
- › RS232 interface D-Sub 9-pole for remote control

GBP 64×2 ATK a

673.114.231.01



- › Control panel to ATK 64x2 a analog
- › 64 channel select buttons and 1 reset button
- › 19", 3 U housing, front panel anthracite
- › left side or right side channel may be switched
- › individually or together
- › Control via RS485, D-Sub 9-pole
- › Power supply 12 VDC by standard power line adaptor



Electronic Signal Distribution and Change-over



GKVE 12×1 R 485 T

678.110.078.00



- › Multiformat router 12×1
- › transparent bidirectional 2-pol switching
- › DC to 20 MHz
- › 12 IN-/Out channels to 1 In-, Out channel
- › control panel
- › RS485 Interface for remote control up to 1500 m
- › GPI for remote control of each cross point
- › Power supply 12 VDC/500 mA/6W
- › 19", 1 U rack

GKVE 8×8 R 485 T

678.110.088.01



- › Multiformat routing system
- › Transparent, bidirectional routing, DC to 13MHz
- › Relays cross points, 2-pole
- › safe against mains failure
- › 19", 1 U
- › 8 In- and 8 Outputs
- › D-Sub 25-pole connectors
- › Local control panel
- › RS485 D-Sub 9-pole interface
- › 230VAC power supply

GKVE 8×16 R 485 T

678.110.095.03



- › Multiformat router, electronic patch bay
- › transparent bidirectional switching DC to 13 MHz
- › bistable 2-pole relays cross points
- › safe against mains failure
- › Port A: 8 in- or outputs, D-Sub 25-pole, female
- › Port B: 16 in- or outputs, D-Sub 25-pole, male
- › Local control panel
- › RS485 D-Sub 9-pol interface
- › LAN interface RJ45
- › Power supply 90–267 VAC
- › 19", 2 U

GKVE 8×24 R 485 T

678.110.095.02



- › Multiformat router, electronic patch bay
- › transparent bidirectional switching DC to 13 MHz
- › bistable 2-pole relays cross points
- › safe against mains failure
- › Port A: 8 in- or outputs, D-Sub 25-pole, female
- › Port B: 24 in- or outputs, D-Sub 25-pole, male
- › Local control panel
- › RS485 D-Sub 9-pol interface
- › LAN interface RJ45
- › Power supply 90–267 VAC
- › 19", 2 U

GKVE 16×16 R LAN T

678.110.090.05



- › Multiformat router, electronic patch bay
- › transparent bidirectional switching DC to 13 MHz
- › bistable 2-pole relays cross points
- › safe against mains failure
- › Port A: 16 in- or outputs, D-Sub 25-pole, female
- › Port B: 16 in- or outputs, D-Sub 25-pole, male
- › Local control panel
- › RS485 D-Sub 9-pol interface
- › LAN interface RJ45
- › Power supply 90–267 VAC
- › 19", 2 U

GKVE 16×24 R 485 T

678.110.095.01



- › Multiformat router, electronic patch bay
- › transparent bidirectional switching DC to 13 MHz
- › bistable 2-pole relays cross points
- › safe against mains failure
- › Port A: 16 in- or outputs, D-Sub 25-pole, female
- › Port B: 24 in- or outputs, D-Sub 25-pole, male
- › Local control panel
- › RS485 D-Sub 9-pol interface
- › LAN interface RJ45
- › Power supply 90–267 VAC
- › 19", 2 U

GKVE 25×25L / 30×25S R K

678.110.083.00



- › Dual Audio Routing System
- › A) Matrix 25×25, 2-pole, devided into:
 - › 1 Matrix for power lines 9×5, max 5A or 10W, screw type connectors
 - › 1 Matrix for line signals 16×20, I_{max} <100mA, BNC 75Ω
 - › B) Matrix for line signals 30×25, I_{max} < 100mA, BNC 75Ω
- › Band width: DC – 500kHz
- › 2-pole fully transparent bidirectional relais crosspoints
- › DC resistance power signals: < 0,3 Ohm
- › DC line signals: < 1 Ohm
- › Transparent signal distributing max 1 to 10, 2-pole
- › Controlled by user software over USB interface 2.0

GKVE 64×64 A LAN

678.110.081.00



- › Analog Audio Router, 64×64, mono/stereo
- › Controlled by LAN interface Ethernet, RJ45
- › incl. Software „G-Control“
- › 19", 2U housing
- › Power supply 87 - 230 VAC
- › In- Outputs D-Sub 25-pole female/male

GCS 3×2×1 422 MP

678.110.140.01



- › Change-Over Switch
- › Change 3 Input channels between Port A/B, bidirectional
- › 230 VAC power supply
- › 19", 1 U, front panel anthracite

GBP 3×2×1 422 MP

678.110.141.01



- › Control panel to AES change-over 3×2×1
- › automatic change-over between Input Port A.B, C
- › Level meter, status indication of all In and Outputs
- › Control port RS422, D-sub 9-pol, female
- › 19", 1 U, anthracite
- › Power suply: 85 VAC ... 264 VAC

GCS 3×4×1 422MP

678.110.144.01



- › Automatic AES Change-Over
- › 3 AES inputs to 2 AES outputs
- › 2 Analog stereo monitor outputs for In and Outputs
- › Clean and noiseless switching
- › Detection of signal failure, CRC error, AES/EBU carrier loss, sync loss
- › Clip and Silence Detection
- › Level and time user setting by software control over TCP/IP
- › Local control panel
- › Remote control panel with level meters for inputs and outputs (optional)
- › Power supply: 90 to 267 VAC
- › 19", 1 U

GCP 3×4×1 422MP

678.110.145.01



- › Control panel to AES change-over 3×4×1
- › automatic change-over between Input Port A.B, C
- › Level meter, status indication of all In and Outputs
- › Control port RS422, D-sub 9-pol, female
- › 19", 1 U, anthracite
- › Power suply: 85 VAC ... 264 VAC

GCS 1x32 A/B an

673.113.665.61



- › Change-Over Switch
- › Change 32 Input channels between Port A/B, bidirectional
- › each channel separately switchable
- › 230 VAC power supply
- › 19", 3RU, front panel anthracite

GCS 1x16 AB a

673.114.150.20



- › Automatic Change-Over, 16 channels
- › with signal detection on port A and B,
- › automatic relay change-over
- › change-over of 16 I/O-Ports to port A or B
- › 2-pole-relays,
- › 16 alarm contacts signalling drop-out on A or B
- › 19", 1U housing, depth 230 mm
- › OUT Port C: D-Sub 25-pole, male,
- › IN Port A, B: D-Sub 25-pole, female
- › Power supply 230VA

GCS 1x16 AB 485 aR

673.114.150.30



- › Automatic Change-Over with signal detection on port A and B
- › programmable switching criteria for each channel
- › Redundant power supply 90–267 VAC [R]
- › 16 channels from port A or B switched individually to port C
- › 2-pole relay change-over
- › LED display indicating switching state
- › Display for programming the switching parameters
- › 16 alarm contacts signalling drop-out on A or B
- › OUT Port C: D-Sub 25-pole, male,
- › IN Port A, B: D-Sub 25-pole, female
- › 19", 1U housing, depth 230 mm

GCS 1x16 AB 485 a

673.114.150.35



- › Automatic Change-Over, with signal detection on port A and B
- › programmable switching criteria for each channel
- › automatic relay change-over
- › change-over of 16 I/O-Ports to port A or B
- › 2-pole-relais,
- › 16 alarm contacts signalling drop-out on A or B
- › 19", 1U rack, depth 230 mm
- › OUT Port C: D-Sub 25-pol, male,
- › IN Port A, B: D-Sub 25-pol, female
- › Power supply 90–230VA

GCS 1x8 AB an

673.114.190.08



- › Change-Over, 8 channels
- › change over of 8 I/O-Ports to port A or B
- › 2-pole-relays,
- › 19", 1 U housing
- › 1 power supply/control unit
- › 1 relay card by 8 channels
- › I/O Port: D-Sub 25-pole female
- › Port A, B: D-Sub 25-pole male
- › 2 RS-485 interfaces: D-Sub 9-pole,female

GCS 1x8 AB 40

673.114.191.08



- › Change-Over, 8 channels
- › change over of 8 I/O-Ports to port A or B
- › 2-pole-relays,
- › 19", 2 U housing
- › 1 power supply/control unit
- › 1 relay card by 8 channels
- › upgradeable in steps by 8 up to 40 channels
- › I/O Port: D-Sub 25-pole female
- › Port A, B: D-Sub 25-pole male
- › 2 RS-485 interfaces: D-Sub 9-pole, female

GCS 1x16 AB 40

673.114.191.16



- › Change-Over, 16 channels
- › change over of 16 I/O-Ports to port A or B
- › 2-pole relays,
- › 19", 2 U housing
- › 1 power supply/control unit
- › 2 relay cards by 8 channels
- › upgradeable in steps by 8 up to 40 channels
- › I/O Port: D-Sub 25-pole female
- › Port A, B: D-Sub 25-pole male
- › 2 RS-485 interfaces: D-Sub 9-pole, female

GCS 1x24 AB 40

673.114.191.24



- › Change-Over, 24 channels
- › change over of 24 I/O-Ports to port A or B
- › 2-pole relays,
- › 19", 2 U housing
- › 1 power supply/control unit
- › 3 relay cards by 8 channels
- › upgradeable in steps by 8 up to 40 channels
- › I/O Port: D-Sub 25-pole female
- › Port A, B: D-Sub 25-pole male
- › 2 RS-485 interfaces: D-Sub 9-pole, female

GCS 1x32 AB 40

673.114.191.32



- › Change-Over, 32 channels
- › change over of 32 I/O-Ports to port A or B
- › 2-pole relays,
- › 19", 2 U housing
- › 1 power supply/control unit
- › 4 relay cards by 8 channels
- › upgradeable in steps by 8 up to 40 channels
- › I/O Port: D-Sub 25-pole female
- › Port A, B: D-Sub 25-pole male
- › 2 RS-485 interfaces: D-Sub 9-pole, female

GCS 1x40 AB 40

673.114.191.40



- › Change-Over, 40 channels
- › change over of 40 I/O-Ports to port A or B
- › 2-pole relays
- › 19", 2 U rack-mounting
- › 1 power supply/control unit
- › 5 relay cards by 8 channels
- › I/O Port: D-Sub 25-pole female
- › Port A, B: D-Sub 25-pole male
- › 2 RS-485 interfaces: D-Sub 9-pole, female

GCS 1x40 AB 72

673.114.192.40



- › Change-Over, 40 channels
- › change over of 40 I/O-Ports to port A or B
- › 2-pole relays
- › 19", 3 U rack-mounting
- › 1 power supply/control unit
- › 5 relay cards by 8 channels
- › upgradeable in steps by 8 up to 72 channels
- › I/O Port: D-Sub 25-pole female
- › Port A, B: D-Sub 25-pole male
- › 2 RS-485 interfaces: D-Sub 9-pole, female

GCS 1x48 AB 72

673.114.192.48



- › Change-Over, 48 channels
- › change over of 48 I/O-Ports to port A or B
- › 2-pole relays
- › 19", 3 U rack-mounting
- › 1 power supply/control unit
- › 6 relay cards by 8 channels
- › upgradeable in steps by 8 up to 72 channels
- › I/O Port: D-Sub 25-pole female
- › Port A, B: D-Sub 25-pole male
- › 2 RS-485 interfaces: D-Sub 9-pole, female

GCS 1x56 AB 72

673.114.192.56



- › Change-Over, 56 channels
- › change over of 56 I/O-Ports to port A or B
- › 2-pole relays
- › 19", 3 U rack-mounting
- › 1 power supply/control unit
- › 7 relay cards by 8 channels
- › upgradeable in steps by 8 up to 72 channels
- › I/O Port: D-Sub 25-pole female
- › Port A, B: D-Sub 25-pole male
- › 2 RS-485 interfaces: D-Sub 9-pole, female

GCS 1x64 AB 72

673.114.192.64



- › Change-Over, 64 channels
- › change over of 64 I/O-Ports to port A or B
- › 2-pole relays
- › 19", 3 U rack-mounting
- › 1 power supply/control unit
- › 8 relay cards by 8 channels
- › upgradeable in steps by 8 up to 72 channels
- › I/O Port: D-Sub 25-pole female
- › Port A, B: D-Sub 25-pole male
- › 2 RS-485 interfaces: D-Sub 9-pole, female

GCS 1x72 AB 72

673.114.192.72



- › Change-Over, 72 channels
- › change-over of 72 I/O-Ports to port A or B
- › 2-pole relays,
- › 19", 3 U housing, front panel anthracite
- › 1 power supply/control unit
- › 9 relay cards by 8 channels
- › I/O Port: D-Sub 25-pole female
- › Port A, B: D-Sub 25-pole male
- › 2 RS-485 interfaces: D-Sub 9-pole, female

GDA 1:8x8 AES T

678.110.085.01



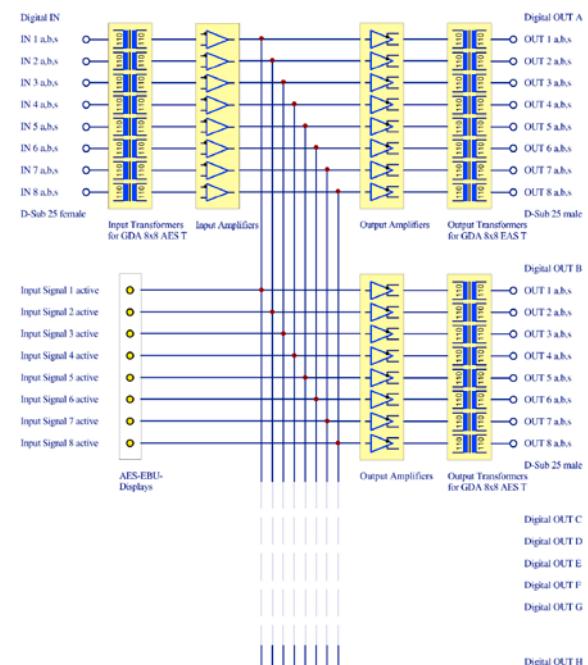
- › Distribution amplifier AES/EBU
- › eightfold 1 to 8 transformer balanced
- › 8 Input to 8 Outputs each
- › Sample rates from 32 kHz to 192 kHz
- › LED indication of active inputs
- › transformer balanced in- and outputs 110 ohm
- › 19", 1 U rack
- › power supply 230 VAC

GDA 1:8x8 AES

678.110.085.10

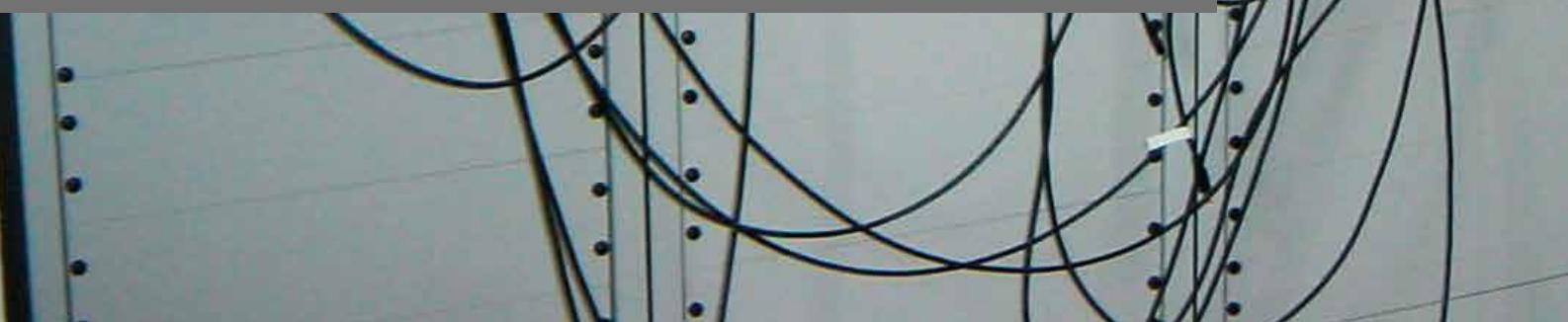


- › Distribution amplifier AES/EBU
- › eightfold 1 to 8
- › 8 Input to 8 Outputs each
- › Sample rates from 32 kHz to 192 kHz
- › LED indication of active inputs
- › symmetrical in- and outputs 110 ohm
- › 19", 1 U rack
- › power supply 230 VAC





Matrix Boards, Passive Routers
Multipole - Multiformat - Bidirectional Signal Distributing



GKVA 8×8 322 LA bg

673.110.081.01



- › Audio Matrix Board, 2/4-pole
- › Type 322, Standard
- › 8×8 channels, 2-pole
- › gold ribbon double contact system
- › solder lugs
- › Dimensions: 120×120×35 mm
- › frontpanel beige with black grid
- › 8 connecting plugs, 2-pole black

GKVA 8×8 322 LA bg

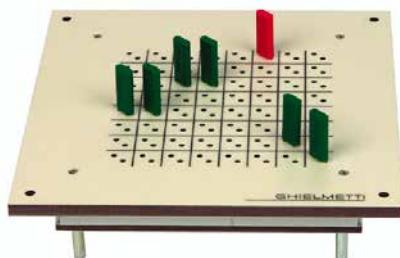
673.112.797.00



- › Audio Matrix Board, 2/4-pole
- › Type 322, Standard
- › 8×8 channels, 2-pole
- › gold ribbon double contact system
- › 2-pole/4-pole connections with connecting plugs
- › 19", 3 RU frontpanel beige, red / yellow coloured cross points
- › solder lugs
- › 8 connecting plugs, 2-pole white
- › 2 designation strips

GKVA 8×8 322 LA H an

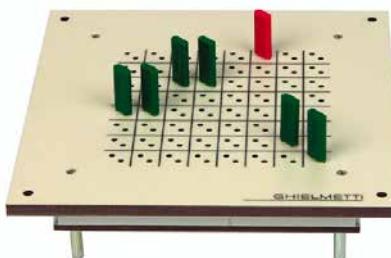
673.113.641.01



- › Audio Matrix Board, 2/4-pole
- › Type 322, high performance
- › 8×8 channels, 2-pole
- › gold ribbon double contact system
- › 2-pole/4-pole connections with connecting plugs
- › 21TE, 3 RU frontpanel, anthracite with white print
- › solder lugs
- › 8 connecting plugs, 2-pole white
- › 2 designation strips

GKVA 8×8 322 SA bg

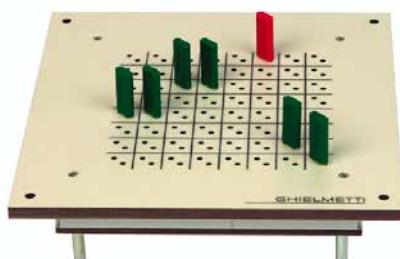
673.112.797.05



- › Audio Matrix Board, 2/4-pole
- › Type 322, Standard
- › 8×8 channels, 2-pole
- › gold ribbon double contact system
- › 2-pole/4-pole connections with connecting plugs
- › 19", 3 RU frontpanel beige, red / yellow coloured cross points
- › plug-in connection
- › 8 connecting plugs, 2-pole white
- › 2 designation strips

GKVA 8×8 322 SA H an

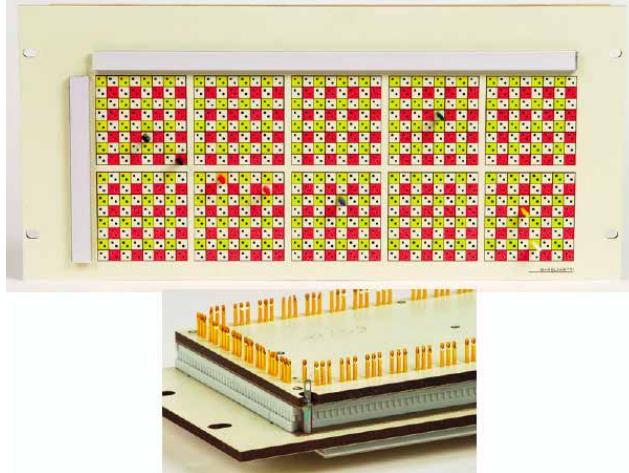
673.113.641.06



- › Audio Matrix Board, 2/4-pole
- › Type 322, high performance
- › 8×8 channels, 2-pole
- › gold ribbon double contact system
- › 2-pole/4-pole connections with connecting plugs
- › 21TE, 3 RU frontpanel, anthracite with white print
- › plug-in connection
- › 8 connecting plugs, 2-pole white
- › 2 designation strips

GKVA 16×40 322 LA bg

673.112.791.00

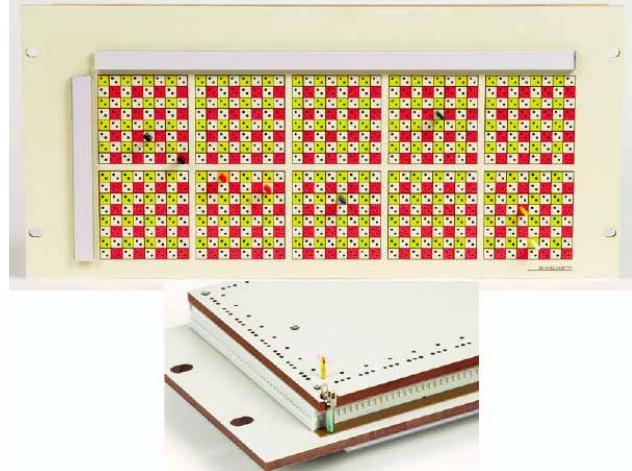


- › Audio Matrix Board, 2/4-pole
- › Type 322, Standard
- › 16×40 channels, 2-pole
- › gold ribbon double contact system
- › 2-pole/4-pole connections with connecting plugs
- › 19", 5 U frontpanel beige, red/yellow coloured cross points
- › solder lugs
- › 16 connecting plugs, 2-pole white
- › 2 designation strips

- › GKVA 8×40 322 LA bg 673.112.790.00
- › GKVA 24×40 322 LA bg 673.112.792.00
- › GKVA 32×40 322 LA bg 673.112.793.00
- › GKVA 40×40 322 LA bg 673.112.794.00
- › GKVA 48×40 322 LA bg 673.112.795.00

GKVA 16×40 322 SA bg

673.112.791.05

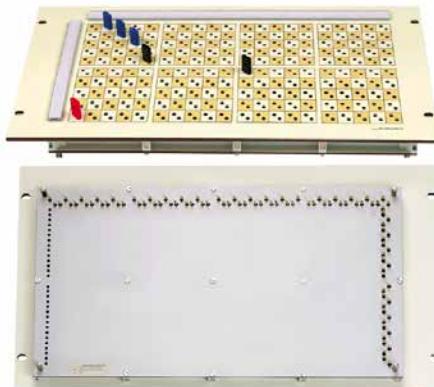


- › Audio Matrix Board, 2/4-pole
- › Type 322, Standard
- › 16×40 channels, 2-pole
- › gold ribbon double contact system
- › 2-pole/4-pole connections with connecting plugs
- › 19", 5 RU frontpanel beige, red/yellow coloured cross points
- › plug-in connection
- › 16 connecting plugs, 2-pole white
- › 2 designation strips

- › GKVA 8×40 322 SA bg 673.112.790.05
- › GKVA 24×40 322 SA bg 673.112.792.05
- › GKVA 32×40 322 SA bg 673.112.793.05
- › GKVA 40×40 322 SA bg 673.112.793.05
- › GKVA 40×40 322 SA bg 673.112.794.05
- › GKVA 48×40 322 SA bg 673.112.795.05

GKVA 10×20 622 LA

674.114.506.00



- › Audio Matrix Board 10×20, type 622
- › for medium voltage applications up to 230 VAC / 16A
- › 10×20 channels,
- › gold ribbon double contact system
- › 2-pole/4-pole trough-connexion with connecting plugs
- › 19", 5 U frontpanel, beige with black grid
- › solder lugs
- › 10 connecting plugs, 2-pole black
- › No. 674.910.136.00

GKVA 20×20 622 LA

674.114.507.00



- › Audio Matrix Board 20×20, type 622
- › for medium voltage applications up to 230 VAC / 16A
- › 20×20 channels,
- › gold ribbon double contact system
- › 2-pole/4-pole trough-connexion with connecting plugs
- › 19", 10 U, frontpanel beige with black grid
- › 2 designation strips
- › solder lugs
- › 20 connecting plugs, 2-pole black

GKVA 17×64 341 LA

673.114.092.00



- › Compact Audio Matrix Board
- › type 341, 90 dB cross talk
- › 17×64 channels, 2-pole
- › 19", 3 RU, white, print black
- › solder lugs
- › 2 designation strips
- › 17 connecting plugs, 2-pole

GKVA 32×64 341 LA

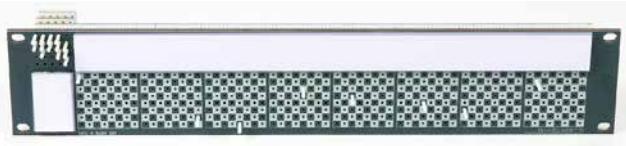
673.114.094.00



- › Compact Audio Matrix Board
- › type 341, 90 dB cross talk
- › 32×64 channels, 3-pole
- › 19", 5 RU, white, print black
- › solder lugs
- › 2 designation strips
- › 32 connecting plugs, 2-pole

GKVA 64×64 341 LA

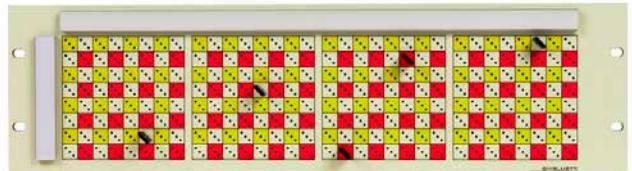
673.114.099.00



- › Compact Audio Matrix Board
- › type 341, 90 dB cross talk
- › 64×64 channels, 2-pole
- › 19", 10 RU, white, print black
- › solder lugs
- › 2 designation strips
- › 64 connecting plugs, 2-pole

GKVA 8×32 323 LA bg

673.112.816.00



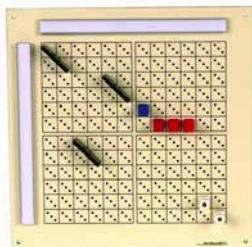
- › Audio Matrix Board, 3/6-pole
- › Type 323, Standard
- › 8×32 channels
- › gold ribbon double contact system
- › 3-pole/6-pole connections with connecting plugs
- › 19", 3 U frontpanel beige with red/yellow coloured cross points
- › solder lugs, cascadable
- › 8 connecting plugs, 3-pole white
- › 2 designation strips

- › GKVA 8×32 323 SA bg 673.112.816.05
- › GKVA 24×32 323 LA bg 673.112.812.00
- › GKVA 24×32 323 SA bg 673.112.812.05
- › GKVA 48×32 323 LA bg 673.112.815.00
- › GKVA 48×32 323 SA bg 673.112.815.05

- › Type „High Performance“ (115 dB crosstalk)
- › Available on request

GKVA 12×12 323 LA bg

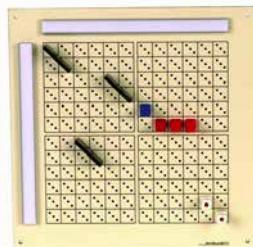
673.112.817.00



- > Audio Matrix Board, 3/6-pole
- > Type 323, Standard
- > 12×12 channels
- > gold ribbon double contact system
- > 3-pole/6-pole connections with connecting plugs
- > 19", 4 U frontpanel beige with red/yellow coloured cross points
- > solder lugs, cascadable
- > 8 connecting plugs, 3-pole white
- > 2 designation strips

GKVA 12×12 323 SA bg

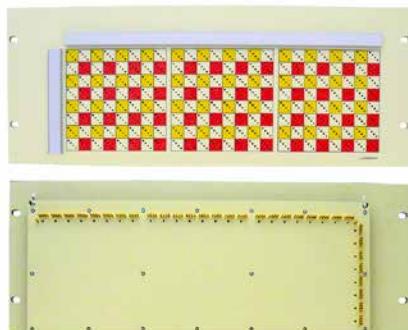
673.112.817.05



- > Audio Matrix Board, 3/6-pole
- > Type 323, Standard
- > 12×12 channels
- > gold ribbon double contact system
- > 3-pole/6-pole connections with connecting plugs
- > 19", 4 RU frontpanel beige with red/yellow coloured cross points
- > solder lugs, cascadable
- > 12 connecting plugs, 3-pole white
- > 2 designation strips

GKVA 8×24 324 LA bg

673.113.668.00



- > Matrix Board
- > Type 324, standard, 90 dB cross talk
- > 8×24 channels, 4-pole
- > gold ribbon double contact system
- > 4-pole/8-pole connections with connecting plugs
- > 19", 4 U frontpanel, beige cross points red/yellow
- > solder lugs
- > 8 connecting plugs, 4-pole black
- > 2 designation strips

GKVA 8×64 361 LA

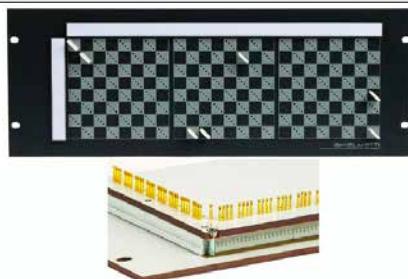
673.113.947.01



- > Compact Audio Matrix Board
- > type 361, 90 dB cross talk
- > 8×64 channels, 3-pole
- > 19", 2 RU, white, print black
- > solder lugs
- > 2 designation strips
- > 8 connecting plugs, 3-pole No. 673.910.118.09

GKVA 8×24 324 LA H an

673.113.667.01

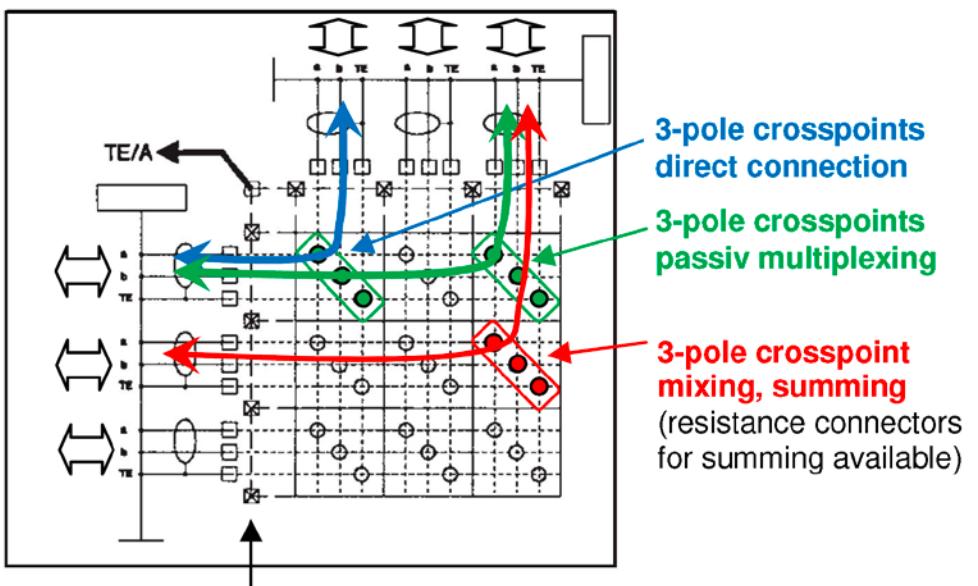


- > Audio Matrix Board
- > Type 324, High Performance, 115 dB cross talk
- > 8×24 channels, 4-pole
- > gold ribbon double contact system
- > 4-pole/8-pole connections with connecting plugs
- > 19", 4 RU frontpanel anthracite, cross points silver/anthracite
- > solder lugs
- > 8 connecting plugs, 4-pole yellow
- > 2 designation strips

Electrical wiring diagram 3-pole signal distributor, matrix board

Wiring diagram
GKVA 323 Standard and
High Performance

Econom.; without
channel and layer
shieldings



Integrated shielding system for channel separation:

- Type standard 90 dB
- Type High Performance 115 dB

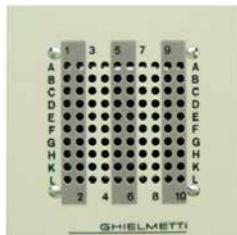




Signal Distribution,
Control and Programming Matrix

GKV 10×10 321 LA

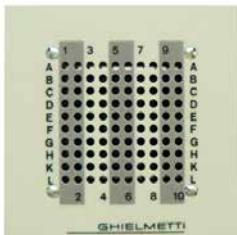
673.110.007.01



- > Matrix Board 10×10, type 321
- > max. 50 V, 6 A
- > frontpanel grey with black print and vertical strips
- > solder lugs
- > Dimensions: 57×57×26 mm

GKV 10×10 321 LP

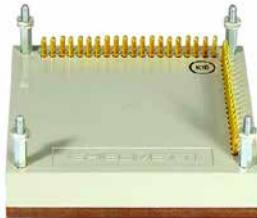
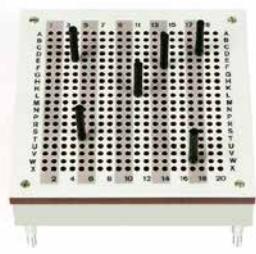
673.110.007.13



- > Matrix Board 10×10, type 321
- > max 50VAC/VDC 6 A
- > frontpanel grey with black print
- > pc board contacts, 3mm
- > Dimensions: 57×57×26 mm

GKV 20×20 321 LA 79

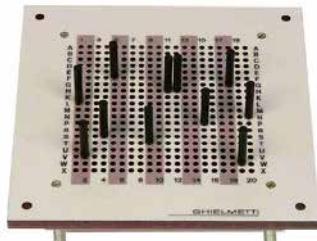
673.110.008.19



- > Matrix Board 20×20, type 321
- > up to 60 50V/6A
- > connecting 20 to 20 signals 1-pole/multipole
- > solder lugs
- > frontpanel grey with black print and vertical strips
- > Dimensions: 79×79×32 mm

GKV 20×20 321 LA 99

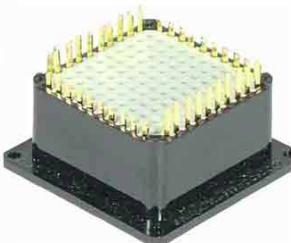
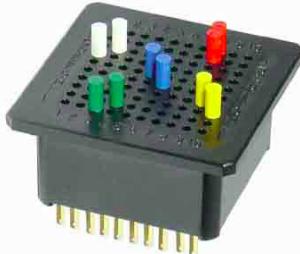
673.110.022.07



- > Matrix Board 20×20, type 321
- > connecting 20 to 20 signals 1-pole/multipole
- > frontpanel grey with black print and vertical strips
- > solder lugs, 3 mm
- > Dimensions: 99×99×32 mm

GKV 10×10 321 LA MONO

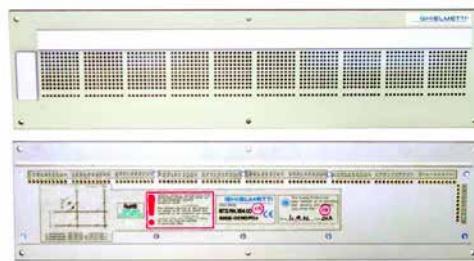
673.110.050.00



- > Matrix Board 10×10, type 321 MONO
- > connecting 10 to 10 signals 1-pole/multipole
- > max 50 VAC/VDC, 6 A
- > solder lug
- > dimensions: 45×45×26 mm

GKV 10×100 321 LA K

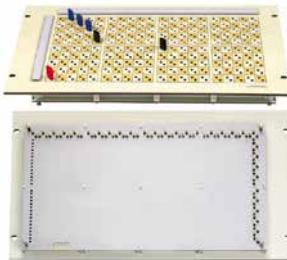
673.114.154.00



- > Matrix board, 10×100, type 321
- > 10×100 channels for signals up to 50VAC /6A
- > 100 Input-/Output lines (columns)
- > 10 Output-/input lines (rows)
- > 1-pole through-connection
- > 1 row as pinpark for 100 plugs
- > 19", 2RU, front panel grey
- > solder lugs
- > 2 designation strips

GKVA 10×20 622 LA

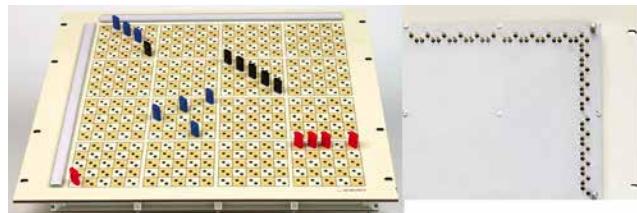
674.114.506.00



- > Audio Matrix Board 10×20, type 622
- > for medium voltage applications up to 230 VAC / 16A
- > 10×20 channels,
- > gold ribbon double contact system
- > 2-pole/4-pole trough-connexion with connecting plugs
- > 19", 5 U frontpanel, beige with black grid
- > solder lugs
- > 10 connecting plugs, 2-pole black
- > No. 674.910.136.00

GKVA 20×20 622 LA

674.114.507.00



- > Audio Matrix Board 20×20, type 622
- > for medium voltage applications up to 230 VAC / 16A
- > 20×20 channels,
- > gold ribbon double contact system
- > 2-pole/4-pole trough-connexion with connecting plugs
- > 19", 10 U, frontpanel beige with black grid
- > 2 designation strips
- > solder lugs
- > 20 connecting plugs, 2-pole black

GKV 1×47 621 LA

674.115.262.00



- > Matrix board, type 621
- > connecting 1 with 47 signals 1 pol up to 230V / 16A
- > 19", 2 U, front panel grey with standard print
- > 1 row as pin park for 47 plugs
- > solder lugs
- > 2 designation strips

GKV 2×10 621 LA

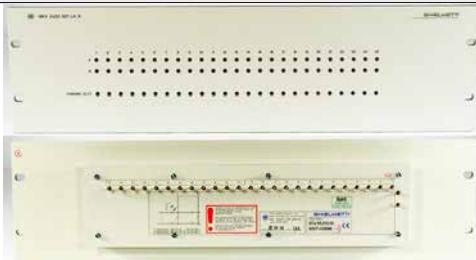
674.115.214.00



- > Matrix Board, type 621
- > 10 In-, Output lines 1-pole to
- > 2 Out-, Inputlines 1-pole
- > max. 230VAC / 16A
- > 19", 3 U, Front panel beige
- > Solder lug connectors
- > pin park for 10 connecting pins

GKV 2×25 621 LA K

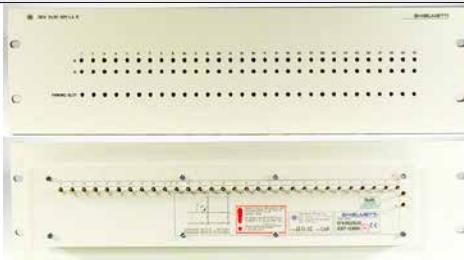
674.115.213.00



- > Matrix Board, type 621
- > 2×25 circuits for signals up to 230VAC / 16A
- > 19", 3 U, Front panel beige
- > Solder lugs
- > Pin park for 25 connecting plugs

GKV 2×30 621 LA K

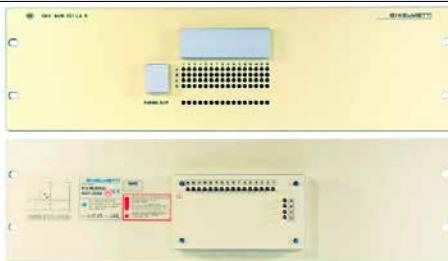
674.115.212.00



- > Matrix Board, type 621
- > 2×30 circuits for signals up to 230VAC / 16A
- > 19", 3 U, Front panel beige with print
- > solder lugs
- > Pin park for 30 connecting pins

GKV 4×16 621 LA

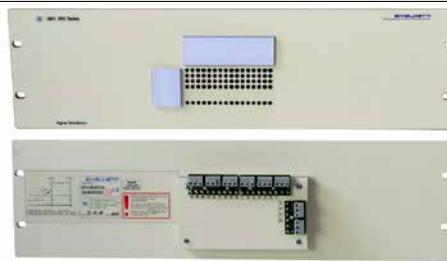
674.115.203.20



- › Matrix Board, type 621
- › connecting 4×16 signals 1-pole
- › max. 230VDC/16A
- › Dimensions: 200×90×32 mm
- › front panel grey
- › solder lug facilities
- › pin park for 16 plugs
- › 2 designation strips

GKV 4×16 621 SK

674.115.203.10



- › Matrix Board, type 621
- › connecting 4×16 signals 1-pole
- › max. 230VAC/16A
- › 19", 3 HE, front panel grey
- › screw clamp terminals
- › pin park for 16 plugs
- › 2 designation strips

GKV 4×16 621 SS K

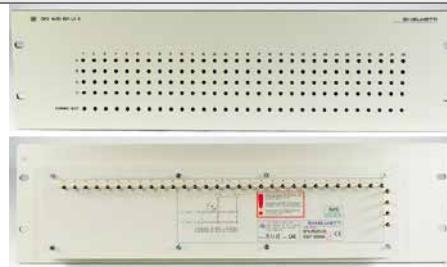
674.115.233.00



- › Matrix board, type 621
- › 19", 4 U rack
- › connecting 4 to 16 signals 1-pole, max. 230VAC/DC/16A
- › 1 row as pin park for 16 connecting plugs
- › plexiglas cover to be opened horizontally
- › with security key
- › cabled onto 2 pcs RP300 21-pole connectors male/female
- › 2 counter connectors RP300 21-pole male/female
- › front panel grey alumatt without print
- › 4 designation strips

GKV 4×30 621 LA

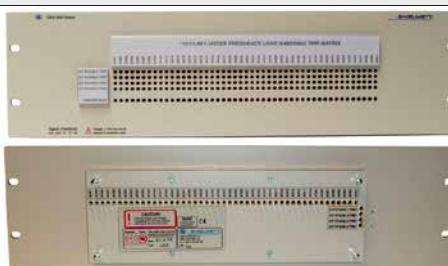
674.115.201.00



- › Matrix Board, type 621
- › 4 rows, 30 columns
- › additionally 1 row as pin park
- › 1-pole through-connection
- › 19", 3 RU, front panel grey without print
- › 2 designation strips
- › solder lugs

GKV 4×47 621 LA

674.115.261.00



- › Matrix board, type 621
- › for signals up to 230VAC/16A
- › 19"/3 RU, front panel grey without print
- › 4 rows (horizontal lines)
- › 47 columns (vertical lines)
- › additionally 1 row as pin park for 40 plugs
- › solder lugs, incl. 2 designation strips

GKV 5×42 621 SK

674.115.263.00



- › Matrix board, type 621
- › connecting 5 with 42 signals 1 pole up to 230V/16A
- › 19", 3 U, front panel grey with standard print
- › 1 row as pin park for 42 plugs
- › screw-type terminals
- › 2 designation strips

GKV 6×35 621 LA K

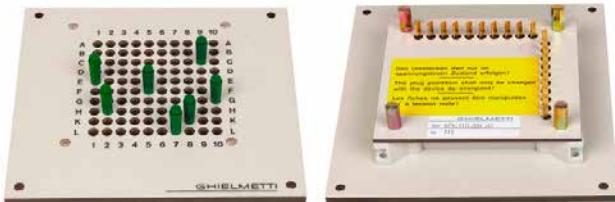
674.115.215.00



- › Matrix Board, type 621
- › 6×35 circuits for signals up to 230VAC/16A
- › 19", 3 U, Front panel beige with print
- › solder lugs
- › Pin park for 35 connecting pins

GKV 10×10 621 LA D

674.110.031.02



- › Matrix Board, type 621
- › 10×10 In-/Output, 1-pole
- › Signal max.: 230VAC/16A
- › Frontpanel: grey with black print
- › H×W×D: 126×126×39mm
- › solder lugs

GKV 15×15 621 LA

674.110.800.01



- › Matrix Board, type 621
- › 15×15 In-/Output, 1-pole
- › Signal max.: 230VAC/16A
- › Frontpanel grey without print
- › H×W×D: 156×156×39mm,
- › solder lugs

GKV 15×15 621 LA D

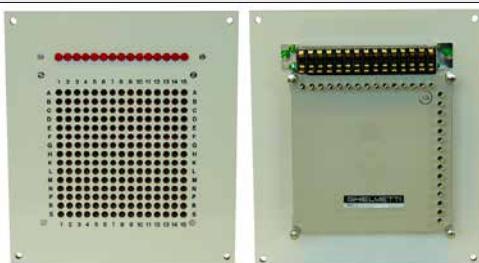
674.110.800.02



- › Matrix Board, type 621
- › for signals up to 230VAC/16A
- › 15×15 In-/Output, 1-pol
- › Frontpanel grey with black print
- › H×W×D: 156×156×39mm, solder lugs

GKV 15×15 621 LA DL

674.110.800.04



- › Matrix Board, type 621, with lamps and print
- › 15×15 In-/Output, 1-pole
- › Signal max.: 230VAC/16A
- › 1 row at the top with 15 lamps red, 24VAC/20mA
- › Frontpanel grey with black print
- › H×W×D: 174×156×39mm
- › solder lugs

GKV 15×15 621 LA L

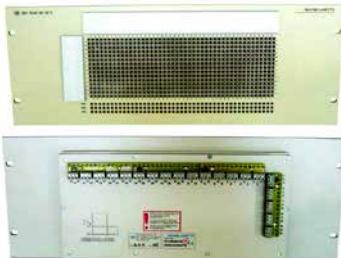
674.110.800.03



- › Matrix Board, type 621, with lamps
- › 15×15 In-/Output, 1-pole
- › Signal max.: 230VAC/16A
- › 1 row at the top with 15 lamps red, 24VAC/20mA
- › Frontpanel grey without print
- › H×W×D: 174×156×39mm
- › solder lugs

GKV 15×45 621 SK K

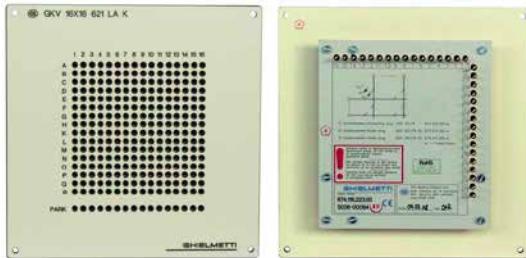
674.115.122.00



- > Matrix board, type 621
- > 15×45 lines for signals up to 230VAC/16A
- > 45 Input lines (columns)
- > 15 Output lines (rows)
- > 1-pole through connection
- > 3 rows as pin park for 135 plugs
- > 19", 4RU front panel grey with black print
- > screw type terminals
- > 2 designation strips

GKV 16×16 621 LA d K

674.115.223.00



- > Matrix Board, type 621
- > 16×16 In-/Output, 1-pole
- > Signal max.: 230VAC/16A
- > Frontpanel: beige without print
- > H×W×D: 156×156×39mm,
- > solder lugs

GKV 20×20 621 LA D

674.110.609.02



- > Matrix Board, type 621
- > 20×20 In-/Output, 1-pole
- > Signal max.: 230VAC/16A
- > Frontpanel grey with black print
- > H×W×D: 186×186×39mm
- > solder lugs

GKV 20×20 621 LA L

674.110.609.03



- > Matrix Board, type 621
- > 20×20 In-/Output, 1-pole through connection
- > Signal max.: 230VAC/16A
- > Frontpanel beige
- > with 20 signal lamps on top
- > H×W×D: 204×186×36mm
- > solder lugs

GKV 31×31 621 LA

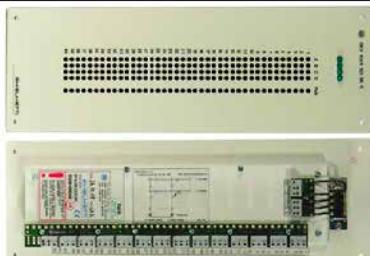
674.110.039.02



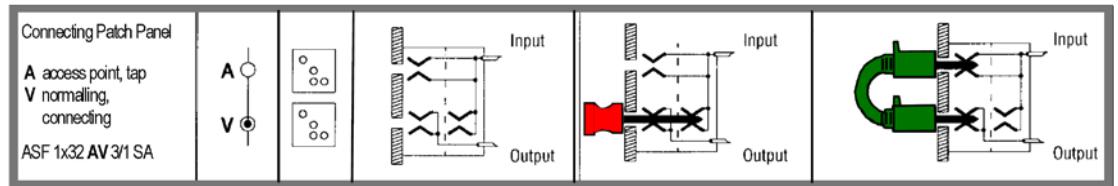
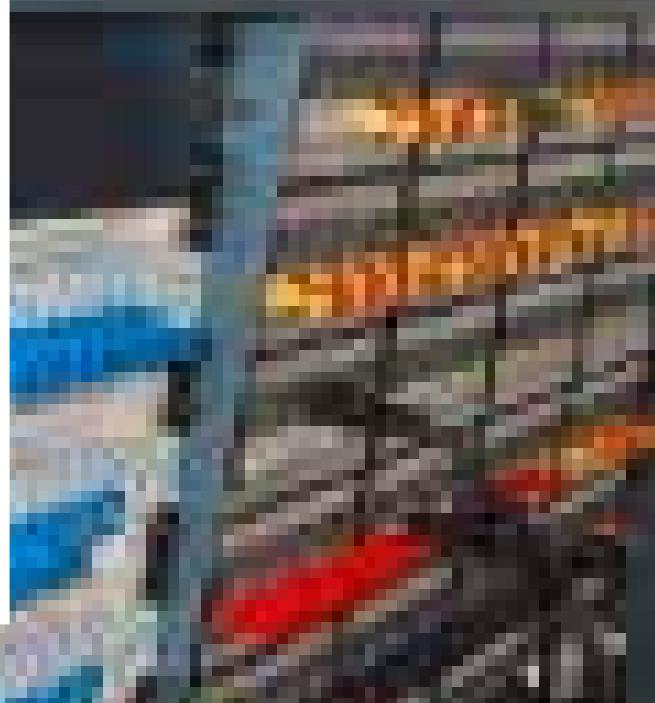
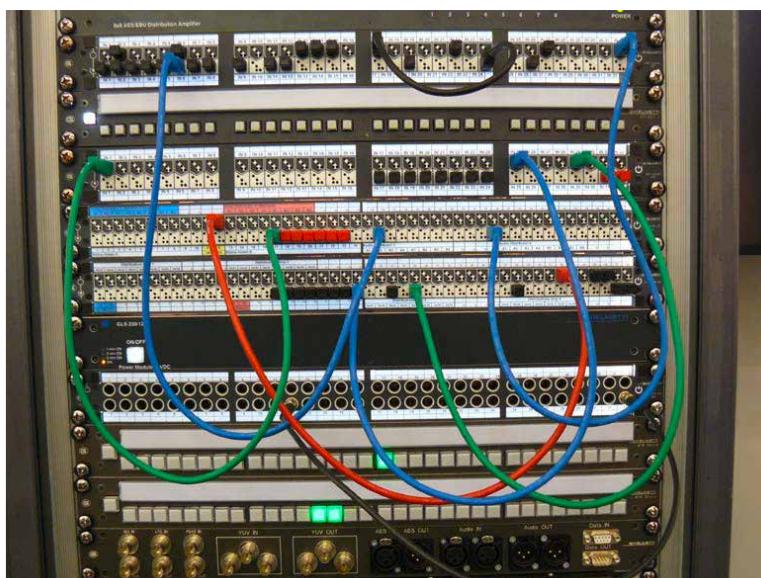
- > Matrix Board, type 621
- > 31×31 In-/Output, 1-pole
- > Signal max.: 230VAC/16A
- > Frontpanel grey with black print
- > H×W×D: 258×258×39mm
- > solder lugs

GKV 40×4 621 SK

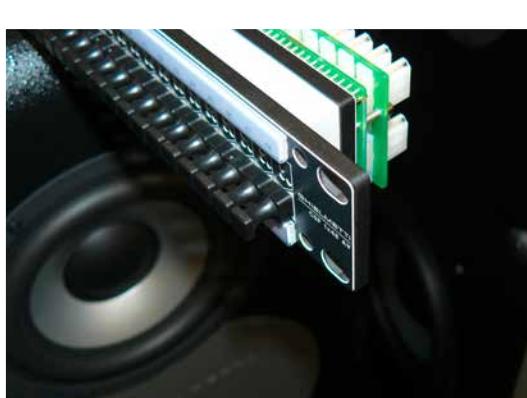
674.115.222.00



- > Matrix Board, type 621
- > 40×4 circuits for signals up to 240VAC/16A
- > dim. 90×306×36 mm, front panel grey without print
- > 4 lamps for row signals
- > screw mount connectors
- > 2 designation strips
- > pin park



Audio Routing and Distribution
with Patch Bays



Standard Patch Panels
Theatre and Stage Technology, Media Technology, Telecom

ASF 1×24 A 3/1 LA M Econom

673.115.810.05



- › Econom Patch Panel
- › 24 channels, 3-pole
- › without channel separation shields
- › 19", 1 U, front panel anthracite with white print
- › 3 solder lug connector modules
- › 1 designation strip
- › 1 cable bar

ASF 1×24 A 3/1 SA G Econom

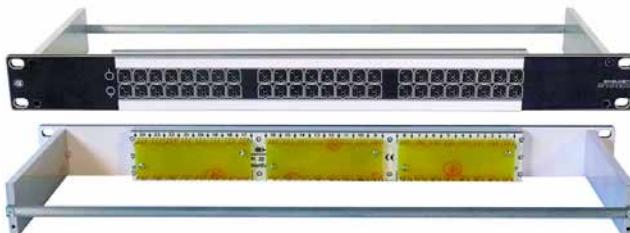
673.115.810.61



- › Econom Patch Panel
- › 24 channels, 3 pole
- › without channel separation shields
- › 19", 1 U, front panel anthracite with white print
- › 24 solder lug connectors GAS 323 LA C
- › 1 designation strip
- › 1 cable bar

ASF 2×24 A 3/1 LA M Econom

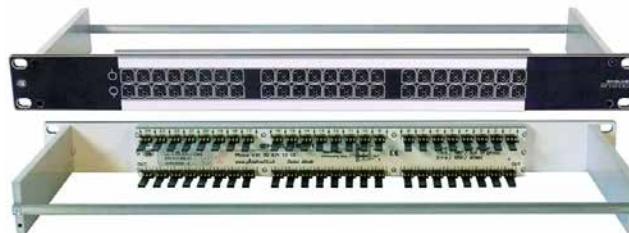
673.115.860.05



- › Econom Patch Panel
- › 48 channels, 3-pole
- › without channel separation shields
- › 19", 1 U, front panel anthracite with white print
- › 3 solder lug connector modules
- › 2 designation strips
- › 1 cable bar

ASF 2×24 A 3/1 SA G Econom

673.115.860.61



- › Econom Patch Panel
- › 48 channels, 3-pole
- › without channel separation shields
- › 19", 1 U, front panel anthracite with white print
- › plug in facility
- › 48 solder lug connectors GAS 323 LA C
- › 2 designation strips
- › 1 cable bar

ASF 1×24 AP 3/1 LA M Econom

673.115.850.05



- › Econom Patch Panel with parallel tab
- › 24 channels, 3-pole
- › without channel separation shields
- › 19", 1 U, front panel anthracite with white print
- › 3 solder lug connector modules
- › 1 designation strip
- › 1 cable bar

ASF 1×24 AP 3/1 SA G Econom

673.115.850.61



- › Econom Patch Panel with parallel tap
- › 24 channels, 3-pole
- › without channel separation shields
- › 19", 1 U, front panel anthracite with white print
- › 24 solder lug connectors GAS 243 LA C
- › 1 designation strip
- › 1 cable bar

ASF 1x24 AV 3/1 D25S ffcs Econom

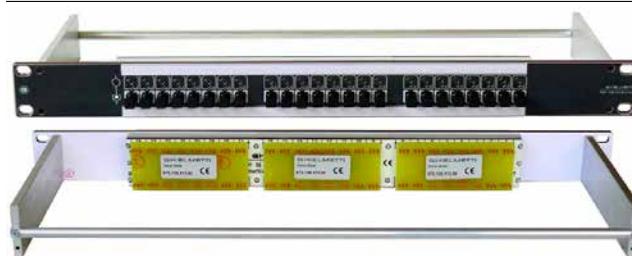
673.115.800.34



- › Econom Connecting Patch Panel
- › 24 channels, 3-pole
- › without channel separation shields
- › 19", 1 U, front panel anthracite with white print
- › 3 D-Sub 25-pole connector modules female
- › standard pinout, with common ground facility of the cable shields „cs“
- › 24 normalalling plugs black
- › 2 designation strips
- › 1 cable bar

ASF 1x24 AV 3/1 LA M Econom

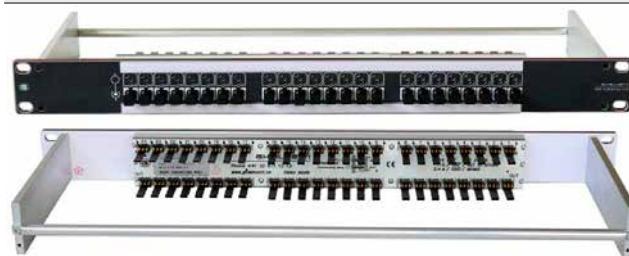
673.115.800.05



- › Econom Connecting Patch Panel
- › 24 channels, 3-pole
- › without channel separation shields
- › 19", 1 U, front panel anthracite with white print
- › 3 solder lug connector modules
- › 24 normalling plugs black
- › 2 designation strips
- › 1 cable bar

ASF 1x24 AV 3/1 SA G Econom

673.115.800.61



- › Econom Connecting Patch Panel
- › 24 channels, 3-pole
- › without channel separation shields
- › 19", 1 U, front panel anthracite with white print
- › plug-in connection
- › 48 solder lug connectors GAS 323 LA C
- › 24 normalalling plugs
- › 2 designation strips
- › 1 cable bar

ASF 1x32 A 3/1 LA M Econom

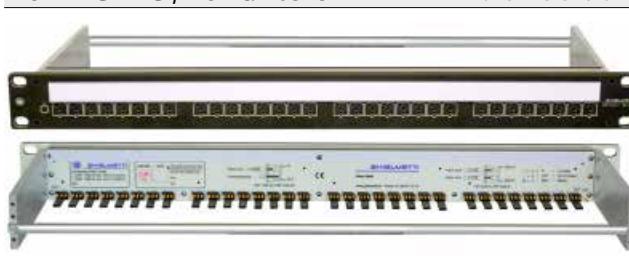
673.115.910.05



- › Econom Patch Panel
- › 32 channels, 3-pole
- › without channel separation shields
- › 19", 1 RU, front panel anthracite with white print
- › 4 solder lug connector modules
- › 1 designation strip
- › 1 cable bar

ASF 1x32 A 3/1 SA G Econom

673.115.910.61



- › Econom Patch Panel
- › 32 channels, 3-pole
- › without channel separation shields
- › 19", 1 U, front panel anthracite with white print
- › 32 solder lug connectors GAS 323 LA C
- › 1 designation strip
- › 1 cable bar

ASF 2x32 A 3/1 LA M Econom

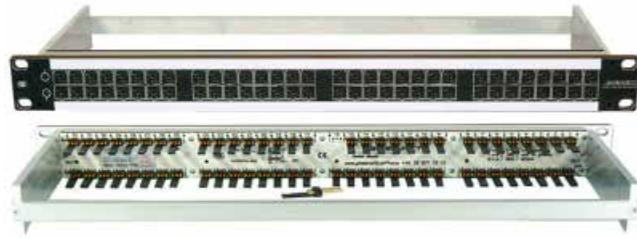
673.115.960.05



- › Econom Patch Panel
- › 64 channels, 3-pole
- › without channel separation shields
- › 19", 1 U, front panel anthracite with white print
- › 4 solder lug connector modules
- › 2 designation strips
- › 1 cable bar

ASF 2 x 32 A 3 / 1 SA G Econom

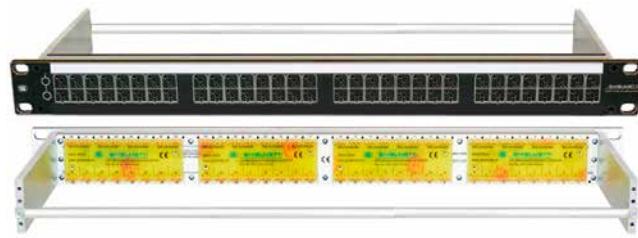
673.115.960.61



- › Econom Patch Panel
- › 64 channels, 3-pole
- › without channel separation shields
- › 19", 1 U, front panel anthracite with white print
- › 64 solder lug connectors GAS 323 LA C
- › 2 designation strips
- › 1 cable bar

ASF 1 x 32 AP 3 / 1 LA M Econom

673.115.950.05



- › Econom Patch Panel with parallel tab
- › 32 channels, 3-pole
- › without channel separation shields
- › 19", 1 U, front panel anthracite with white print
- › 4 solder lug connector modules
- › 1 designation strip
- › 1 cable bar

ASF 1 x 32 AP 3 / 1 SA G Econom

673.115.950.61



- › Econom Patch Panel with parallel tab
- › 32 channels, 3-pole
- › without channel separation shields
- › 19", 1 U, front panel anthracite with white print
- › 32 solder lug connectors GAS 323 LA C
- › 1 designation strip
- › 1 cable bar

ASF 1 x 32 AV 3 / 1 D25Sffcs Econom

673.115.900.34



- › Econom Connecting Patch Panel
- › 32 channels, 3-pole
- › without channel separation shields
- › 19", 1 U, front panel anthracite with white print
- › 4 D-Sub 25-pole connector modules female/female with standard Pinout and common ground facility of the cable shields „cs“
- › 32 normalling plugs black
- › 2 designation strips
- › 1 cable bar

ASF 1 x 32 AV 3 / 1 LA M Econom

673.115.900.05



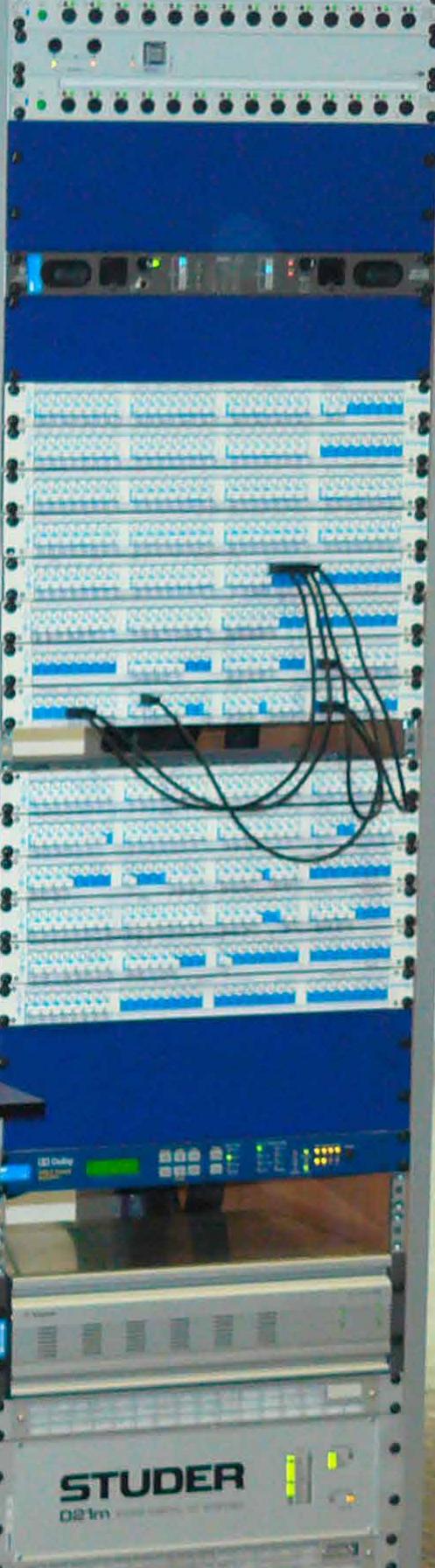
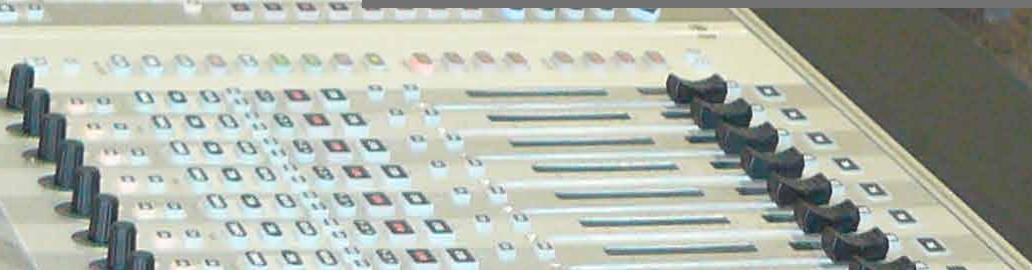
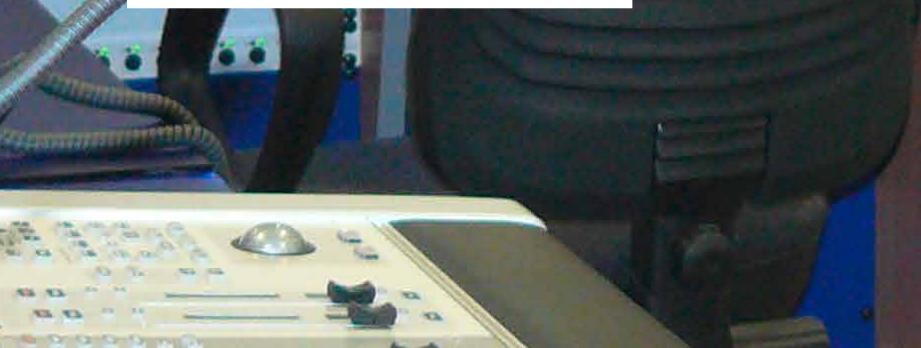
- › Econom Connecting Patch Panel
- › 32 channels, 3-pole
- › without channel separation shields
- › 19", 1 U, front panel anthracite with white print
- › 4 solder lug connector modules
- › 32 normalling plugs black
- › 2 designation strips
- › 1 cable bar

ASF 1 x 32 AV 3 / 1 SA G Econom

673.115.900.61



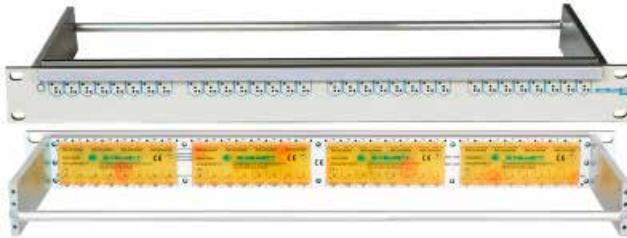
- › Econom Connecting Patch Panel
- › 32 channels, 3-pole
- › without channel separation shields
- › 19", 1 U, front panel anthracite with white print
- › 64 solder lug connectors GAS 323 LA C
- › 32 normalling plugs GVS 323 c sw black
- › 2 designation strips
- › 1 cable bar



Blueline Patch Panels
Broadcast, Mobile Truck, Mastering Studio

ASF 1x32 A 3/1 LA M Blueline

673.113.910.05



- › Standard Patch Panel
- › 32 channels, 3-pole
- › 19" / 1 U, front panel white with blue print
- › 4 solder lug connector modules
- › 1 designation strip
- › 1 cable bar

ASF 1x32 A 3/1 SA G Blueline

673.113.910.61



- › Standard Patch Panel
- › 32 channels, 3-pole
- › 19", 1 U, front panel white with blue print
- › 32 solder lug connectors GAS 323 LA C
- › 1 designation strip
- › 1 cable bar

ASF 2x32 A 3/1 LA M Blueline

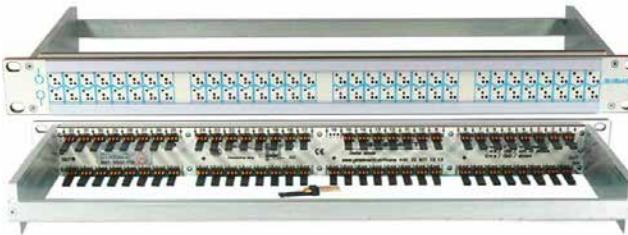
673.113.960.05



- › Standard Patch Panel
- › 64 channels, 3-pole
- › 19", 1 U, front panel white with blue print
- › 4 solder lug connector modules
- › 2 designation strips
- › 1 cable bar

ASF 2x32 A 3/1 SA G Blueline

673.113.960.61



- › Standard Patch Panel
- › 64 channels, 3-pole
- › 19", 1 U, front panel white with blue print
- › plug-in facility
- › 64 solder lug connectors GAS 323 LA C
- › 2 designation strips
- › 1 cable bar

ASF 2x32 A 3/1 D25Sffcs Blueline

673.113.960.34



- › Standard Patch Panel
- › 64 channels, 3-pole
- › 19", 1 U, front panel white with blue print
- › 4 Dsub 25-pole connector modules, female
- › with common ground cable shield facility „cs“
- › Standard pinout
- › 2 designation strips
- › 1 cable bar

ASF 2x32 A 3/1 D25Tff cs Blueline

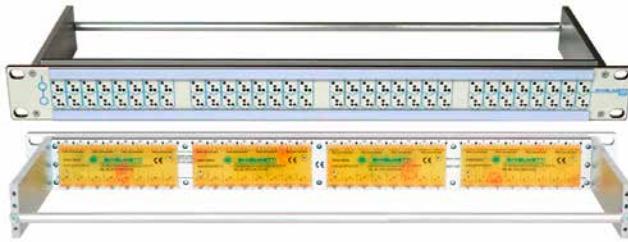
673.113.960.36



- › Standard Patch Panel
- › 64 channels, 3-pole
- › 19", 1 U, front panel white with blue print
- › 4 Dsub 25-pole connector modules, Tascam, female-female, Tascam pinout
- › with common ground facility of the cable shields „cs“
- › 2 designation strips
- › 1 cable bar

ASF 1x32 AP 3/1 LA M Blueline

673.113.950.05



- › Standard Patch Panel with parallel tab
- › 32 channels, 3-pole
- › 19", 1 U, front panel white with blue print
- › solder lugs
- › 1 designation strip
- › 1 cable bar

ASF 1x32 AP 3/1 SA G Blueline

673.113.950.61



- › Standard Patch Panel with parallel tab
- › 32 channels, 3-pole
- › 19", 1 U, front panel white with blue print
- › 32 solder lug connectors GAS 323 LA C
- › 1 designation strip
- › 1 cable bar

ASF 1x32 AV 3/1 LA M Blueline

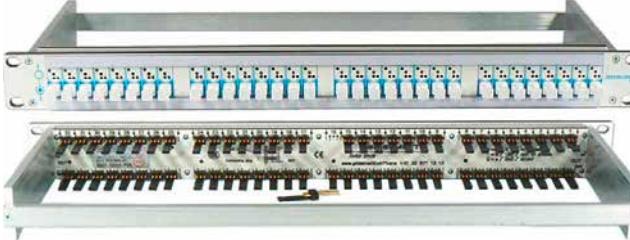
673.113.900.05



- › Standard Connecting Patch Panel
- › 32 channels, 3-pole
- › 19", 1 U, front panel white with blue print
- › 4 solder lug connector modules
- › 32 normalising plugs, white
- › 2 designation strips
- › 1 cable bar

ASF 1x32 AV 3/1 SA G Blueline

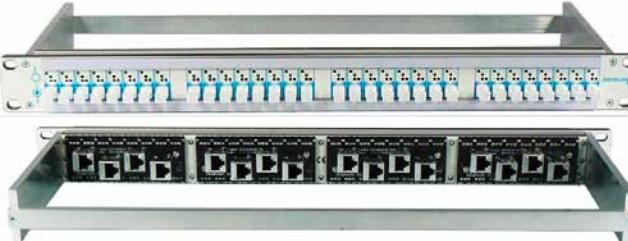
673.113.900.61



- › Standard Connecting Patch Panel
- › 32 channels, 3-pole
- › 19", 1 U, front panel white with blue print
- › 64 solder lug connectors GAS 323 LA C
- › 32 normalising plugs GVS 323 c ws white
- › 2 designation strips
- › 1 cable bar

ASF 1x32 AV 3/1 RJ45 Blueline

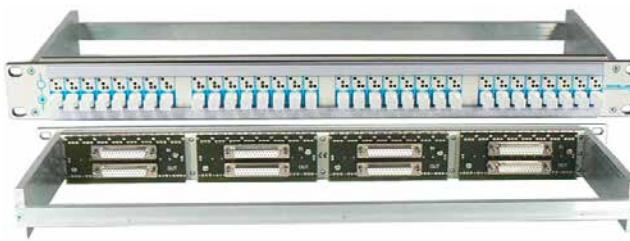
673.113.900.95



- › Standard Connecting Patch Panel
- › 32 channels, 3-pole
- › 19", 1 U, front panel white with blue print
- › 4 RJ45 connector modules
- › 32 normalising pins, white
- › 2 designation strips
- › 1 cable bar

ASF 1x32 AV 3/1 D25Sffcs Blueline

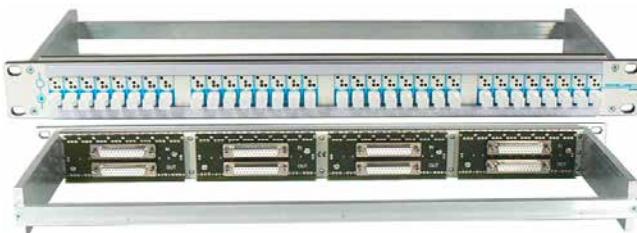
673.113.900.34



- › Standard Connecting Patch Panel
- › 32 channels, 3-pole
- › 19", 1 U, front panel white with blue print
- › 4 D-Sub 25-pole connector modules female/female
- › Standard pinout
- › with common ground facility of the cable shields „cs“
- › 32 normalising plugs GVS 323 c ws white
- › 2 designation strips
- › 1 cable bar

ASF 1x32 AV 3/1 D25Tff cs Blueline

673.113.900.36



- › Standard Connecting Patch Panel
- › 32 channels, 3-pole
- › 19", 1 U, front panel white with blue print
- › 4 D-Sub 25-pole connector modules female/female
- › Tascam pinout
- › with common ground facility of the cable shields „cs“
- › 32 normalizing pins, white
- › 2 designation strips
- › 1 cable bar

GLS 2200-16-RJ10

673.114.143.97



- › Multiple power supply module to „Light“ Patch Panels
- › 16 RJ10 power socket, 12 VDC
- › each socket feeds max 3 „Light“ Patch Panel
- › (by using Y-splitter cables)
- › automatic switch off time programmable
- › ON-/OFF button
- › 19", 1 U, 110mm
- › Power supply 87 ... 230VAC
- › Output 12 VDC

GAK 200 RJ10m-RJ10m

673.910.900.10



- › Extension cable RJ10 to Light panels
- › both side RJ10 male connectors
- › 4-pole 4P4C
- › 2 m, black

GAK 20-Y-RJ10

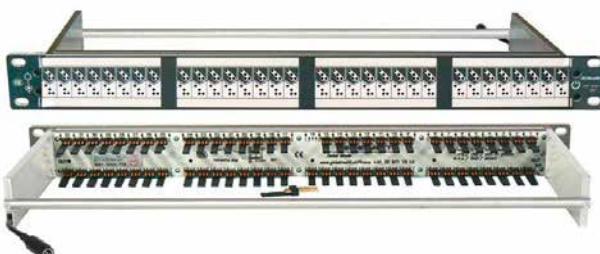
673.910.900.25



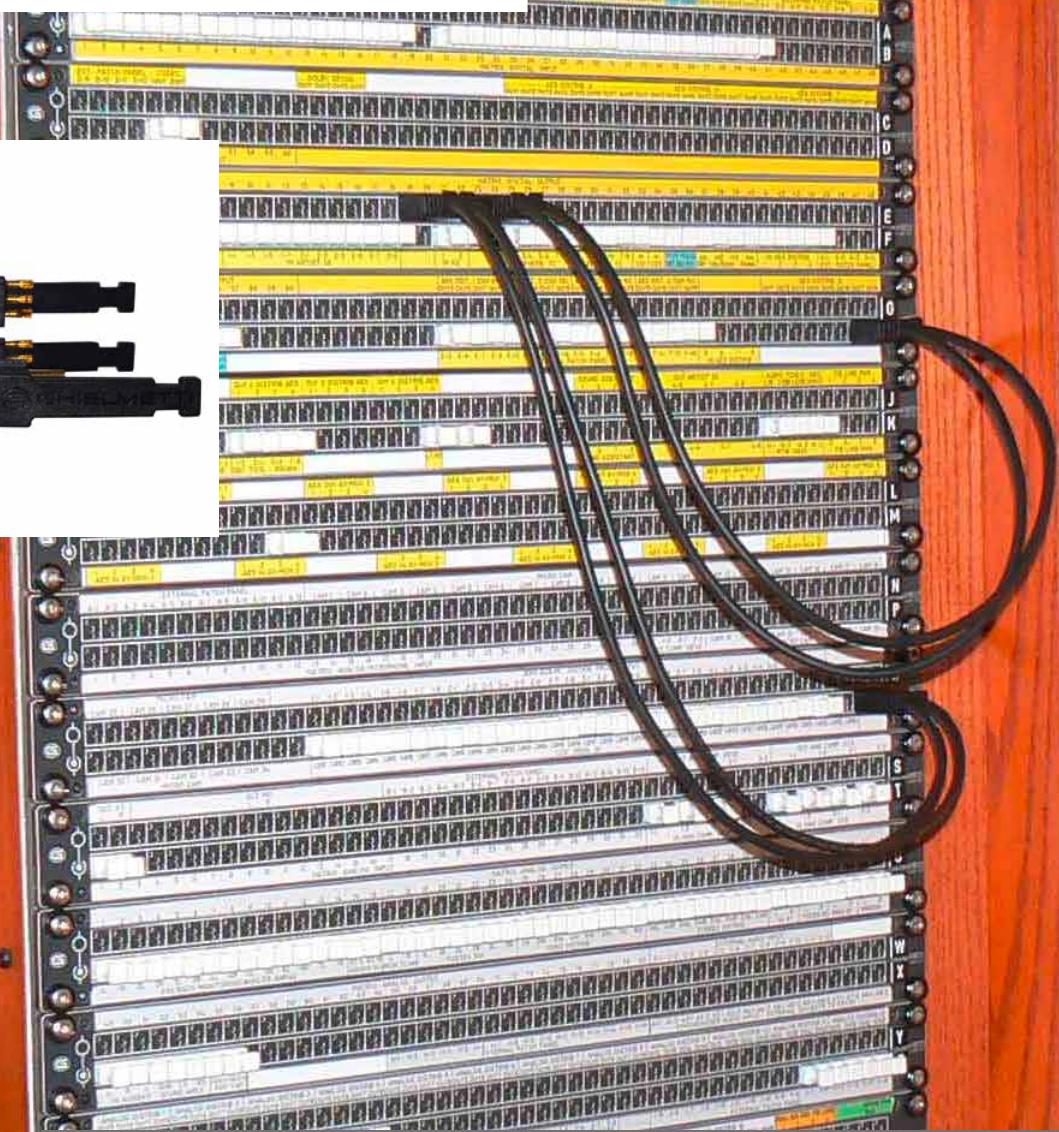
- › Y - adapter cable
- › RJ10 double plug to RJ10 connector
- › 20 cm, black

ASF 1x32 AV 3/1 SA G Light RJ10

673.117.263.13



- › Standard Patch Panel „Light“
- › with illuminated front panel, anthracite
- › 32 channels, 3-pole connecting
- › 19", 1 U, 165mm
- › plug-in facility
- › 64 solder lug connectors GAS 323 LA C
- › 32 normalizing plugs, black
- › 1 cable bar
- › 1 transparent film for designation strips
- › 1 extension cable GAK 200 RJ10m-RJ10m, 2m
- › 12 VDC supply, RJ10 plug female



Compact Patch Panels
48/96 channel analog/digital (AES) Patch Bay

CSF 2×48 A 3/1 LA M

673.113.554.12



- › Compact Standard Patch Panel
- › 96 channels, 3-pole
- › 19", 1 U, front panel anthracite
- › 6 solder lug connector modules
- › 1 cable bar
- › 2 designation strips

CSF 2×48 A 3/1 SA G

673.113.554.13



- › Compact Standard Patch Panel
- › 96 channels, 3-pole
- › 19", 1 U, front panel anthracite
- › 96 solder lug connectors GAS 323 LA C
- › 1 cable bar
- › 2 designation strips

CSF 1×48 AV 3/1 LA M

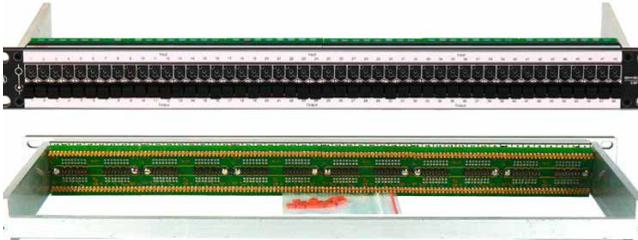
673.113.553.12



- › Compact Connecting Patch Panel
- › 48 channels, 3-pole,
- › 19", 1 U, front panel anthracite with white print
- › 6 solder lug connector modules
- › 48 normalling plugs, black
- › 1 cable bar
- › 2 designation strips

CSF 1×48 AV 3/1 LA plus

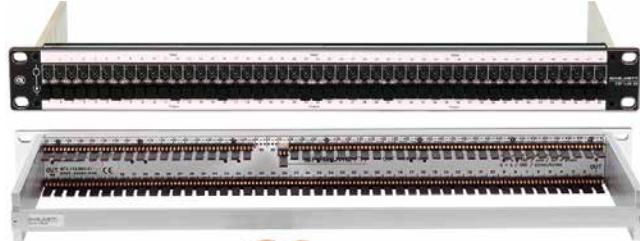
673.113.553.11



- › Compact Connecting Patch Panel
- › 48 channels, 3-pole,
- › 19", 1 U, front panel anthracite with white print
- › 6 solder lug connector modules with shield jumpers
- › 48 normalling plugs, black
- › 1 cable bar
- › 2 designation strips

CSF 1×48 AV 3/1 SA G

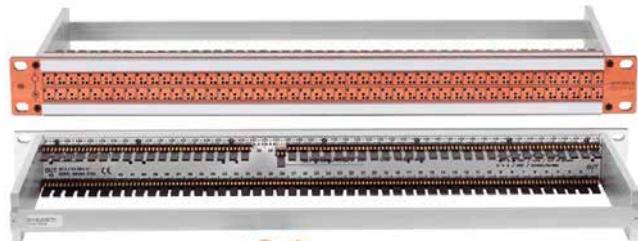
673.113.553.13



- › Compact Connecting Patch Panel
- › 48 channels, 3-pole
- › 19", 1 U, front panel anthracite with white print
- › 96 solder lug connectors GAS 323 LA C
- › 48 normalling plugs, black
- › 1 cable bar
- › 2 designation strips

CSF 1×48 AV 3/1 SA G WoodStar

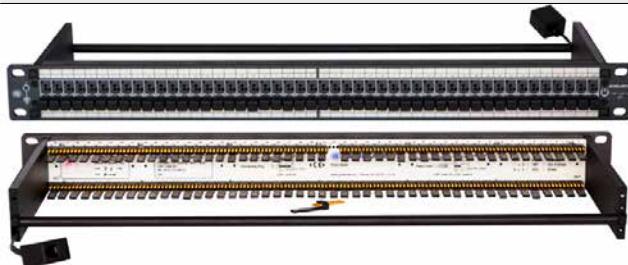
673.116.553.13



- › Compact Connecting Patch Panel
- › 48 channels, 3-pole
- › 19", 1 RU, front panel wooden decor
- › 96 3-pole solder plugs
- › 48 normalling plugs, white
- › 1 cable bar
- › 2 designation strips

CSF 1x48 AV 3/1 SA G Light RJ10

673.117.261.13



- › Compact Connecting Patch Panel „Light“
- › with illuminated front panel, anthracite
- › 48 channels, 3-pole connecting
- › 19“, 1 U, 25mm (165mm with cable bar)
- › 96 solder lug connectors
- › 48 normalling plugs
- › 1 cable bar
- › 1 transparent film for designation strips
- › for 12 VDC power supply, connector RJ10
- › 1 cable for connection to GLS unit

CSF 1x48 AV 3/1 SA G Light peu RJ10

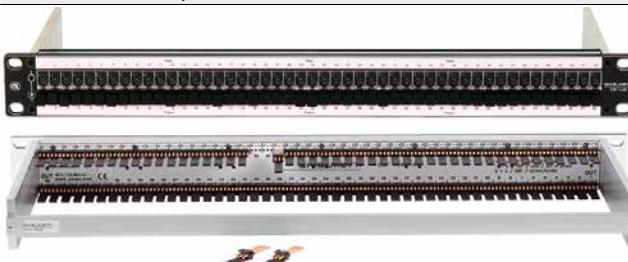
673.117.260.13



- › Compact Connecting Patch Panel „Light“
- › with illuminated front panel, anthracite
- › 48 channels, 3-pole connecting
- › 19“, 1 U, 25mm (165mm with cable bar)
- › 96 solder lug connectors
- › 48 normalling plugs
- › 1 cable bar
- › 1 transparent film for designation strips
- › 1 adapter cable GAK 200 RJ10m-RJ10m, 2m
- › 1 power supply module, type EU, connector RJ10

CSF 1x48 AV 3/1 SA G H

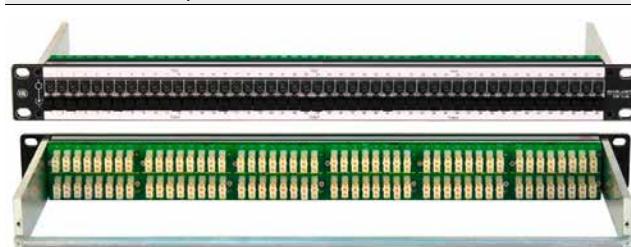
673.113.553.14



- › Compact Connecting Patch Panel
- › High Performance
- › 48 channels, 3-pole
- › 19“ / 1 RU, front panel anthracite
- › with layer-shieldings
- › 96 solder lug connectors GAS 323 LA C
- › 48 normalling plugs, black
- › 1 cable bar
- › 2 designation strips

CSF 1x48 AV 3/1 E3m

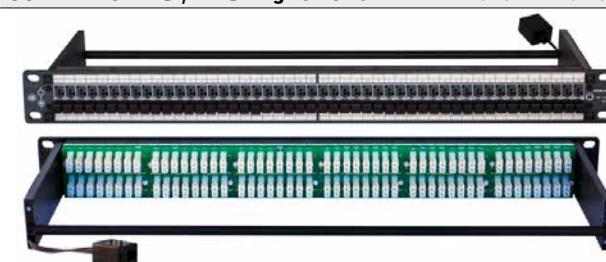
673.113.553.32



- › Compact Connecting Patch Panel
- › 48 channels, 3-pole
- › 19“, 1 U, front panel anthracite with white print
- › 6 EDAC 3-pole connector modules, male
- › 48 normalling plugs, black
- › 1 cable bar
- › 2 designation strips

CSF 1x48 AV 3/1 E3 Light RJ10

673.117.261.32



- › Compact Connecting Patch Panel „Light“
- › with illuminated front panel, anthracite
- › 48 channels, 3-pole connecting
- › 19“, 1 U, 25mm (165mm with cable bar)
- › 96 solder lug connectors
- › 48 normalling plugs
- › 1 cable bar
- › 1 transparent film for designation strips
- › 1 adapter cable GAK 200 RJ10m-RJ10m, 2m
- › for 12 VDC power supply

CSF 1x48 AV 3/1 E3 Light peu RJ10

673.117.260.32



- › Compact Connecting Patch Panel „Light“
- › with illuminated front panel, anthracite
- › 48 channels, 3-pole connecting
- › 19“, 1 U, 25mm (165mm with cable bar)
- › 96 solder lug connectors
- › 48 normalling plugs
- › 1 cable bar
- › 1 transparent film for designation strips
- › 1 adapter cable GAK 200 RJ10m-RJ10m, 2m
- › 1 power supply module, type EU, connector RJ10

CSF 1x48 AV 3/1 D25S fm

673.113.553.42



- › Compact Connecting Patch Panel
- › 48 channels, 3-pole
- › 19", 1 RU, front panel anthracite
- › 6 D-Sub 25-pole connector modules
- › standard pinout, top row: female, bottom row: male connectors
- › 48 normalalling plugs, black
- › 1 cable bar
- › 2 designation strips

CSF 1x48 AV 3/1 D37mm

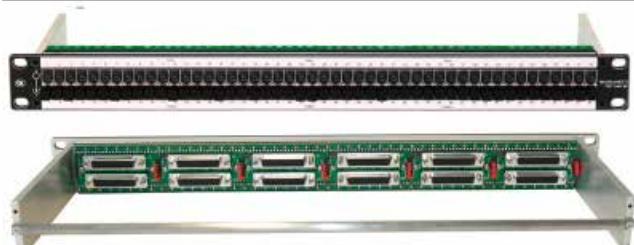
673.113.553.45



- › Compact Connecting Patch Panel
- › 48 channels, 3-pole
- › 19", 1 U, front panel anthracite with white print
- › 6 D-Sub 37-pole connector modules male
- › 48 normalalling plugs, black
- › 1 cable bar
- › 2 designation strips

CSF 1x48 AV 3/1 D25T ff

673.113.553.48



- › Compact Connecting Patch Panel
- › 48 channels, 3-pole
- › 19", 1 U, front panel anthracite with white print
- › 6 D-Sub 25-pole connector modules female TASCAM pinout
- › 48 normalalling plugs
- › 1 cable bar
- › 2 designation strips

CSF 1x48 AV 3/1 D25T ff Light p RJ10

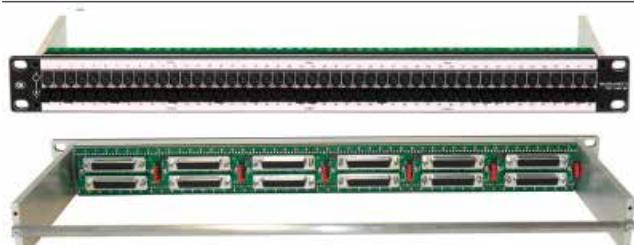
673.117.260.48



- › Compact Connecting Patch Panel „Light“
- › with illuminated front panel, anthracite
- › 48 channels, 3-pole connecting
- › 19", 1 U, 25mm (165mm with cable bar)
- › 6 D-Sub 25-pole connector modules, female
- › TASCAM pinout
- › 48 normalalling plugs
- › 1 cable bar
- › 1 transparent film for designation strips
- › 1 adapter cable GAK 200 RJ10m-RJ10m, 2m
- › 1 power supply module, type EU, connector RJ10

CSF 1x48 AV 3/1 D25S ffcs

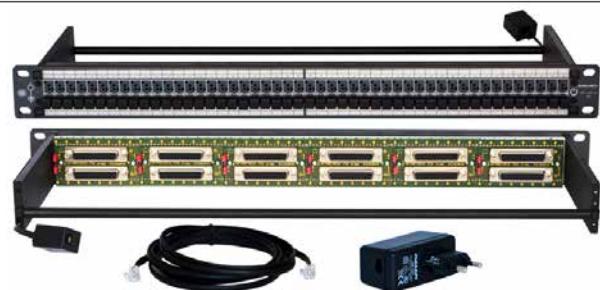
673.113.553.47



- › Compact Connecting Patch Panel
- › 48 channels, 3-pole
- › 19", 1 U, front panel anthracite with white print
- › 6 D-Sub 25-pole connector modules female
- › standard pinout
- › with common ground of the cable shields
- › 48 normalalling plugs
- › 1 cable bar
- › 2 designation strips

CSF 1x48 AV 3/1 D25S ffcs Light peu RJ10

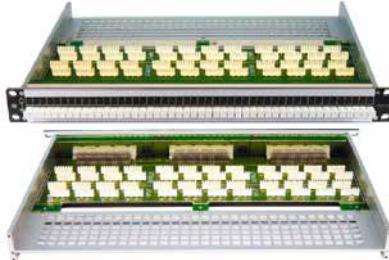
673.117.260.47



- › Compact Connecting Patch Panel „Light“
- › with illuminated front panel, anthracite
- › 48 channels, 3-pole connecting
- › 19", 1 U, 25mm (165mm with cable bar)
- › 6 D-Sub 25-pole connector modules, female
- › TASCAM pinout
- › 48 normalalling plugs
- › 1 cable bar
- › 1 transparent film for designation strips
- › 1 adapter cable GAK 200 RJ10m-RJ10m, 2m
- › 1 power supply module, type EU, connector RJ10

CSF 1x48 AV 3/1 KP C

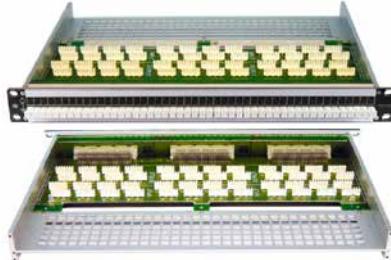
673.113.553.61



- › Compact Connecting Patch Panel
- › 48 channels, 3-pole
- › 19", 1 RU, front panel anthracite
- › with KRONE-LSA Quick Connection technique
- › 48 normalling plugs, black
- › 1 cable bar plate
- › 2 designation strips

CSF 1x48 AV 3/1 KP C E

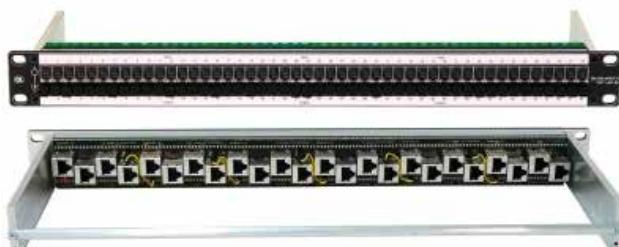
673.113.553.63



- › Compact Connecting Patch Panel
- › 48 channels, 2-pole normalling
- › common ground [E]
- › 19", 1 U, front panel anthracite with white print
- › with KRONE-LSA Quick Connection technique
- › 48 normalling plugs
- › 1 cable bar
- › 2 designation strips

CSF 1x48 AV 3/1 RJ45

673.113.553.95



- › Compact Connecting Patch Panel
- › 48 channels, 3-pole
- › 19", 1U, front panel anthracite with white print
- › 6 RJ45 connector modules
- › 48 normalling plugs
- › 1 cable bar
- › 2 designation strips

CSF 1x48 AV 3/1 EDAC56 fm

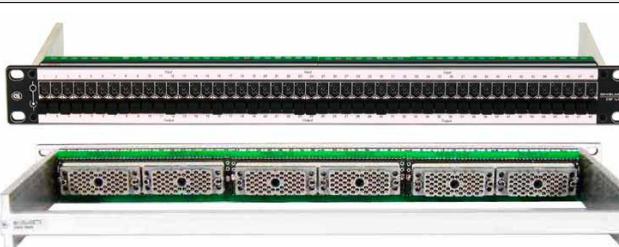
673.113.553.81



- › Compact Connecting Patch Panel
- › 48 channels, 3-pole
- › 19", 1 U, front panel anthracite with white print
- › 3 EDAC 56-pole connector modules
- › Inputs: female, outputs: male
- › 48 normalling plugs
- › 1 cable bar
- › 2 designation strips

CSF 1x48 AV 3/1 EDAC56 ff ADAT

673.113.553.82



- › Compact Connecting Patch Panel
- › 48 channels, 3-pole
- › 19", 1 U, front panel anthracite with white print
- › 3 EDAC 56-pole connector modules
- › in and outputs female, adat-pinout
- › 48 normalling plugs
- › 1 cable bar
- › 2 designation strips

GLS 2200-16-RJ10

673.114.143.97



- › Multiple power supply module to „Light“ Patch Panels
- › 16 RJ10 power socket, 12 VDC
- › each socket feeds max 3 „Light“ Patch Panel
- › (by using Y- splitter cables)
- › automatic switch off time programmable
- › ON-/OFF button
- › 19", 1 U, 110mm
- › Power supply 87 ... 230VAC
- › Output 12 VDC

GAK 200 RJ10m-RJ10m

673.910.900.10



- › Extension cable RJ10 to Light panels
- › both side RJ10 male connectors
- › 4-pole 4P4C
- › 2 m, black

GAK 20-Y-RJ10

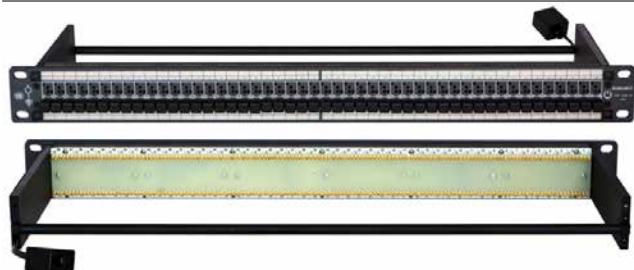
673.910.900.25



- › Y - adapter cable
- › RJ10 double plug to RJ10 connector
- › 20 cm, black

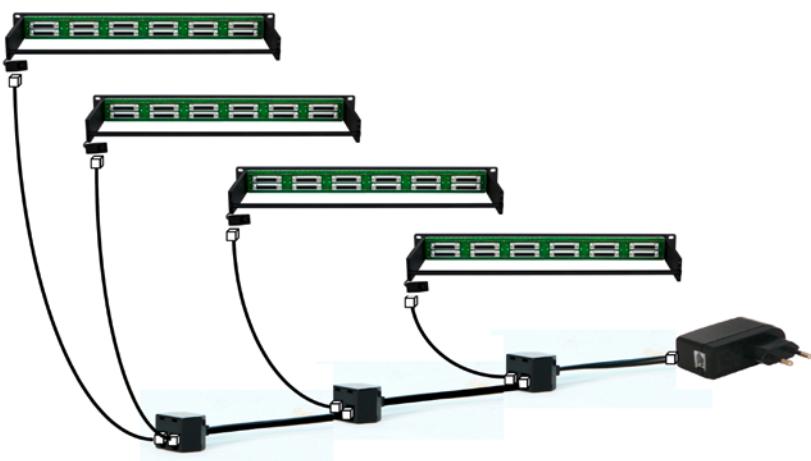
CSF 1x48 AV 3/1 LA M Light RJ10

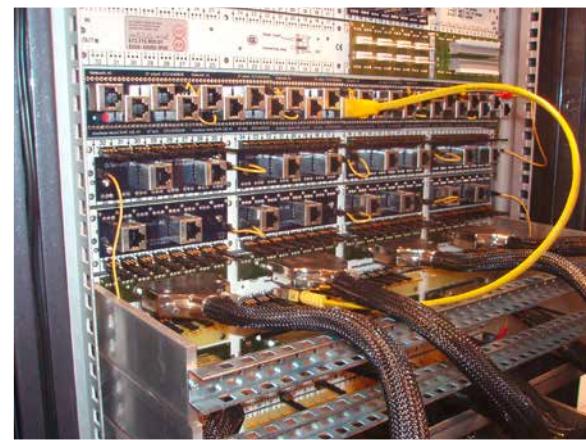
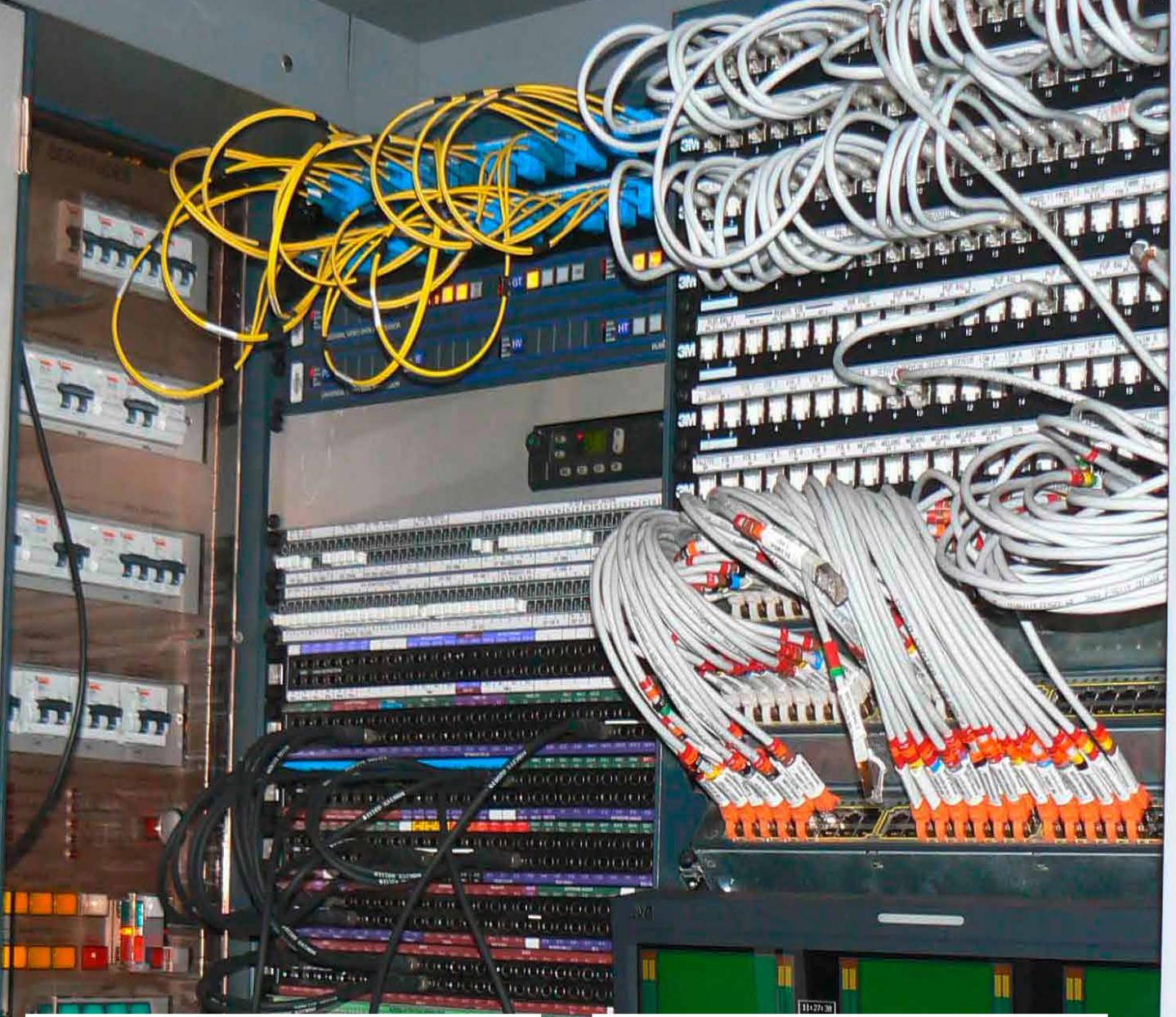
673.117.261.12



- › Compact Connecting Patch Panel „Light“
- › with illuminated front panel, anthracite
- › 48 channels, 3-pole connecting
- › 19“, 1U, 25mm (165mm with cable bar)
- › 6 solder lug connector modules
- › 48 normalalling plugs
- › 1 cable bar
- › 1 transparent film for designation strips
- › for 12 VDC power supply, connector RJ10
- › 1 cable for connection to GLS unit

Up to 4 pcs GHIELMETTI-Backlit patch panels with only 1 single power adaptor by using Y-splitter cables.



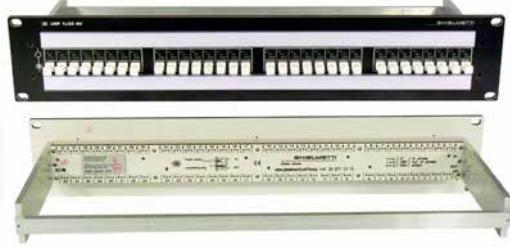


Universal Patch Panels
Broadcast, Main Control, Radio, TV



USF 1x32 AV 3/2 SA

673.114.012.01



- › Universal Connecting Patch Panel
- › 32 channels 3-pole
- › 19", 2 RU, anthracite
- › plug-in facility
- › 32 normalling plugs black
- › 2 designation strips
- › 1 cable bar
- › without connector modules

USF 1x32 AV 3/2 SA WoodStar

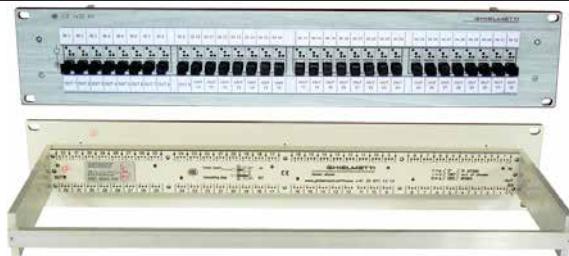
673.114.012.03



- › Universal Connecting Patch Panel
- › 32 channels 3-pole
- › 19", 2 U, front panel wooden decore mat brown
- › plug-in connection
- › 32 normalling plugs
- › 2 designation strips
- › 1 cable bar

USF 1x32 AV 3/2 SA SilverStar g

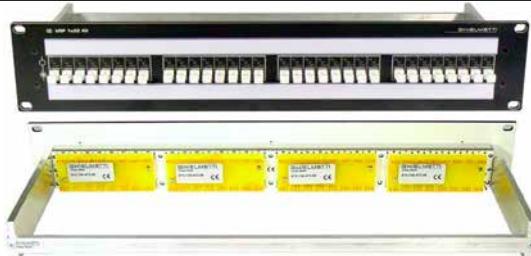
673.114.012.08G



- › Universal Connecting Patch Panel
- › 32 channels 3-pole
- › 19", 2 U, front panel wooden decore silver, high polish
- › plug-in connection
- › 32 normalling plugs
- › 2 designation strips
- › 1 cable bar

USF 1x32 AV 3/2 LA M

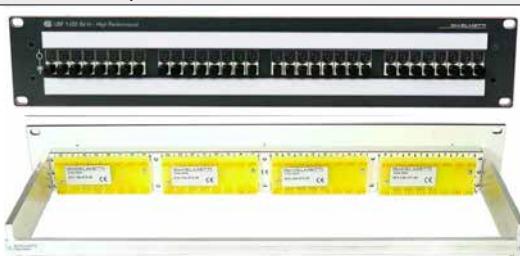
673.114.012.11



- › Universal Connecting Patch Panel
- › 32 channels, 3-pole
- › 19", 2 U, front panel anthracite with white print
- › 4 solder lug connector modules
- › 32 normalling plugs, black
- › 2 designation strips
- › 1 cable bar

USF 1x32 AV 3/2 LA M H

673.114.051.11



- › Universal Connecting Patch Panel
- › High Performance cross talk > 115 dB
- › 32 channels, 3-pole
- › 19", 2 U, front panel anthracite with white print
- › 4 solder lug connector modules
- › 32 normalling plugs black
- › 2 designation strips
- › 1 cable bar

USF 1x32 AV 3/2 SA G

673.114.014.01



- › Universal Connecting Patch Panel
- › 32 channels 3-pole
- › 19", 2 U, front panel anthracite with white print
- › plug-in connection
- › 64 solder lug connectors GAS 323 LA C
- › 32 normalling plugs
- › 2 designation strips
- › 1 cable bar

USF 1x32 AV 3/2 SA G H

673.114.051.13



- › Universal Connecting Patch Panel
- › High Performance cross talk > 115 dB
- › 32 channels, 3-pole
- › 19", 2 U, front panel anthracite with white print
- › plug-in connection,
- › 64 solder lug connectors GAS 323 LA C
- › 32 normalling plugs black
- › 2 designation strips
- › 1 cable bar

USF 1x32 AV 3/2 SK

673.114.012.71



- › Universal Connecting Patch Panel
- › 32 channels, 3-pole
- › 19", 2 U, front panel anthracite with white print
- › 4 screw-mount connector modules
- › 32 normalling plugs black
- › 2 designation strips
- › 1 cable bar

USF 1x32 AV 3/2 SK H

673.114.051.71



- › Universal Connecting Patch Panel
- › High Performance cross talk > 115 dB
- › 32 channels, 3-pole
- › 19", 2 U, front panel anthracite with white print
- › 4 screw-mount connector modules
- › 32 normalling plugs black
- › 2 designation strips
- › 1 cable bar

USF 1x32 AV 3/2 D25S ffcs

673.114.012.34



- › Universal Connecting Patch Panel
- › 32 channel, 3-pole
- › 19", 2 U, front panel anthracite with white print
- › 4 D-Sub 25-pole connector modules female
- › with common ground facility of the cable shields „cs“, Standard pinout
- › 32 normalling plugs black
- › 2 designation strips
- › 1 cable bars

USF 1x32 AV 3/2 D25S ffcs H

673.114.051.34



- › Universal Connecting Patch Panel
- › High Performance cross talk > 115 dB
- › 32 channels, 3-pole
- › 19", 2 U, front panel anthracite with white print
- › 4 D-Sub 25-pole connector modules, female
- › with common ground facility of the cable shields „cs“, standard pinout
- › 32 normalling plugs black
- › 2 designation strips
- › 1 cable bar

USF 1x32 AV 3/2 D25S fm

673.114.012.32



- › Universal Connecting Patch Panel
- › 32 channels, 3-pole
- › 19", 2 U, front panel anthracite with white print
- › 4 D-Sub 25-pole connector modules female/male
- › with standard pinout
- › 32 normalling plugs black
- › 2 designation strips
- › 1 cable bar

USF 1x32 AV 3/2 D25S fm H

673.114.051.35



- › Universal connecting patch panel
- › High Performance cross talk: > 115 dB
- › 32 channels, 3-pole
- › 19", 2 HE, anthracite
- › 4 D-Sub 25-pole connector modules female / male
- › standard pinout
- › 32 normalising plugs, black
- › 2 designation strips
- › 1 cable bar

USF 1x32 AV 3/2 D25T ff H

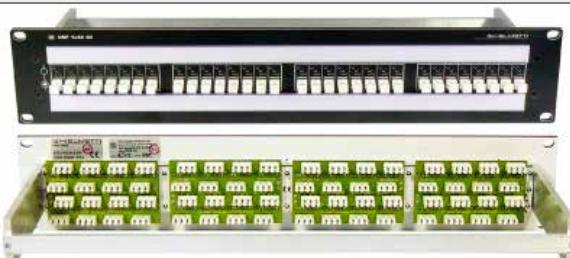
673.114.051.36



- › Universal Connecting Patch Panel
- › High Performance cross talk >115 dB
- › 32 channels, 3-pole
- › 19", 2 U, front panel anthracite with white print
- › 4 D-Sub 25-pole connector modules, female
- › Tascam pinout
- › 32 normalising plugs black
- › 2 designation strips
- › 1 cable bar

USF 1x32 AV 3/2 KP

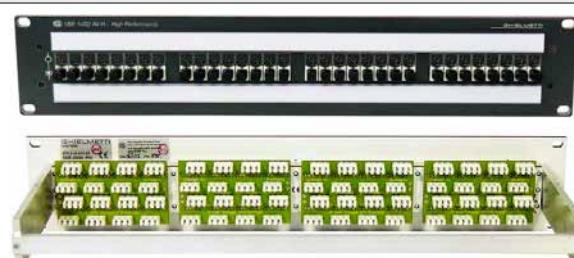
673.114.012.51



- › Universal Connecting Patch Panel
- › 32 channels, 3-pole
- › 19", 2 U, front panel anthracite with white print
- › 4 KRONE LSA PLUS connector modules
- › 32 normalising plugs black
- › 2 designation strips
- › 1 cable bar

USF 1x32 AV 3/2 KP H

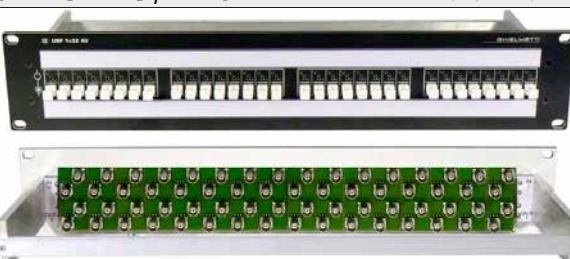
673.114.051.51



- › Universal Connecting Patch Panel
- › High Performance cross talk >115 dB
- › 32 channels, 3-pole
- › 19", 2 U, front panel anthracite with white print
- › 4 KRONE LSA PLUS connector modules
- › 32 normalising plugs black
- › 2 designation strips
- › 1 cable bar

USF 1x32 AV 3/2 BNC

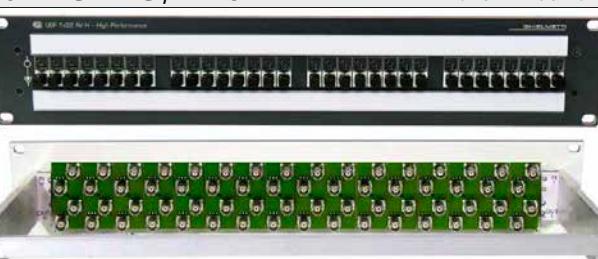
673.114.012.61



- › Universal Connecting Patch Panel
- › 32 channels, 3-pole
- › 19", 2 U, front panel anthracite with white print
- › 4 BNC 75 Ohm connector modules
- › 32 normalising plugs black
- › 2 designation strips
- › 1 cable bar

USF 1x32 AV 3/2 BNC H

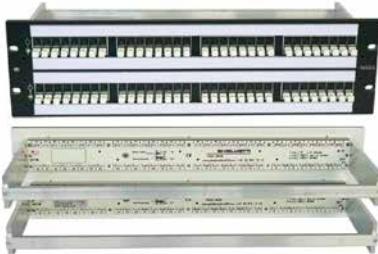
673.114.051.61



- › Universal Connecting Patch Panel
- › High Performance cross talk > 115 dB
- › 32 channels, 3-pole
- › 19", 2 U, front panel anthracite with white print
- › 4 BNC 75 Ohm connector modules
- › 32 normalising plugs black
- › 2 designation strips
- › 1 cable bar

USF 2 x 32 AV 3 / 3 SA

673.114.018.01



- › Universal Connecting Patch Panel
- › 64 channels, 3-pole
- › 19", 3 RU, anthracite
- › plug-in connection
- › 64 normalling plugs
- › 4 designation strips
- › 2 cable bars

USF 2 x 32 AV 3 / 3 LA M

673.114.018.11



- › Universal Connecting Patch Panel
- › 64 channel, 3-pole
- › 19", 3 U, front panel anthracite with white print
- › 8 solder lug connector modules
- › 64 normalling plugs black
- › 4 designation strips
- › 2 cable bars

USF 2 x 32 AV 3 / 3 LA H

673.114.055.11



- › Universal Connecting Patch Panel
- › High Performance cross talk > 115 dB
- › 64 channels, 3-pole
- › 19", 3 U, front panel anthracite with white print
- › 8 solder lug connector modules
- › 64 normalling plugs black
- › 4 designation strips
- › 2 cable bars

USF 2 x 32 AV 3 / 3 SA G

673.114.020.01



- › Universal Connecting Patch Panel
- › 64 channels 3-pole
- › 19", 3 RU, anthracite
- › plug-in connection
- › 128 solder lug connectors GAS 323 LA C
- › 64 normalling plugs
- › 4 designation strips
- › 2 cable bars

USF 2 x 32 AV 3 / 3 SA G H

673.114.055.13



- › Universal Connecting Patch Panel
- › High Performance , cross talk > 115 dB
- › 64 channels, 3-pole
- › 19", 3 U, front panel anthracite with white print
- › 128 solder lug connectors GAS 323 LA C
- › 64 normalling plugs black
- › 4 designation strips
- › 2 cable bars

USF 2 x 32 AV 3 / 3 SA G Light peu RJ10

673.117.277.13



- › Universal Connecting Patch Panel
- › backlit front panel
- › 64 channels 3-pole
- › 128 3-pole solder plugs GAS 323 LA C
- › 64 normalling plugs black
- › 19", 3 U, front panel anthracite
- › 1 transparent foil for designation strips
- › 2 cable bars
- › 1 Y - adapter cable GAK 20-Y-RJ10
- › 1 extension cable GAK 200 RJ10m-RJ10m
- › 1 pce 230 VAC / 12 VDC power supply RJ10

USF 2 x 32 AV 3 / 3 SK

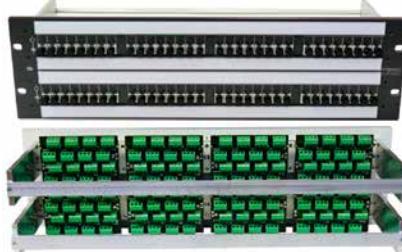
673.114.018.71



- › Universal Connecting Patch Panel
- › 64 channel, 3-pole
- › 19", 3 U, front panel anthracite with white print
- › 8 screw mount connector modules
- › 64 normalling plugs
- › 4 designation strips
- › 2 cable bars

USF 2 x 32 AV 3 / 3 SK H

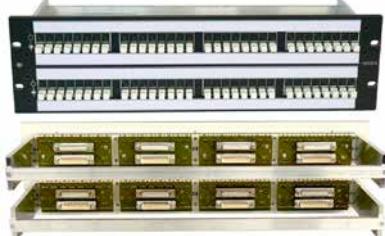
673.114.055.71



- › Universal Connecting Patch Panel
- › High Performance cross talk > 115 dB
- › 64 channels, 3-pole
- › 19", 3 U, front panel anthracite with white print
- › 8 screw mount connector modules
- › 64 normalling plugs black
- › 4 designation strips
- › 2 cable bars

USF 2 x 32 AV 3 / 3 D25S fm

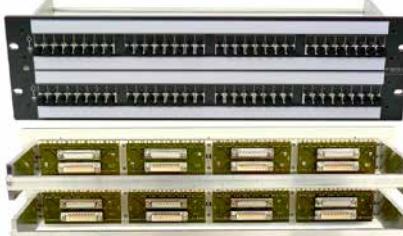
673.114.018.32



- › Universal Connecting Patch Panel
- › 64 channel, 3-pole
- › 19", 3 U, front panel anthracite with white print
- › 8 Dsub 25-pole connector modules female-male
- › Standard pinout
- › 64 normalling plugs black
- › 4 designation strips
- › 2 cable bars

USF 2 x 32 AV 3 / 3 D25S fm H

673.114.055.32



- › Universal Connecting Patch Panel
- › High Performance, cross talk > 115 dB
- › 64 channels, 3-pole
- › 19", 3 U, front panel anthracite with white print
- › 8 D-Sub 25-pole connector modules female - male
- › standard pinout
- › 64 normalling plugs black
- › 4 designation strips
- › 2 cable bars

USF 2 x 32 AV 3 / 3 D25S ffcs

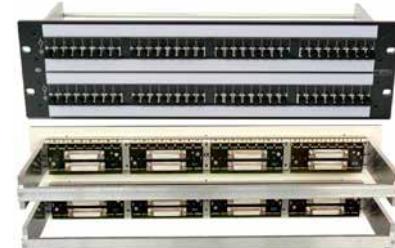
673.114.018.34



- › Universal Connecting Patch Panel
- › 64 channel, 3-pole
- › 19", 3 U, front panel anthracite with white print
- › 8 Dsub 25-pole connector modules female
- › with common ground facility of the cable shields „cs“,
- › Standard pinout
- › 64 normalling plugs black
- › 4 designation strips
- › 2 cable bars

USF 2 x 32 AV 3 / 3 D25S ffcs H

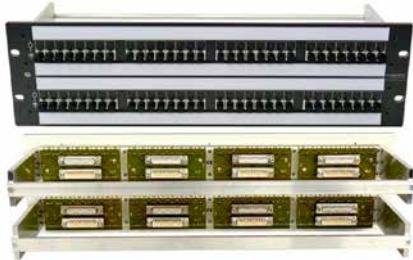
673.114.055.34



- › Universal Connecting Patch Panel
- › High Performance, cross talk > 115 dB
- › 64 channels, 3-pole
- › 19", 3 U, front panel anthracite with white print
- › 8 D-Sub 25-pole connector modules female female
- › with common ground facility of the cable shields „cs“,
- › standard pinout
- › 64 normalling plugs black
- › 4 designation strips
- › 2 cable bars

USF 2 x 32 AV 3 / 3 D25T ff H

673.114.055.36



- › Universal Connecting Patch Panel
- › High Performance, cross talk > 115 dB
- › 64 channels, 3-pole
- › 19", 3 U, front panel anthracite with white print
- › 8 Dsub 25-pole connector modules female - female
- › Tascam pinout
- › 64 normalling plugs black
- › 4 designation strips
- › 2 cable bars

USF 2 x 32 AV 3 / 3 KP

673.114.018.51



- › Universal Connecting Patch Panel
- › 64 channel, 3-pole
- › 19", 3 U, front panel anthracite with white print
- › 8 KRONE-LSA-PLUS connector modules
- › 64 normalling plugs
- › 4 designation strips
- › 2 cable bars

USF 2 x 32 AV 3 / 3 KP H

673.114.055.51



- › Universal Connecting Patch Panel
- › High Performance cross talk > 115 dB
- › 64 channels, 3-pole
- › 19", 3 U, front panel anthracite with white print
- › 8 KRONE LSA PLUS connector modules
- › 64 normalling plugs black
- › 4 designation strips
- › 2 cable bars

USF 2 x 32 AV 3 / 3 BNC

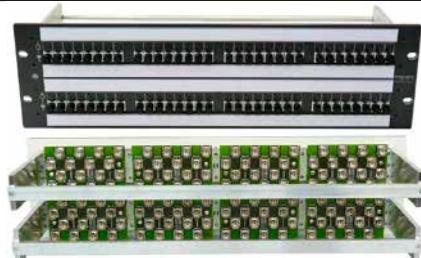
673.114.018.61



- › Universal Connecting Patch Panel
- › 64 channel, 3-pole
- › 19", 3 U, front panel anthracite with white print
- › 8 BNC 75 Ohm connector modules
- › 64 normalling plugs
- › 4 designation strips
- › 2 cable bars

USF 2 x 32 AV 3 / 3 BNC H

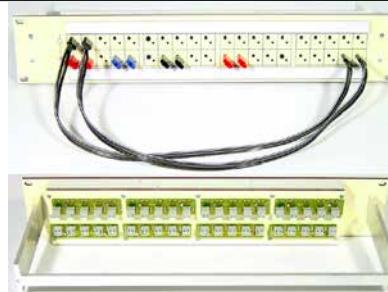
673.114.055.61



- › Universal Connecting Patch Panel
- › High Performance cross talk > 115 dB
- › 64 channels, 3-pole
- › 19", 3 U, front panel anthracite with white print
- › 8 BNC 75 Ohm connector modules
- › 64 normalling plugs black
- › 4 designation strips
- › 2 cable bars

LSF 1 x 20 AV 2 / 2 SK

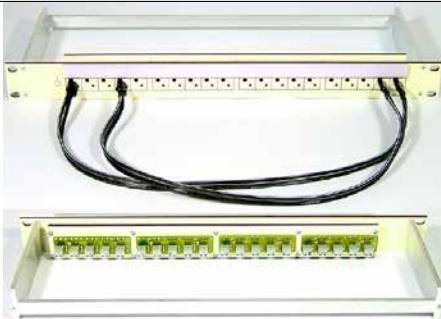
674.115.139.71



- › Low voltage - patch panel, type 622
- › Umax: 230VAC, Imax: 16A
- › 20 channels, 2-pole through-connexion
- › 19", 2 RU, front panel beige
- › 8 screw-mount connector modules
- › 2 designation strips

LSF 1x20 A 2/1 SK

674.115.140.71



- › Low voltage - patch panel, type 622
- › Umax: 230VAC, Imax: 16A
- › 20 channels, 2-pole
- › 19", 1 RU, frontpanel beige
- › incl. 4 screw mount connector modules
- › 1 designation strip

GLS 2200-16-RJ10

673.114.143.97



- › Multiple power supply module to „Light“ Patch Panels
- › 16 RJ10 power socket, 12 VDC
- › each socket feeds max 3 „Light“ Patch Panel
(by using Y-splitter cables)
- › automatic switch off time programmable
- › ON-/OFF button
- › 19", 1 U, 110mm
- › Power supply 87 ... 230VAC
- › Output 12 VDC

GAK 200 RJ10m-RJ10m

673.910.900.10



- › Extension cable RJ10 to Light panels
- › both side RJ10 male connectors
- › 4-pole 4P4C
- › 2 m, black

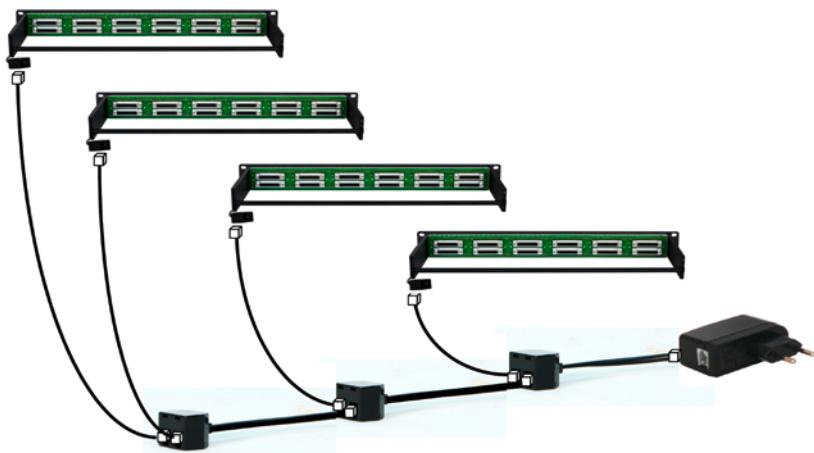
GAK 20-Y-RJ10

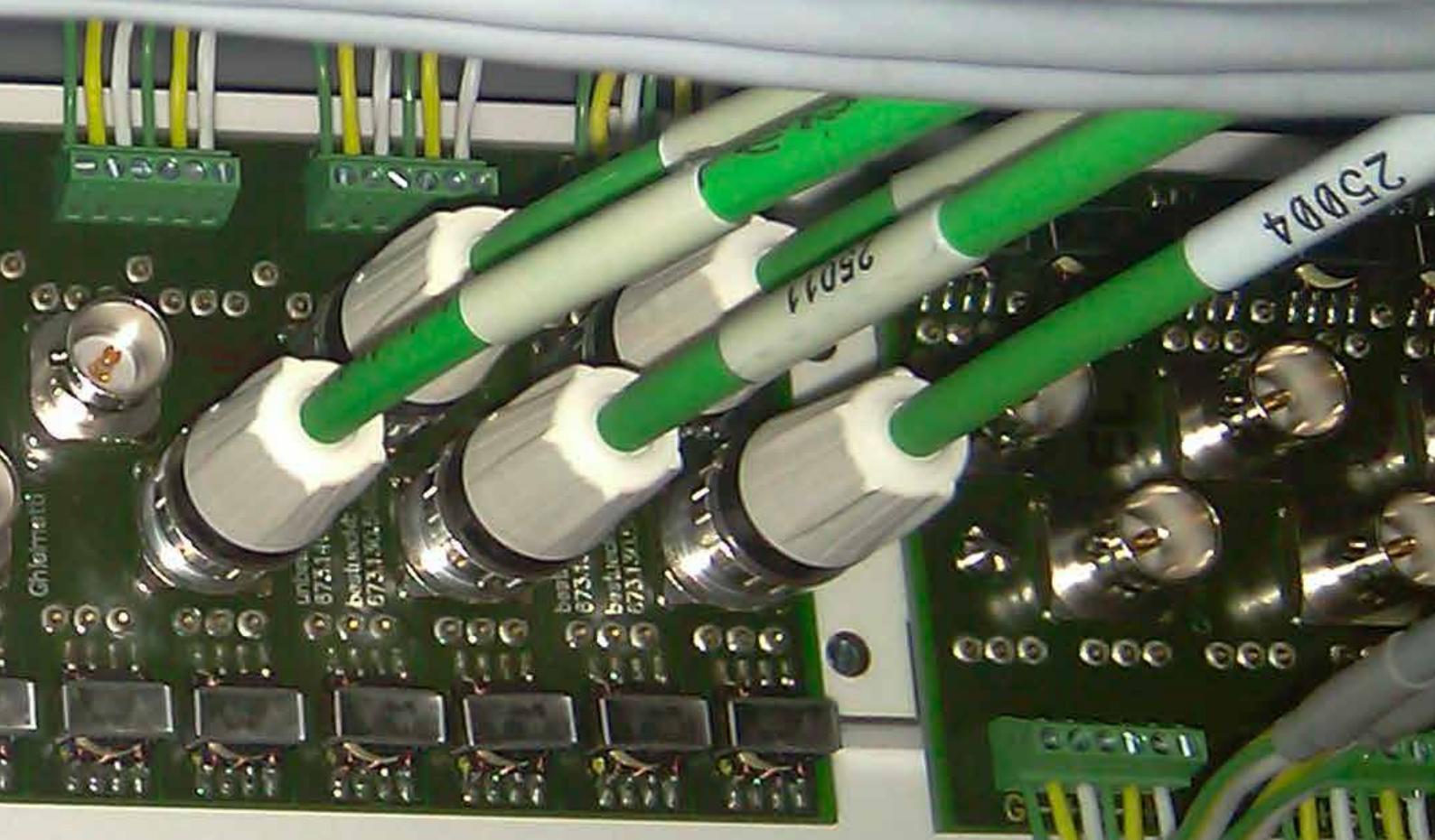
673.910.900.25



- › Y - adapter cable
- › RJ10 double plug to RJ10 connector
- › 20 cm, black

Up to 4 pcs GHIELMETTI-Backlit patch panels with only 1 single power adaptor by using Y-splitter cables.





Impedance Conversion $110\ \Omega / 75\ \Omega$
in analog/digital Audio Networks

BNC75-XLR110fm 1×2 AES

673.130.577.10



- › 2 port AES passive impedance converter:
- › 19", 1U, closed box
- › Front panel: 1 XLR male, 1 XLR female, balanced, 110 ohm
- › Rear panel: 2 BNC female connectors, 75 ohm
- › Max. attenuation 0.3 dB at 100 MHz
- › Individual input and output earths can be separated/connected via internal jumpers
- › Labelling strips on front and rear side.

BNC75-XLR110m 1×4 AES

673.130.576.45



- › 4 port AES passive impedance converter
- › 19", 1U, closed box
- › Front panel: 4 XLR male, balanced 110 ohm
- › Rear panel: 4 BNC female connectors, 75 ohm
- › Max. attenuation 0.3 dB at 100 MHz
- › Individual input and output earths can be separated/connected via internal jumpers
- › Labelling strips on front and rear side

BNC75-XLR110f 1×8 AES

673.130.576.20



- › 8 port AES passive impedance converter
- › 19", 1U, closed box,
- › Front panel: 8 XLR female, balanced, 110 ohm,
- › Rear panel: 8 BNC female connectors, 75 ohm,
- › Max. attenuation 0.3 dB at 100 MHz,
- › Individual input and output earths can be separated/connected via internal jumpers,
- › Labelling strips on front and rear side

BNC75-XLR110m 1×8 AES

673.130.576.25



- › 8 port AES passive impedance converter
- › 19", 1U, closed box,
- › Front panel: 8 XLR male, balanced, 110 ohm,
- › Rear panel: 8 BNC female connectors, 75 ohm,
- › Max. attenuation 0.3 dB at 100 MHz,
- › Individual input and output earths can be separated/connected via internal jumpers,
- › Labelling strips on front and rear side

BNC75-XLR110 6f2m 1×8 AES

673.130.576.30



- › 8 port AES passive impedance converter
- › 19", 1U, closed box,
- › Front panel: 6 XLR female + 2 XLR male, balanced 110 Ohm
- › Rear panel: 8 BNC female connectors, 75 ohm,
- › Max. attenuation 0.3 dB at 100 MHz
- › Individual input and output earths can be separated/connected via internal jumpers
- › Labelling strips on front and rear side.

BNC75-XLR110 2f6m 1×8 AES

673.130.576.35



- › 8 port AES passive impedance converter
- › 19", 1U, closed box,
- › Front panel: 2 XLR female + 6 XLR male, balanced 110 Ohm
- › Rear panel: 8 BNC female connectors, 75 ohm
- › Max. attenuation 0.3 dB at 100 MHz
- › Individual input and output earths can be separated/connected via internal jumpers
- › Labelling strips on front and rear side.

BNC75-XLR110 4f4m 1×8 AES

673.130.576.40



- › 8 port AES passive impedance converter
- › 19", 1U, closed box
- › Front panel: 4 XLR female + 4 XLR male, balanced 110 ohm
- › Rear panel: 8 BNC female connectors 75 ohm
- › Max. attenuation 0.3 dB at 100 MHz
- › Individual input and output earths can be separated/connected via internal jumpers
- › Labelling strips on front and rear side

BNC75-XLR110f 1×10 AES

673.130.576.10



- › 10 port AES passive impedance converter
- › 19", 1U, closed box,
- › Front panel: 10 XLR female, balanced, 110 ohm,
- › Rear panel: 10 BNC female connectors, 75 ohm,
- › Max. attenuation 0.3 dB at 100 MHz,
- › Individual input and output earths can be separated/connected via internal jumpers,
- › Labelling strips on front and rear panels.

BNC75-XLR110m 1×10 AES

673.130.576.15



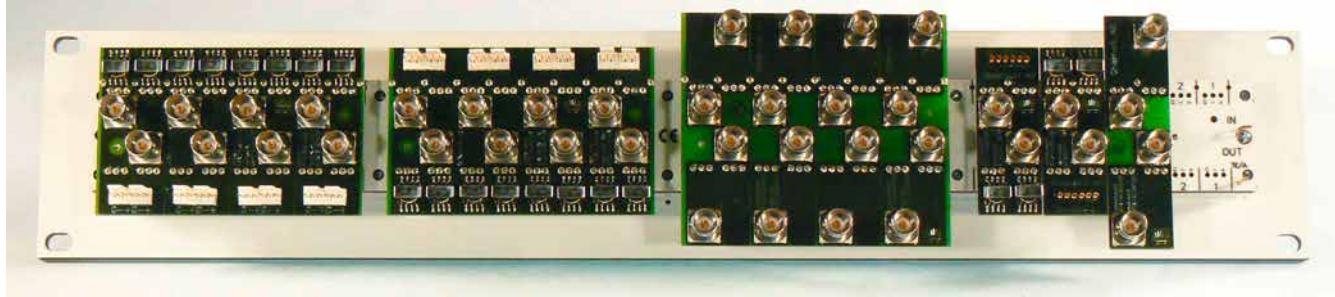
- › 10 port AES passive impedance converter
- › 19", 1U, closed box,
- › Front panel: 10 XLR male, balanced, 110 ohm,
- › Rear panel: 10 BNC female connectors, 75 ohm,
- › Max. attenuation 0.3 dB at 100 MHz,
- › Individual input and output earths can be separated/connected via internal jumpers,
- › Labelling strips on front and rear panels.

BNC75-XLR110f 1×16 AES

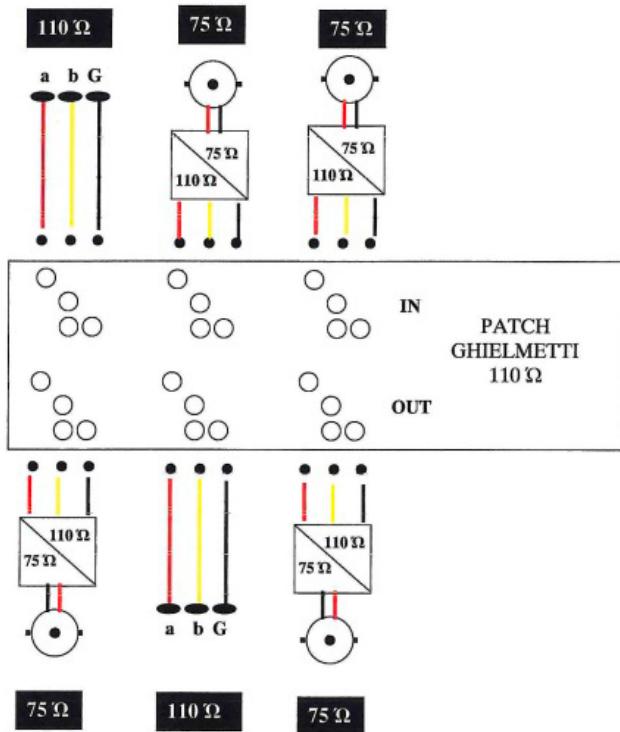
673.130.576.27



- › 16 port AES passive impedance converter
- › 19", 1U, closed box,
- › Front panel: 16 XLR female, balanced, 110 ohm,
- › Rear panel: 16 BNC female connectors, 75 ohm,
- › Max. attenuation 0.3 dB at 100 MHz,
- › Individual input and output earths can be separated/connected via internal jumpers,
- › Labelling strips on front and rear panels.



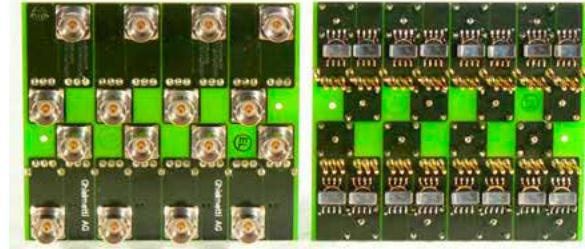
- populated with imedance converter modules, 19", 2 U



Schematic of an impedance converter patch bay

BNC75-BNC75 1×8 AV

673.130.588.00



- 8-channel Impedance converter
- 75 Ohm asymmetrical (BNC) to 110 Ohm symmetrical
- and 110 Ohm symmetrical to 75 Ohm asymmetrical (BNC)

BNC75-MX110 1×2 AV

673.130.577.00



- › 2-channel Impedance converter
- › 75 Ohm asymmetrical (BNC) to
- › 110 Ohm symmetrical (MOLEX)

BNC75-LA110 1×2 AV

673.130.577.01



- › 2-channel Impedance converter
- › 75 Ohm asymmetrical (BNC) to
- › 110 Ohm symmetrical (Solder lug)

BNC75-BNC75 1×2 AV

673.130.587.00



- › 2-channel Impedance converter
- › 75 Ohm asymmetrical (BNC) to 110 Ohm symmetrical
- › and 110 Ohm symmetrical to 75 Ohm asymmetrical (BNC)

BNC75-SK110 1×8 AV

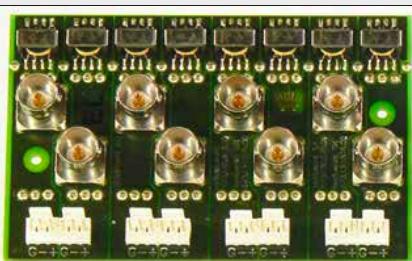
673.130.576.02



- › 8-channel Impedance converter
- › 75 Ohm asymmetrical (BNC) to
- › 110 Ohm symmetrical (screw mount)

BNC75-MX110 1×8 AV

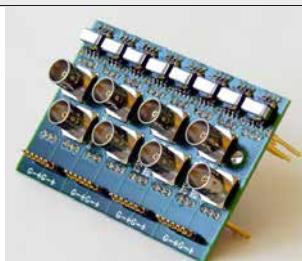
673.130.576.00



- › 8-channel Impedance converter
- › 75 Ohm asymmetrical (BNC) to
- › 110 Ohm symmetrical (MOLEX)

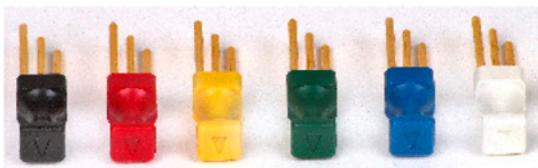
BNC75-LA110 1×8 AV

673.130.576.01



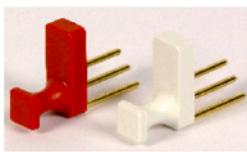
- › 8-channel Impedance converter
- › 75 Ohm asymmetrical (BNC) to
- › 110 Ohm symmetrical (Solder lug)

3-pole-normalling plugs



GVS 323 c sw	3-pole, black	673.910.079.00
GVS 323 c rt	3-pole, red	673.910.079.02
GVS 323 c gb	3-pole, yellow	673.910.079.04
GVS 323 c gn	3-pole, green	673.910.079.05
GVS 323 c bl	3-pole, blue	673.910.079.06
GVS 323 c ws	3-pole, white	673.910.079.09

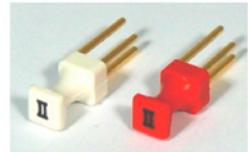
3-pole-normalling plugs with locking function



GVS 323 d rt	673.910.302.02
GVS 323 d ws	673.910.302.09

3-pole-locking plug:
avoids parallel tap of the incoming channel

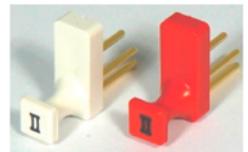
2-pole-normalling plugs



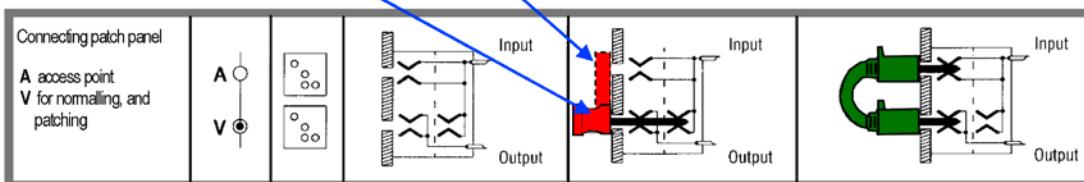
GVS 322 c ws	673.910.313.09
GVS 322 c rt	673.910.313.02

GVS 322 d ws	673.910.302.19
GVS 322 d rt	673.910.302.12

2-pole-normalling plugs with locking function



2-pole-locking plug:
avoids parallel tap of the incoming channel

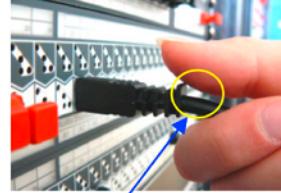


Cable connector (G3P)

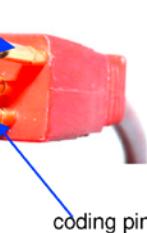
(not suitable for CSF patch panels)



GKS 313 m sw	black	673.910.201.10
GKS 313 m rt	red	673.910.201.12
GKS 313 m gb	yellow	673.910.201.14
GKS 313 m gn	green	673.910.201.15
GKS 313 m bl	blue	673.910.201.16



Indicate upright position of patch connector



coding pin



673.910.269.06 blue, 60 cm



673.910.269.02 red, 60 cm



673.910.269.05 green, 60 cm



GMK 313/30 d black, 30 cm 673.910.269.20

673.910.269.00

GMK 313/60 d black, 60 cm 673.910.269.10

GMK 313/90 d black, 90 cm 673.910.269.30

GMK 313/120 d black, 120 cm 673.910.269.40

GMK 313/180 d black, 180 cm 673.910.269.50

Patch cords with colour markings available:



MOGAMI®

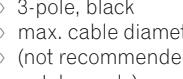
THE CABLE OF THE PROS™

GMK 313/60 d M sw, black,30 cm 673.910.281.20

GMK 313/60 d M sw, black,60 cm 673.910.281.00



Accessories Adapter Cables and Patch Cords

GVS 323 c sw	673.910.079.00	> Connecting plug, type 323, black > 3 pole, gold contacts		GVS 323 c rt	673.910.079.02	> Connecting plug, type 323, red > 3-pole, gold contacts	
GVS 323 c gb	673.910.079.04	> Connecting plug, type 323 yellow > 3-pole, gold contacts		GVS 323 c gn	673.910.079.05	> Connecting plug, type 323, green > 3-pole, gold contacts	
GVS 323 c bl	673.910.079.06	> Connecting plug, type 323, blue > 3-pole, gold contacts		GVS 323 c ws	673.910.079.09	> Connecting plug, type 323, white > 3-pole, gold contacts	
GVS 323 d sw	673.910.302.00	> Connecting plug with locking function, type 323 > 3-pole, black > gold contacts		GVS 323 d rt	673.910.302.02	> Connecting plug with locking function, type 323 > 3-pole, red > gold contacts	
GVS 323 d ws	673.910.302.09	> Connecting plug with locking function, type 323 > 3-pole, white > gold contacts		GVS 322 d rt	673.910.302.12	> Connecting plug with locking function > type 322, 2-pole, red > gold contacts	
GVS 322 d ws	673.910.302.19	> Connecting plug with locking function > type 322, 2-pole, white > gold contacts		GVS 322 c rt	673.910.313.02	> Connecting plug, type 322 > 2-pole, with coding pin, red > gold contacts	
GVS 322 c ws	673.910.313.09	> Connecting plug, type 322 > 2-pole, with coding pin, white > gold contacts		GVS 326 s sw	673.910.232.00	> 6-pole normalalling plug > 2x3 pole, black > (not for CSF patchpanels)	
GKS 313 m sw	673.910.201.10	> Patchcord plug > 3-pole, black > max. cable diameter 5,5 mm > (not recommended for CSF patchpanels)	 	GKS 313 m rt	673.910.201.12	> Patchcord plug > 3-pol, red > max. cable diameter 5,5 mm > (not recommended for CSF patchpanels)	

GKS 313 m gb

673.910.201.14



- > Patchcord plug
- > 3-pol, yellow
- > max. cable diameter 5,5 mm
- > (not recommended for CSF patch-panels)

GKS 313 m bl

673.910.201.16



- > Patchcord plug
- > 3-pol, blue
- > max. cable diameter 5,5 mm
- > (not recommended for CSF patch-panels)

GKS 314 sw

673.910.222.00



- > Cable connector, type 314
- > 4-pole, black
- > max. cable diameter 5,9 mm
- > gold contacts

GAS 323 LA C

673.910.311.01



- > Solder lug connector
- > to patch panels and matrix boards
- > 3-pole - gold contacts
- > with cord grip

GVS 322 rt

673.910.002.22



- > Connecting plug, type 322
- > 2-pole, diagonal, red
- > gold plated

GVS 322 gn

673.910.002.25



- > Connecting plug, type 322
- > 2-pole, diagonal, green
- > gold plated

GVS 322 ws

673.910.002.29



- > Connecting plug, type 322
- > 2-pole, diagonal, white
- > gold plated

GVS 324 rt

673.910.002.42



- > Connecting plug, type 324
- > 4-pole, diagonal, red
- > gold plated

GKS 313 m gn

673.910.201.15



- > Patchcord plug
- > 3-pol, green
- > max. cable diameter 5,5 mm
- > (not recommended for CSF patch-panels)

GKS 316 sw

673.910.231.00



- > Cable connector, type 316
- > 6-pole, 2x3-pole, black
- > max. cable diameter 5,9 mm
- > gold contacts
- > (not recommended for CSF patch-panels)

GKS 318 sw

673.910.254.00



- > Cable connector, type 318
- > 8-pole, 2x4-pol, black
- > max. cable diameter 5,9 mm
- > gold contacts

GVS 322 sw

673.910.002.20



- > Connecting plug, type 322
- > 2-pole, diagonal, black
- > gold plated

GVS 322 gb

673.910.002.24



- > Connecting plug, type 322
- > 2-pole, diagonal, yellow
- > gold plated

GVS 322 bl

673.910.002.26



- > Connecting plug, type 322
- > 2-pole, diagonal, blue
- > gold plated

GVS 324 sw

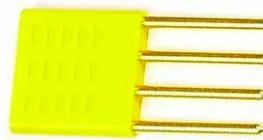
673.910.002.40



- > Connecting plug, type 324
- > 4-pole, diagonal, black
- > gold plated

GVS 324 gb

673.910.002.44



- > Connecting plug, type 324
- > 4-pole, diagonal, yellow
- > gold plated

GVS 324 gn

673.910.002.45



- > Connecting plug, type 324
- > 4-pole, diagonal, green
- > gold plated

GVS 324 ws

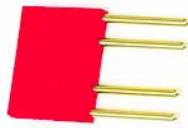
673.910.002.49



- > Connecting plug, type 324
- > 4-pole, diagonal, white
- > gold plated

GVS 324 D rt

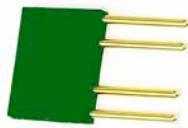
673.910.120.02



- > Connecting plug, type 324
- > 4-pole, 2x2 diagonal red
- > gold plated

GVS 324 D gn

673.910.120.05



- > Connecting plug, type 324
- > 4-pole, 2x2 diagonal green
- > gold plated

GVS 324 D ws

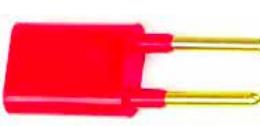
673.910.120.09



- > Connecting plug, type 324
- > 4-pole, 2x2 diagonal white
- > gold plated

GVS 622 rt

674.910.136.02



- > Connecting plug, 2-pole, type 622
- > 230 VAC/16 A, red
- > Gold collateral contacts
- > handle with protection against contact

GMK 313 / 30 d M sw

673.910.281.20



- > Audio patchcord Mogami
- > AES/EBU 110 Ohm, 2 wire, shielded
- > Gold contacts
- > 30cm, black

GMK 313 / 30 d sw

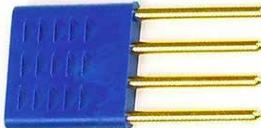
673.910.269.20



- > Audio patchcord
- > AES/EBU 110 Ohm, 2 wire, shielded
- > 30cm, black

GVS 324 bl

673.910.002.46



- > Connecting plug, type 324
- > 4-pole, diagonal, blue
- > gold plated

GVS 324 D sw

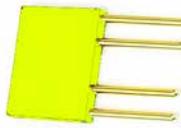
673.910.120.00



- > Connecting plug, type 324
- > 4-pole, 2x2 diagonal, black
- > gold plated

GVS 324 D gb

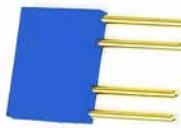
673.910.120.04



- > Connecting plug, type 324
- > 4-pole, 2x2 diagonal yellow
- > gold plated

GVS 324 D bl

673.910.120.06



- > Connecting plug, type 324
- > 4-pole, 2x2 diagonal blue
- > gold plated

GVS 622 sw

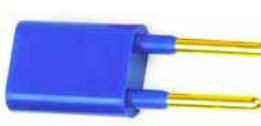
674.910.136.00



- > Connecting plug, 2-pole, type 622
- > 230 VAC/16 A, black
- > Gold collateral contacts
- > handle with protection against contact

GVS 622 bl

674.910.136.06



- > Connecting plug, 2-pole, type 622
- > 230 VAC/16 A, blue
- > Gold collateral contacts
- > handle with protection against contact

GMK 313 / 60 d M sw

673.910.281.00



- > Audio patchcord Mogami
- > AES/EBU 110 Ohm, 2 wire, shielded
- > Gold contacts
- > 60cm, black

GMK 313 / 30 d rt

673.910.269.22



- > Audio patchcord
- > AES/EBU 110 Ohm, 2 wire, shielded
- > 30cm, with red markings

GMK 313 / 30 d vt

673.910.269.23



- > Audio patchcord
- > AES/EBU 110 Ohm, 2 wire, shielded
- > 30cm, with purple markings

GMK 313 / 30 d gb

673.910.269.24



- > Audio patchcord
- > AES/EBU 110 Ohm, 2 wire, shielded
- > 30cm, with yellow markings

GMK 313 / 30 d gn

673.910.269.25



- > Audio patchcord
- > AES/EBU 110 Ohm, 2 wire, shielded
- > 30cm, with green markings

GMK 313 / 30 d bl

673.910.269.26



- > Audio patchcord
- > AES/EBU 110 Ohm, 2 wire, shielded
- > 30cm, with blue markings

GMK 313 / 60 d sw

673.910.269.00



- > Audio patchcord
- > AES/EBU 110 Ohm, 2 wire, shielded
- > 60cm, black

GMK 313 / 60 d rt

673.910.269.02



- > Audio patchcord
- > AES/EBU 110 Ohm, 2 wire, shielded
- > 60cm, red

GMK 313 / 60 d gn

673.910.269.05



- > Audio patchcord
- > AES/EBU 110 Ohm, 2 wire, shielded
- > 60cm, green

GMK 313 / 60 d bl

673.910.269.06



- > Audio patchcord
- > AES/EBU 110 Ohm, 2 wire, shielded
- > 60cm, blue

GMK 313 / 60 d vt

673.910.269.03



- > Audio patchcord
- > AES/EBU 110 Ohm, 2 wire, shielded
- > 60cm, purple markings

GMK 313 / 60 d gb

673.910.269.04



- > Audio patchcord
- > AES/EBU 110 Ohm, 2 wire, shielded
- > 60cm, yellow markings

GMK 313 / 90 d sw

673.910.269.10



- > Audio patchcord
- > AES/EBU 110 Ohm, 2 wire, shielded
- > 90cm, black

GMK 313 / 90 d rt

673.910.269.12



- > Audio patchcord
- > AES/EBU 110 Ohm, 2 wire, shielded
- > 90cm, red

GMK 313 / 90 d vt

673.910.269.13



- > Audio patchcord
- > AES/EBU 110 Ohm, 2 wire, shielded
- > 90cm, violet

GMK 313 / 90 d gb

673.910.269.14



- > Audio patchcord
- > AES/EBU 110 Ohm, 2 wire, shielded
- > 90cm, yellow

GMK 313 / 90 d gn

673.910.269.15



- > Audio patchcord
- > AES/EBU 110 Ohm, 2 wire, shielded
- > 90cm, green

GMK 313 / 90 d bl

673.910.269.16



- > Audio patchcord
- > AES/EBU 110 Ohm, 2 wire, shielded
- > 90cm, blue

GMK 313 / 120 d sw

673.910.269.30

- > Audio patchcord
- > AES/EBU 110 Ohm, 2 wire, shielded
- > 120cm, black

GMK 313 / 120 d vt

673.910.269.33

- > Audio patchcord
- > AES/EBU 110 Ohm, 2 wire, shielded
- > 120cm, with purple markings

GMK 313 / 120 d gn

673.910.269.35

- > Audio patchcord
- > AES/EBU 110 Ohm, 2 wire, shielded
- > 120cm, with green markings

GMK 313 / 180 d sw

673.910.269.40

- > Audio patchcord
- > AES/EBU 110 Ohm, 2 wire, shielded
- > 180cm, black

GMK 313 / 180 d vt

673.910.269.43

- > Audio patchcord
- > AES/EBU 110 Ohm, 2 wire, shielded
- > 180cm, with purple markings

GMK 313 / 180 d gn

673.910.269.45

- > Audio patchcord
- > AES/EBU 110 Ohm, 2 wire, shielded
- > 180cm, with green markings

GMK 313 / 250 d sw

673.910.269.50

- > Audio patchcord
- > AES/EBU 110 Ohm
- > 2 wire, shielded
- > 250cm, black

GMK 313 / 250 d vt

673.910.269.53

- > Audio patchcord
- > AES/EBU 110 Ohm, 2 wire, shielded
- > 250cm, with purple markings

GMK 313 / 120 d rt

673.910.269.32

- > Audio patchcord
- > AES/EBU 110 Ohm, 2 wire, shielded
- > 120cm, with red markings

GMK 313 / 120 d gb

673.910.269.34

- > Audio patchcord
- > AES/EBU 110 Ohm, 2 wire, shielded
- > 120cm, with yellow markings

GMK 313 / 120 d bl

673.910.269.36

- > Audio patchcord
- > AES/EBU 110 Ohm, 2 wire, shielded
- > 120cm, with blue markings

GMK 313 / 180 d rt

673.910.269.42

- > Audio patchcord
- > AES/EBU 110 Ohm, 2 wire, shielded
- > 180cm, with red markings

GMK 313 / 180 d gb

673.910.269.44

- > Audio patchcord
- > AES/EBU 110 Ohm, 2 wire, shielded
- > 180cm, with yellow markings

GMK 313 / 180 d bl

673.910.269.46

- > Audio patchcord
- > AES/EBU 110 Ohm, 2 wire, shielded
- > 180cm, with blue markings

GMK 313 / 250 d rt

673.910.269.52

- > Audio patchcord
- > AES/EBU 110 Ohm, 2 wire, shielded
- > 250cm, with red markings

GMK 313 / 250 d gb

673.910.269.54

- > Audio patchcord
- > AES/EBU 110 Ohm, 2 wire, shielded
- > 250cm, with yellow markings

GMK 313 / 250 d gn

673.910.269.55



- > Audio patchcord
- > AES/EBU 110 Ohm, 2 wire, shielded
- > 250cm, with green markings

GMK 313 / 250 d bl

673.910.269.56



- > Audio patchcord
- > AES/EBU 110 Ohm, 2 wire, shielded
- > 250cm, with blue markings

GSK 316 / 60 sw

673.910.228.00



- > Patchcord 6-pole
- > shielded
- > 60 cm black

GSK 316 / 90 sw

673.910.228.10



- > Patchcord 6-pole
- > shielded
- > 90 cm, black

GXKS 313 / 60 d sw f Mogami

673.910.271.30



- > XLR adapter cable, Mogami
- > XLR female to GKS 313 m sw
- > AES/EBU 110 Ohm
- > 2 wire, shielded
- > 60cm, black

GXKS 313 / 60 d sw m Mogami

673.910.271.40



- > XLR adapter cable, Mogami
- > XLR male to GKS 313 m sw
- > AES/EBU 110 Ohm
- > 2 wire, shielded
- > 60cm, black

GXK 100 GAS f VoVox

673.910.308.60



- > Adapter cable VoVox
- > XLR female to GAS 323 LA c
- > Length 100 cm

GXK 100 GAS m VoVox

673.910.309.16



- > Adapter cable VoVox
- > GAS 323 LA c to XLR male
- > Length 100 cm

GXK 313 / 120 m

673.910.300.00



- > 3-pole adapter cable
- > XLR male to Ghielmetti G3P male
- > shielded twisted pair, 110 Ohm
- > 120 cm

GXK 313 / 90 m

673.910.300.01



- > 3-pole adapter cable
- > XLR male to Ghielmetti G3P male
- > shielded twisted pair, 110 Ohm
- > 90 cm

GXK 313 / 60 m sw

673.910.300.02



- > 3-pole adapter cable
- > XLR male to Ghielmetti G3P male
- > shielded twisted pair, 110 Ohm
- > 60 cm

GXK 313 / 180 m

673.910.300.03



- > 3-pole adapter cable
- > XLR male to Ghielmetti G3P male
- > shielded twisted pair, 110 Ohm
- > 180 cm

GXK 313 / 250 m

673.910.300.04



- > 3-pole adapter cable
- > XLR male to Ghielmetti G3P male
- > shielded twisted pair, 110 Ohm
- > 250 cm

GXK 313 / 30 m

673.910.300.05



- > 3-pole adapter cable
- > XLR male to Ghielmetti G3P male
- > shielded twisted pair, 110 Ohm
- > 30 cm

GXK 313 / 120 f

673.910.301.00



- > 3-pole adapter cable
- > XLR female to Ghielmetti G3P male
- > shielded twisted pair, 110 Ohm
- > 120 cm

GXK 313 / 90 f sw

673.910.301.01



- > 3-pole adapter cable
- > XLR female to Ghielmetti G3P male
- > shielded twisted pair, 110 Ohm
- > 90 cm

GXK 313 / 60 f sw

673.910.301.02



- > 3-pole adapter cable
- > XLR female to Ghielmetti G3P male
- > shielded twisted pair, 110 Ohm
- > 60 cm, black

GXK 313 / 250 f

673.910.301.04



- > 3-pole adapter cable
- > XLR female to Ghielmetti G3P male
- > shielded twisted pair, 110 Ohm
- > 250 cm

GXK 313 / 60 f bl

673.910.301.06



- > 3-pole adapter cable
- > XLR female to Ghielmetti G3P male
- > shielded twisted pair, 110 Ohm
- > 60 cm, blue

GXK 313 / 60 f rt

673.910.301.08



- > 3-pole adapter cable
- > XLR female to Ghielmetti G3P male
- > shielded twisted pair, 110 Ohm
- > 60 cm, red

GXK 60 fm sw

673.910.316.00



- > Adapter cable XLR m to XLR f
- > 3-pole, shielded twisted pair, 110 Ohm
- > 60 cm

GMK 622 / 60 sw

674.910.149.00



- > Patch Cord Type 622,
- > 2-pole, transparent, 60 cm

GAK 20-Y-RJ10

673.910.900.25



- > Y - adapter cable
- > RJ10 double plug to RJ10 connector
- > 20 cm, black

GXK 313 / 180 f

673.910.301.03



- > 3-pole adapter cable
- > XLR female to Ghielmetti G3P male
- > shielded twisted pair, 110 Ohm
- > 180 cm

GXK 313 / 30 f

673.910.301.05



- > 3-pole adapter cable
- > XLR female to Ghielmetti G3P male
- > shielded twisted pair, 110 Ohm
- > 30 cm

GXK 313 / 500 f

673.910.301.07



- > 3-pole adapter cable
- > XLR female to Ghielmetti GKS 313 m
- > shielded twisted pair, 110 Ohm
- > length: 500 cm

GXK 313 / 10.0 f

673.910.301.10



- > 3-pole adapter cable
- > XLR female to Ghielmetti G3P male
- > shielded twisted pair, 110 Ohm
- > 10 m

GXK 90 fm sw

673.910.316.10



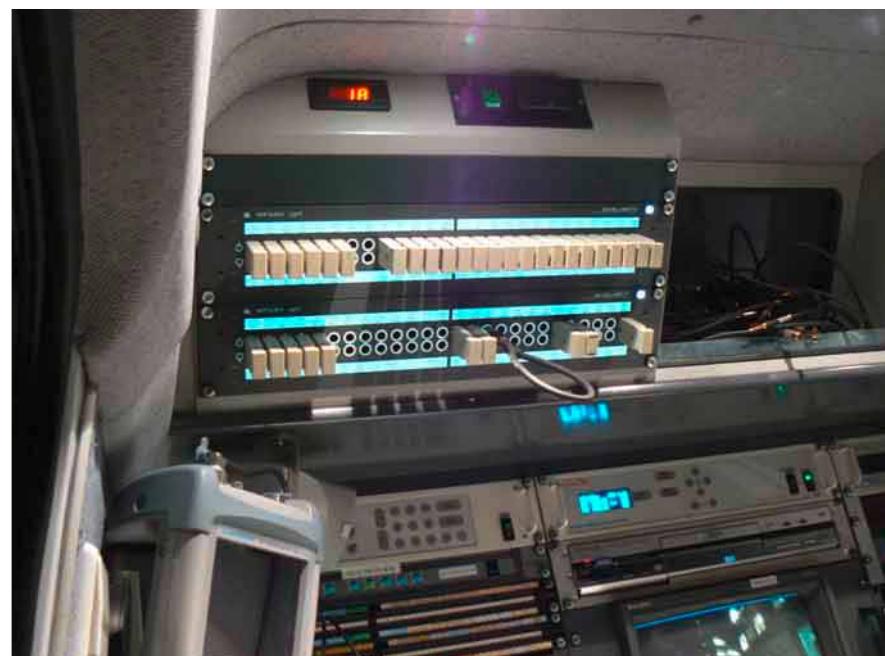
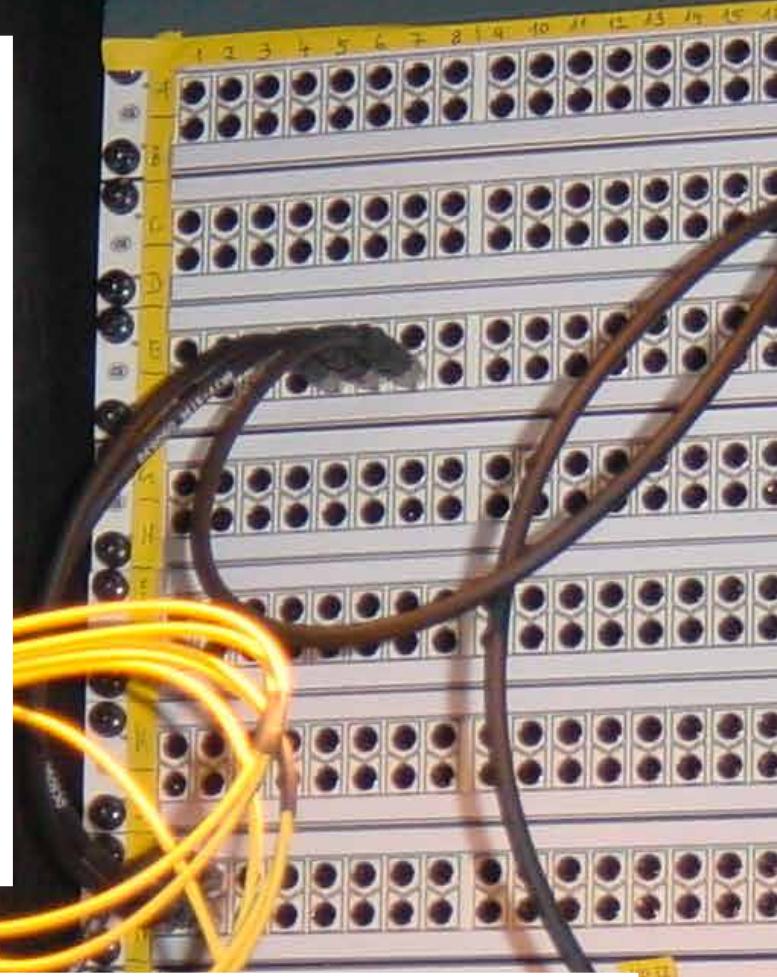
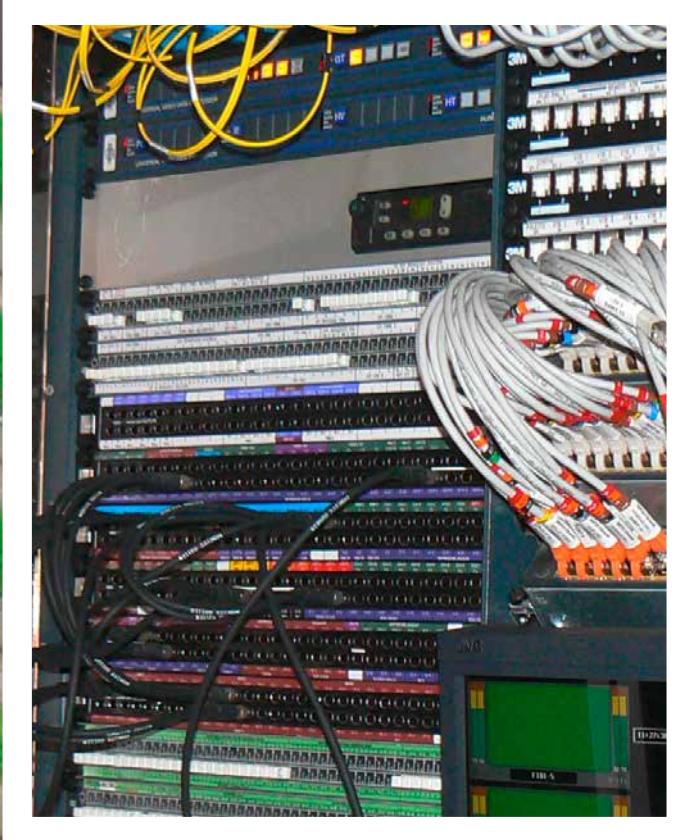
- > Adapter cable XLR m to XLR f
- > 3-pole, shielded twisted pair, 110 Ohm
- > 90 cm

GAK 200 RJ10m-RJ10m

673.910.900.10



- > Extension cable RJ10 to Light panels
- > both side RJ10 male connectors
- > 4-pole 4P4C
- > 2 m, black



HD3G/SDI routing and distribution

GVP 2×24 A 1/1 MDVJ-STS an

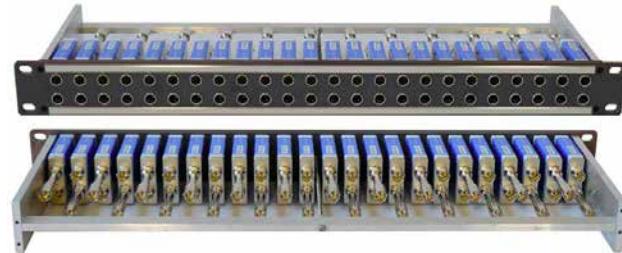
677.110.030.41



- › Video Patch Panel, 3 GHz
- › 24 Midsize Video Jacks MDVJ-STS, Canare
- › self terminating BNC 75 Ohm
- › 19", 1 RU, front panel anthracite without print
- › 2 designation strips
- › 1 cable bar

GVP 1×24 AV 1/1 MDVJ-STW an

677.110.030.51



- › Video Patch Panel, 3 GHz
- › 24 Midsize Video Jacks MDVJ-STW, Canare
- › self normalising, self terminating 75 Ohm
- › 19", 1 RU, front panel anthracite without print
- › 2 designation strips
- › 1 cable bar

GVP 1×20 AV 1/1 M N75AD an

677.110.085.01



- › Video Patch Panel, 3 GHz Midsize, self normalalling
- › 1×20 Midsize Video Jacks ADC
- › self terminating to 75 Ohm
- › 19", 1 RU, front panel anthracite, print black
- › 2 designation strips
- › 1 cable bar

GVP 1×32 AV 1/1 MDVJ-STW ws

677.110.030.70



- › Video Patch Panel 3 GHz
- › 32 Midsize Video Jacks MDVJ-STW, Canare
- › self normalising, self terminating 75 Ohm
- › 19", 1 RU, front panel white without print
- › 2 designation strips
- › 1 cable bar

GVP 1×32 AV 1/1 MDVJ-STW an

677.110.030.71



- › Video Patch Panel 3 GHz
- › 32 Midsize Video Jacks MDVJ-STW, Canare
- › self normalalling, self terminating 75 Ohm
- › 19", 1 RU, front panel anthracite without print
- › 2 designation strips
- › 1 cable bar

GVP 1×32 AV 1/1 M N75AD ws

677.110.033.00



- › Video Patch Panel, 3 GHz Midsize, self normalalling
- › 1×32 Midsize Video Jacks ADC, BNC 75 Ohm
- › self terminating to 75 Ohm
- › 19", 1 RU, frontpanel white, print black
- › 2 designation strips
- › 1 cable bar

GVP 2×32 A 1/1 M T75AD ws

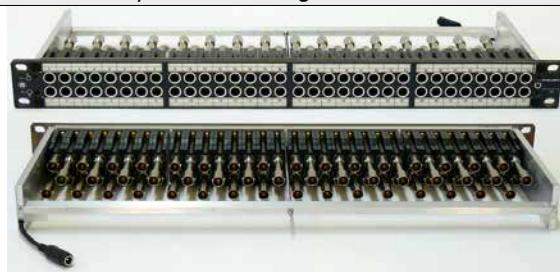
677.110.032.00



- › Video Patch Panel, Midsize 3 GHz, terminated
- › 64 Midsize Video Jacks (2×32) ADC, BNC 75 Ohm
- › self terminating to 75 Ohm
- › 19", 1 RU, white, print black
- › 2 designation strips
- › 1 cable bar

GVP 2×32 A 1/1 M T75AD Light

677.110.109.00



- › Video Patch Panel, Midsize, 3 GHz, Light
- › 2×32 Midsize Video Jacks ADC, BNC 75 Ohm
- › self terminating to 75 Ohm, BNC 75 Ohm
- › 19", 1 RU, front panel anthracite, back lighted
- › 4 designation strips on transparent foil, retractable
- › 1 cable bar
- › for 12 VDC power supply
- › 1 cable for connection to GLS unit

GVP 2×32 A 1/1 M T75AD Light p

677.110.110.00



- › Video Patch Panel, Midsize, 3 GHz, Light
- › 2×32 Midsize Video Jacks ADC, self terminating 75 Ohm, BNC 75 Ohm
- › 19", 1 RU, front panel anthracite, back lighted
- › 4 designation strips on transparent foil, retractable
- › 1 cable bar
- › 1 230VAC/12VDC power supply adapter

GVP 1×32 AV 1/1 M N75AD Light

677.110.107.00



- › Video Patch Panel, Midsize, 3 GHz, Light
- › 1×32 Midsize Video Jacks ADC, BNC 75 Ohm
- › self normalling and self terminating to 75 Ohm
- › 19", 1 RU, front panel anthracite, backlit
- › 4 designation strips on transparent foil, retractable
- › 1 cable bar
- › for 12 VDC power supply
- › 1 connecting cable to GLS power supply module

GVP 1×32 AV 1/1 M N75AD Light p

677.110.108.00



- › Video Patch Panel, Midsize, 3 GHz, Light
- › 1×32 Midsize Video Jacks, ADC, BNC 75 Ohm
- › self normalling, self terminating 75 Ohm
- › 19", 1 RU, front panel anthracite, backlit
- › 2 designation strips
- › 1 cable bar
- › 1 Power supply adapter 230 VAC/12 VDC

GLS 2200-16-RJ10

673.114.143.97



- › Multiple power supply module to „Light“ Patch Panels
- › 16 RJ10 power socket, 12 VDC
- › each socket feeds max 3 „Light“ Patch Panel
- › (by using Y- splitter cables)
- › automatic switch off time programmable
- › ON-/OFF button
- › 19", 1 U, 110mm
- › Power supply 87 ... 230VAC
- › Output 12 VDC

GVP 1×16 A 1/1 BNC50 an

677.110.070.11



- › BNC Patch Panel
- › 1 x 16 double-sided BNC 50 Ohm connectors
- › 19", 1 RU, anthracite, print white
- › 1 designation strips
- › 1 cable bar

GVP 1×16 A 1/1 BNC50 ws

677.110.070.19



- › BNC Patch Panel
- › 1 x 16 double-sided BNC 50 Ohm connectors
- › 19", 1 RU, white print black
- › 1 designation strips
- › 1 cable bar

GVP 1×16 A 1/1 BNC75 ws

677.110.070.09



- › BNC Patch Panel
- › 1 x 16 double-sided BNC 75 Ohm connectors
- › 19", 1 RU, white print black
- › 1 designation strips
- › 1 cable bar

GVP 2×16 A 1/2 BNC75 ws

677.110.073.09



- › BNC Patch Panel
- › 2 x 16 double-sided BNC 75 Ohm connectors
- › 19", 2 RU, front panel white, print blue
- › 2 designation strips
- › 1 cable bar

GVK 30 MA sw

140.950.500.65



- › Video Patch Cord
- › Midsize, ADC 3 GHz
- › 30 cm, black

GVK 60 MA sw

140.950.500.66



- › Video Patch Cord
- › Midsize, ADC 3 GHz
- › 60 cm, black

GVK 90 MA sw

140.950.500.67



- › Video Patch Cord
- › Midsize, ADC 3 GHz
- › 90 cm, black

GVK 30 MCa sw

140.950.503.25



- › Video Patch Cord
- › Midsize Canare, 3 GHz
- › 30 cm, black

GVK 50 MCa sw

140.950.503.26



- › Video Patch Cord
- › Midsize Canare, 3 GHz
- › 50 cm, black

GVK 100 MCa sw

140.950.503.27



- › Video Patch Cord
- › Midsize Canare, 3 GHz
- › 100 cm, black

GVK 30 BNC75 sw

140.950.500.97



- › BNC Patch Cord
- › 75 Ohm BNC, 30 cm, black

GVK 60 BNC75 sw

140.950.500.98



- › BNC Patch Cord
- › 75 Ohm BNC, 60 cm, black

GVK 90 BNC75 sw

140.950.500.99



- › BNC Patch Cord
- › 75 Ohm BNC, 90 cm, black

GVK 60 BNC75 PP sw

140.950.503.08



- › BNC Patch Cord, Push Pull
- › 75 Ohm BNC, 60 cm, black

GVK 60 BNC75 PP sw

140.950.503.10



- › BNC Patch Cord, Push Pull
- › 75 Ohm BNC, 100 cm, black

GVK 60 BNC75 PP sw

140.950.503.11



- › BNC Patch Cord, Push Pull
- › 75 Ohm BNC, 250 cm, black

GVA-BNC-M

677.910.003.01



- › BNC-Video Adapter
- › Midsize
- › 75 Ohm

GUL M AD Ni

140.950.500.63



- › MUSA U-Link, Midsize, ADC

Allgemeine Geschäftsbedingungen (AGB) (Ausgabe 2004)

Der Besteller anerkennt als Grundlage für vorliegende Lieferung(en) sowie für den weiteren Geschäftsverkehr mit Ghielmetti ausdrücklich die nachstehenden Verkaufs- und Garantiebedingungen. Deren Abänderung für künftige Lieferungen bleibt jedoch vorbehalten.

Anderungen und Nebenabreden haben nur Gültigkeit, wenn sie von uns im Einzelfall schriftlich bestätigt worden sind. Unseren Verkaufs- und Garantiebedingungen widersprechende Einkaufskonditionen anerkennen wir nicht.

1. Umfang und Ausführung der Lieferung

Für den Umfang und die Ausführung der Lieferung ist unsere Auftragsbestätigung massgebend. Leistungen, die darin nicht zugesagt worden sind, werden besonders berechnet. Der Besteller hat uns auf alle gesetzlichen, behördlichen und anwendungsspezifischen Vorschriften aufmerksam zu machen, die bei der Erfüllung des Auftrages zu beachten sind.

2. Preise

Unsere Preise verstehen sich in Schweizer Franken bzw. EURO für Lieferung ab Werk, unverpackt (ohne MWST).

3. Zahlungsbedingungen

Unsere Rechnungen sind inner 30 Tagen nach Ausstellung zahlbar, ohne jeden Abzug, rein netto, unter Ausschluss jeglicher Verrechnung mit behaupteten Gegenansprüchen des Bestellers. Zahlungsort ist unser Domizil in Biberist.

Der Mindestrechnungsbetrag beträgt Fr. 100.-.

Bei Nichteinhaltung unserer Zahlungsbedingungen berechnen wir außer den Mahnkosten Verzugszinsen vom Tage des Verfalls hinweg, bis zum Eingang des Rechnungsbetrages zu einem Zinssatz, der 2% über dem jeweiligen Zinssatz für Blankokredite der Grossbanken auf dem Platze Solothurn liegt.

4. Lieferfrist

Die vereinbarte Lieferfrist beginnt mit dem Eingang sämtlicher zur Ausführung der Bestellung notwendigen Angaben und Unterlagen, und endet mit der Versandbereitschaft der Ware.

Die Lieferfrist verlängert sich angemessen, wenn unvorhersehbare Ereignisse eintreten, wie Fälle höherer Gewalt, Handelsperren, durch Regierungen oder Behörden verursachte Schwierigkeiten, Betriebszwischenfälle wie Feuer, Überschwemmung, Unglücksfälle, Streiks und Schäden an Fabrikseinrichtungen, Verzögerungen beim Transport, Schwierigkeiten bei der Beschaffung von Personal und Material oder irgendwelche andere Ursachen, die außerhalb des Einflussbereichs unserer Firma liegen.

In jedem Falle hat der Besteller bei Überschreitung der Lieferfrist kein Recht auf irgendwelchen Schadenersatz oder Annulierung des Auftrages.

5. Übergang von Nutzen und Gefahr

Der Besteller trägt Nutzen und Gefahr der Ware ab Fabrik oder sonstigem Versandort.

Die MWST und die Kosten für Transportverpackung, Zoll, Fracht und Versicherung gehen zu Lasten des Bestellers. Allfällige Beanstandungen wegen Transportschäden und Verspätungen usw. hat er rechtzeitig und vorschlagsgemäß der zuständigen Transportunternehmung und – gegebenenfalls – dem Versicherer anzugeben.

6. Abnahme/Prüfung

Der Besteller hat die Lieferung inner 14 Tagen nach Ankunft am Bestellort ordnungsgemäss zu prüfen und uns alfällig Mängel unverzüglich schriftlich anzugeben. Erfolgt inner dieser Frist keine Anzeige, so gilt die Lieferung als angenommen und genehmigt.

7. Garantie und Haftung

Wir übernehmen für die Dauer von 12 Monaten die allgemeine Garantie für das einwandfreie Funktionieren unserer Produkte in dem Umfange, dass wir alle Teile, welche nachweisbar infolge von Fabrikations- oder Materialfehlern schadhaft oder unbrauchbar sind oder werden raschmöglichst nach unserer Wahl ausbessern oder ersetzen. Wir tragen dabei diejenigen Kosten, die durch Reparatur oder Ersatz schadhafter Teile in unseren Werkstätten entstehen. Demontage-, Montage-, Transport- und Versicherungskosten für die Rücksendungen der schadhaften oder unbrauchbaren Teile an uns bzw. von uns zum Besteller, werden vom Besteller getragen. Können schadhafte oder unbrauchbare Teile aus Gründen, die wir nicht zu vertreten haben, nicht in unseren Werkstätten repariert oder ersetzt werden, so gehen alle hieraus entstehenden Mehrkosten zu Lasten des Bestellers.

Die Garantie wird hinfällig, wenn der Besteller ohne unsere schriftliche Zustimmung Änderungen oder Reparaturen an den gelieferten Produkten vornimmt. Die Nichtbeachtung unserer Produkt- und Anwendungsspezifikationen sowie fehlerhafte, unvorsichtige oder unfachmännische Behandlung der Geräte schliesst unsere Garantie aus.

Die Garantie beginnt am Tage der Versandbereitschaft. Macht der Besteller bis zum Ablauf der Garantiefrist nicht schriftlich bestimmte Ansprüche aus dem Garantieversprechen geltend, so sind wir unserer diesbezüglichen volumänglichen Verpflichtungen entbunden.

Alle übrigen, über obige Garantieverpflichtungen hinausgehenden Ansprüche des Bestellers, wie insbesondere Wandlung oder Minde rung sowie Schadenersatz für entgangenen Gewinn, Betriebsverlust, Unfälle, Folgeschäden jeglicher Art, etc., sind ausdrücklich wegbedungen. Falls derartige Ansprüche direkt von einem Dritten uns gegenüber geltend gemacht werden sollten, hat uns der Besteller diesbezüglich volumänglich schadlos zu halten.

8. Technische Unterlagen

Unsre sämtlichen technischen Unterlagen, Pläne, Abbildungen, Drucksachen, Betriebsanleitungen und ähnliche Unterlagen sind unser geistiges Eigentum; deren Abänderung bleibt vorbehalten, soweit uns dies notwendig erscheint. Sie sind vertraulich zu behandeln und dürfen ohne unsere Zustimmung nicht an Dritte aus gehändigt werden.

Sämtliche Unterlagen zu Angeboten, die nicht zu einer Bestellung führen, sind zu retournieren.

9. Erfüllungsort/Gerichtsstand /Anwendbares Recht

Erfüllungsort für sämtliche Verpflichtungen und Gerichtsstand zur Beurteilung allfälliger Streitigkeiten ist Solothurn. Falls schweizerische Urteile im Ausland nicht vollstreckbar sind, gilt ein von uns zu bestimmender anderer Gerichtsstand. Sofern den speziellen oder obenstehenden allgemeinen Verkaufs- und Garantiebedingungen keine oder keine abweichenden Bestimmungen entnommen werden können, kommt das schweizerische Recht zur Anwendung.

Conditions générales de vente et garantie (CVG) (Edition 2004)

L'acheteur accepte les conditions générales de vente et garantie établies ci-après pour la (les) présente(s) livraison(s) ainsi que pour des livraisons futures par Ghielmetti. Nous nous réservons cependant le droit de modifier ces conditions pour des livraisons futures. Toute modification ou clause accessoire ne sera valable qu'après notre confirmation par écrit, et ceci pour chaque cas individuel. Toute condition d'achat contradictoire à nos conditions de vente et garantie ne saurait être reconnue par nous. La version allemande de ces conditions générales de vente et garantie est considérée comme texte original, et lui sera fait foi.

1. Objet de la livraison

Pour ce qui est de l'objet et de l'exécution de la livraison, notre confirmation de commande fait foi. Toutes les prestations n'y étant pas mentionnées seront facturées séparément. L'acheteur doit nous informer de toutes les lois, réglementations ou autres directives à prendre en considération lors de l'exécution de la commande.

2. Prix

Nos prix s'entendent en Francs suisses resp. EURO, départ usine, emballage non compris (sans TVA).

3. Conditions de paiement

Nos factures sont payables dans les 30 jours à compter de la date de leur établissement, net, sans aucun escompte, toute réduction à titre de revendications présumées étant exclue. Le lieu de paiement est à notre domicile à Biberist. Le montant minimum de la facture est de sFr. 100.-. En cas de retard de paiement, la facture sera majorée des frais d'avertissement et d'intérêts accumulés à compter de la date d'échéance jusqu'à la date de réception du règlement. Le taux applicable est de 2% en amont du taux de décount pratiqué par les banques principales de Soleure.

4. Délai de livraison

Le délai de livraison convenu commence avec la réception de toutes les données nécessaires relatives à la commande et prend fin avec la disponibilité de la marchandise pour expédition.

Le délai de livraison sera prolongé en cas d'événements imprévisibles, tels que force majeure, embargos, réglementations ou restrictions gouvernementales, incidents dans l'entreprise, y compris incendie, inondations, accidents, grèves et dommages subis par les moyens de production, retards dans le transport, difficultés de recrutement du personnel ou d'obtention de matériel ou toute autre cause auquelle la société ne puisse remédier.

Le dépassement du délai de livraison ne donne droit ni à des dommages-intérêts ni à l'annulation de la commande.

5. Transfère des risques et avantages

Les risques et avantages de la marchandise sont pour le compte de l'acheteur dès le départ d'usine ou autre lieu d'expédition. La TVA et les frais d'emballage d'expédition, taxes, frêt, droits de douane et assurance sont à la charge de l'acheteur. Toute réclamation en raison de retards ou de dégâts de transport doit être adressée au transporteur et à l'assureur, sans retard et en bonne et due forme.

6. Contrôle à la réception

L'acheteur doit contrôler la marchandise dans un délai de 14 jours dès son arrivée à destination et nous notifier immédiatement par écrit de tous défauts éventuels. Si aucune notification n'est reçue dans ce délai, la marchandise est considérée comme ayant été acceptée.

7. Garantie et responsabilité

Nous garantissons le bon fonctionnement de nos appareils pendant 12 mois pour autant que nous réparerons ou remplacerons, à notre choix, le plus rapidement possible et gratuitement, toutes les pièces prouvées défectueuses par la suite de défauts de fabrication ou de matériel. Les frais de démontage, montage, transport et assurance concernant le retour à nous et le renvoi au client des pièces défectueuses ou inutilisables sont à la charge de l'acheteur. Au cas où les pièces défectueuses ou inutilisables ne peuvent pas être réparées ou remplacées dans nos usines pour des raisons qui ne nous sont pas imputables, tous les frais supplémentaires y relatifs sont à la charge de l'acheteur. La garantie est caduque si des modifications ou réparations sont effectuées sans notre accord par écrit. L'inobservance des spécifications des produits et de leur utilisation, ainsi qu'une utilisation incorrecte, imprudente ou incomptante excluent notre garantie.

La période de garantie commence quand la marchandise est prêtée à l'expédition. Si l'acheteur ne fait pas valoir des prétentions à la garantie jusqu'à l'écoulement de la période, nous sommes relevés de toute responsabilité à ce sujet.

Toutes prétentions de l'acheteur au-delà de nos responsabilités en matière de garantie mentionnées ci-dessus, en particulier rédhibition ou diminution ainsi que dommages-intérêts pour des gains manqués, pertes d'exploitation, accidents, dommages y relatifs de toutes sortes, etc., sont formellement exclues. L'acheteur s'engage à nous tenir indemne de toutes prétentions de ce genre de la part de tiers.

8. Documentations technique

Notre documentation technique – plans, illustrations, imprimés, manuels et autres documents semblables – constitue notre propriété intellectuelle. Nous nous réservons le droit de modification dans la mesure où nous le jugeons utile. Ce matériel doit être traité confidentiellement et ne peut pas être transmis à des tiers sans notre autorisation.

La documentation accompagnant des offres qui n'aboutissent pas à des commandes doit nous être retournée.

9. Lieu d'exécution /for judiciaire /droit applicable

Soleure est le lieu d'exécution de toutes les responsabilités et le pour judiciaire pour le jugement de différends éventuels. Au cas où un jugement rendu en Suisse ne serait pas exécutoire à l'étranger, un autre pour judiciaire serait à désigner par nous. Dans la mesure où ces conditions générales de vente et de garantie ou des conditions spéciales n'avancent pas de dispositions, le droit Suisse est applicable.

General sales and warranty conditions

(Edition 2004)

The buyer accepts the general sales and warranty conditions established hereafter as the basis for the present delivery(ies) as well as for future business transactions with Ghielmetti. However, we reserve the right to modify these conditions for future deliveries. All modifications or additions will be effective only with our written confirmation for each individual case. We formally reject all conditions of purchase conflicting with our sales and warranty conditions.

The German version of these general sales and warranty conditions is considered to be the original and legally binding text.

1. Object of sale

Our order confirmation shall be the sole reference to determine the type and quantity of goods and services which are the object of the sale.

The buyer must bring to our attention all legal, official or special regulations or directions, governmental or other, to be complied with in view of the accomplishment of the order.

2. Prices

Our prices are in Swiss Francs resp. EURO, ex works, unpacked, without VAT

3. Conditions of payment

Payment is due 30 days after the date of invoice, net without any additional discount, excluding all deductions for alleged counter-claims. Payment must be made to our place of business in Biberist. The minimum amount per invoice is sFr. 100.-

In case of arrears of payment, we will charge expenses of collection and interest on arrears from the due date to the date payment is received at a rate two percent above the open credit rate of the leading banks in Solothurn.

4. Terms of delivery

The agreed term of delivery begins when all necessary information relating to the order has been received, and ends when the finished goods are ready for shipment.

Delivery may be delayed by unforeseeable events such as acts of God, government imposed restrictions or regulations, incidents in the firm, including fire, floods, accidents, strikes and damage to plant and installation, shipping delays, difficulties in hiring personnel or in obtaining supplies, or any other cause beyond our control. Ghielmetti shall not be liable for late delivery, and the buyer shall have no right to claim damages or to cancel the order due to such delays.

5. Transfer of title and risk

Title and risk of the goods are transferred to the buyer when the goods leave the plant or any other place of shipment.

Sales tax, packing for transit, customs duties, freight and insurance are at the buyer's expense. The buyer must duly notify the freight carrier and the insurance company of any claims for delays in shipment or damage to the goods.

6. Reception of goods

The buyer must accept the goods within 14 days after their arrival at destination and report any faults in writing. If no such report is received within the time mentioned, the goods are considered as having been accepted.

7. Warranty and liability

For a period of 12 months from the date of shipment, we guarantee our goods to be free of defects in material or workmanship. We will repair or replace – at our discretion – free of charge, all demonstrably faulty goods returned to us. All costs incurred by dismantling and reinstalling the faulty goods, additional cost due to repair having to be conducted outside our plant for reasons beyond our control and all transport charges are at the buyers expense.

The warranty is rendered null and void should the buyer modify or repair the goods without our written consent. The disregard of the specifications as well as incorrect, careless or incompetent use of the products exclude our warranty.

The warranty period begins when the goods are ready for shipment. If the buyer does not file any written warranty claims up to the end of the warranty period, we are relieved of all respective responsibilities.

All claims exceeding our warranty as mentioned above, particularly cancellation or reduction of the order as well as indemnity claims for lost profits, trading losses, accidents and any other damages referring thereto, etc., are completely excluded. The buyer shall hold us harmless of claims of this kind brought directly against us by a third party.

8. Technical documents

Our technical documentation, i.e. plans, illustrations, printed matter, manuals and other documents are our intellectual property; they are subject to modification if ever that appears necessary to us. They are to be treated confidentially, and must not be made available to any third party without our written consent.

Documents attached to quotations not leading to an order are be returned to us.

9. Place of performance /jurisdiction /applicable law

Solothurn shall be the place of performance of all responsibilities and jurisdiction for the settlement of all disputes that may arise. Where the decision of a Swiss court cannot be enforced, we shall designate an appropriate jurisdiction. Wherever these general conditions of sale or any special conditions do not set forth any explicit rules, Swiss law shall apply.

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