# **CONNECTORS**



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		W.	0r		COL	•	PIUS			lu. M
AUDIO					<u>/</u>		/			
→ Adapters				178			147			
→ Banana plug				176					212	
<ul><li>→ EDAC</li><li>→ EP connector</li></ul>	153								218	
→ Cable lug	133			177						
→ 1/8" (3.5 mm) Mini phone plugs				170			144			
→ 1/4" (6.3 mm) Phone plugs	153			165			144			
→ Multipin / clip connectors									218	
→ MIDI DIN 5-pin								146		
<ul><li>→ Mini XLR</li><li>→ RCA phono plugs and in-line jacks</li></ul>				163 172			143	146		
speakON				1/2			145	140		
→ SUB-D / VGA			217				152		216	
→ TOSLINK / Optical				180						
→ D shape				200			149			
→ XLR				156			141			
AUDIO MULTI-CONNECTORS										
→ EDAC									218	
→ Male/female multi-pin connector									218	
→ SOCAPEX					010				218	
<ul><li>→ Multipin rectangular</li><li>→ Tools</li></ul>					212					
→ Adapters & cover panels				211	215					
→ Accessories				208	210				218	
→ Multi-pin round connectors / Tourlock				209	215					
A/V MULTIMEDIA										
→ Adapters				185			147			
→ Antenna connectors				182			147			
→ F connectors / adapters				183						
→ HDMI				181			152			
→ SCART connectors / adapters				184						
DATA / CONTROL										
→ LWL / Fiber				198			152			
→ RJ45 / Ethernet				194			151		010	
<ul><li>→ eventCON (DMX+Power)</li><li>→ USB / Firewire</li></ul>							153		210	
→ SUB-D / VGA			217				152		216	
→ Tools			217	197/199			132		210	
				,			I			
MISCELLANEOUS  → Transformers									203	
→ Keystone snap-in connectors									202	
→ Switches (latched & unlatched)				201						
POWER										
Load connectors					212		150			
→ powerCON					212		150			
→ eventCON (DMX+Power)									210	
→ CEE connectors						220				
→ Schuko connectors						220			219	
VIDEO										
→ BNC		206		189			149			204
→ DVI				184						
Hosiden connectors				184						205
<ul><li>→ MCXM connectors</li><li>→ N connectors</li></ul>										205
→ N connectors  → SMA connectors										205
→ S-VHS connectors				184						203
→ TNC connectors										205
→ DIN 1.0/2.3				188						
→ D-TAP / POWERTAP									218	
→ Tools				191						

#### **NEUTRIK**

There's probably not much more to say about **NEUTRIK**, these connecting systems are known the world over for their superb quality. A true legend is the reliable XLR connecting system of the NC-Series.

SOMMER CABLE supplies the entire NEUTRIK range. On the following pages you will find a compendium of the most common connectors.

The products labelled with SYSBOXX logo match our modular SYSBOXX, SYSFLOOR, SYSWALL and SYSDESK systems please go to the "Modular Systems" section.

#### Order code

Order	toue.
N	Neutrik
С	Connector XLR, adapter, plug, jack, loudspeaker, BNC
3	Number of pins
F	Gender (Male/Female)
Α	Series (P, A, B, D, DL, X, EZ, RC, AZ, XX)
Н	Connecting style (horizontal, vertical)
В	Black housing, gold-plated contacts
BAG	Black housing silver-plated contacts (AG)



Machined FX contacts

**SOMMER** CABLE

- 270°C / 518°F High Temp insulation
- Velvet Chrome high-end finish
- iechtenstein Even lower contact resistance
- Digital capable due to lesser vibration contact
- EMC: optimum protection against HF interference



Hard gold-plated machined contacts, Velvet Chrome

NC3FXX-EMC-

SOM

2 x00141

housing, High Temp insulation

• 3-pole female

• 3-pole female | NC3FX-SOM

Neutrik 🕨 Audio 🕨	XLR CONNI	ECTORS				SUPPLIERS: MARY AT BEGINN	ING OF CHAPTER	
Cable plug	Contacts	ORDER NO. White	ORDER NO. Black	Cable socket	Contacts	ORDER NO. White	ORDER NO. Black	QR co
	Silver-plated pins  3-pole male	:   NC3MXX-WT	-	3	Silver-plated pins:  • 3-pole female	NC3FXX-WT	<u> </u>	□ / · · · · · · · · · · · · · · · · · ·
Cable plug	Contacts	ORDER NO. Nickel	ORDER NO. Black	Cable socket	Contacts	ORDER NO. Nickel	ORDER NO. Black	QR co
	Silver-plated pins  • 3-pole male  • 4-pole male  • 5-pole male  • 7-pole male	NC3MXX NC4MXX NC5MXX NC7MXX	NC3MXX-BAG NC4MXX-BAG NC5MXX-BAG NC7MXX-BAG	63	Silver-plated pins:  3-pole female  4-pole female  5-pole female  7-pole female	NC3FXX NC4FXX NC5FXX NC7FXX	NC3FXX-BAG NC4FXX-BAG NC5FXX-BAG NC7FXX-BAG	■ #3   E #3   E #3   2 x00
	Gold-plated pins:      3-pole male     5-pole male     7-pole male	- - -	NC3MXX-B NC5MXX-B NC7MXX-B		Gold-plated pins:      3-pole female     5-pole female     7-pole female	- - -	NC3FXX-B NC5FXX-B NC7FXX-B	
	Gold-plated pins,  • 3-pole male	. housing crystalize	ed NC3MXX-B- CRYSTAL		Gold-plated pins,  • 3-pole female	housing crystalize	ed NC3FXX-B- CRYSTAL	□ (a) □ (a) □ (a) □ (a)
	From 25 pcs.: inc	cluding necessary	ith IP67 protection. mounting mantle NC3MXX-HD-B-D		From 25 pcs.: incl	uding necessary i	th IP67 protection. nounting mantle   <b>NC3FXX-HD-B-D</b>	■
	Silver-plated pins  • 3-pole male  • 5-pole male  • 7-pole male  Gold-plated pins:  • 3-pole male	NC3MRX NC5MRX NC7MRX	NC3MRX-BAG  NC3MRX-B		Silver-plated pins,	angled: NC3FRX NC5FRX NC7FRX	NC3FRX-BAG  NC3FRX-B	□ (4) 
		TH SOMMER CA			EXCLUSIVE WIT			QR co

Hard gold-plated machined contacts, Velvet Chrome

NC3MX-SOM

NC3MXX-EMC-

SOM

housing, High Temp insulation

• 3-pole male

• 3-pole male

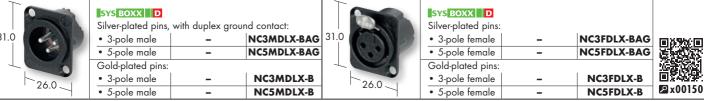


#### Neutrik > Audio > XLR INSTALLATION CONNECTORS

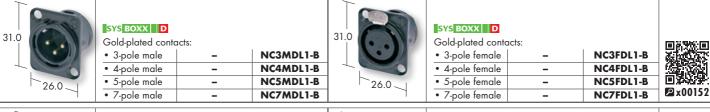
# OTHER SUPPLIERS: SEE SUMMARY AT BEGINNING OF CHAPTER

Cable plug	Contacts	ORDER NO. White	ORDER NO. Black	Cable socket	Contacts	ORDER NO. White	ORDER NO. Black	QR code
31.0	Silver-plated pins: • 3-pole male	:  NC3MDLX-WT	_	31.0	Silver-plated pins: • 3-pole female	NC3FDLX-WT	_	□ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \

Panel plug	Contacts	ORDER NO. Nickel	ORDER NO. Black	Panel socket	Contacts	ORDER NO. Nickel	ORDER NO. Black	QR code
	SYS BOXX D Silver-plated pins, with duplex ground contact:				SYS BOXX D Silver-plated pins:			
	• 3-pole male	NC3MDLX	_	01.0	• 3-pole female	NC3FDLX	-	
31.0	• 5-pole male	NC5MDLX	-	31.0	• 5-pole female	NC5FDLX	-	
	M3 version:				M3 version:			
1	• 3-pole male	NC3MDLX-M3	_		• 3-pole female	NC3FDLX-M3	-	
26.0	• 5-pole male	NC5MDLX-M3	-	26.0	• 5-pole female	NC5FDLX-M3	-	
20.0	HE version:	•		20.0	HE version:			具刻為
	• 3-pole male	_	NC3MDLX-HE		• 3-pole female	_	NC3FDLX-HE	<b>2</b> x00149













With screw terminal for cable cross-sections of 0.14 mm² - 0.5 mm²!
Gold-plated pins:

• 3-pole female | • | NC3FDS1-B





**SOMMER** CABLE

#### **NEUTRIK A-Series / B-Series**

The following 3-pole A-Series version (plastic) was designed by NEUTRIK to place as many installation connectors as possible in a very tiny space. They are mounted from the inside and with self-tapping screws. The B-Series is the metal version. There are different versions available with the option of a PCB mounting, please read the information below concerning the connection possibilities.

Important: The A- / B-Series comply with the industry standard, e.g. for use in mixing consoles, DI boxes and the like. They will not fit onto conventional patch panels with universal holes (D-Series).

#### Signs and symbols, Order number code:

=  $\mathbf{V}$ ertical print connections, straight

= Horizontal print connections, angled

HL = Horizontal print connections, going **left** 

HR = Horizontal print connections, going right

= Connections with clamping/cutting technology

= Housing and ground pin are separated from pin 1

Suitable screws for the A-Series can be found under "MODULAR SYSTEMS" > SYSBOXX screw kit. Flushmount installation with S-3X8S-I-ASCREW.

A-SERIES print panel plug	Contacts	ORDER NO. Nickel	ORDER NO. Black	A-SERIES print panel socket	Contacts	ORDER NO. Nickel	ORDER NO. Black	QR code
	Plastic housing, g  3-pole male  3-pole male	old-plated pins: 	NC3MAV NC3MAH		Plastic housing, g  3-pole female  3-pole female	old-plated pins: 	NC3FAV2 NC3FAH2	2 x00164
	Metal housing, go  • 3-pole male  • 3-pole male	old-plated pins: NC3MBV NC3MBH	<u>-</u>	O.	Metal housing, go  3-pole female  3-pole female	old-plated pins: NC3FBV2 NC3FBH2	<u>-</u>	© (4 ) ©

#### Neutrik > Audio > MINI XLR CONNECTORS

A-SERIES print panel plug	Contacts	ORDER NO.	A-SERIES print panel socket	Contacts	ORDER NO.	QR code
	Nickel, gold-plated: • 4-pole male	RT4MP		Nickel, gold-plated: • 4-pole female	RT4FC-B	2x00166



## Neutrik > Audio > PHONE PLUGS AND JACKS

Cable plugs	Contacts		ORDER NO. nickel	ORDER NO. black	QR Code
	6.3 mm nickel-plated	• 2-pole male	NP2X	-	
		• 2-pole male	-	NP2X-BAG	
		• 3-pole male	NP3X	-	
5		• 3-pole male	-	NP3X-BAG	
	6.3 mm gold-plated	• 2-pole male	-	NP2X-B	
65		• 3-pole male	-	NP3X-B	
	6.3 mm, nickel-plated, jumbo PLUG Cable Ø 10 mm	• 2-pole male	-	NP2XL	<b>2</b> x00167
	6.3 mm nickel-plated	• 2-pole male • 2-pole male	NP2C	– NP2C-BAG	
		• 3-pole male	NP3C	-	-
©.		• 3-pole male	-	NP3C-BAG	2x00168
STO MANAGE	6.3 mm gold-plated with magnetic switch; for cable Ø 4 – 7 mm	• 2-pole male	NP2X-AU-SILENT	-	
	Grommet for cable Ø 6 – 8.2 mm	-	BPX-L	-	2 x00169
	6.3 mm gold-plated, angled with magnetic switch; for cable Ø 4 – 7 mm	• 2-pole male	NP2RX-AU-SILENT	_	
<b>U</b>	Grommet for cable Ø 6 – 8.2 mm	-	BPX-L	_	🗖 🛭 x00170
B	6.3 mm nickel-plated – BASIC	• 2-pole male	NYS201	-	
788		• 3-pole male	NYS202	-	
A S	3.5 mm, nickel-plated - BASIC	• 3-pole male	NYS231	-	
	3.5 mm, nickel-plated – BASIC, gold-plated pins	• 3-pole male	-	NYS231BG	2 x00171
2	6.3 mm nickel-plated, angled	• 2-pole male	NP2RX	-	
		• 2-pole male	- ND2DV	NP2RX-BAG	
TI I		• 3-pole male	NP3RX	- NIDODY DAG	
	72	• 3-pole male	-	NP3RX-BAG	
8	6.3 mm gold-plated, angled	• 2-pole male	-	NP2RX-B NP3RX-B	2x00175
		3-pole male	-	NP3KA-B	
	3.5 mm nickel-plated, angled	<ul> <li>3-pole male</li> </ul>	NTP3RC	-	
	3.5 mm gold-plated, angled	• 3-pole male	-	NTP3RC-B	🗆 🗷 x00176

Socket	Contacts		ORDER NO. nickel	ORDER NO. black	QR Code
0	3.5 mm, nickel-plated	• 3-pole female	NY5240	-	
	3.5 mm, gold-plated pins	• 3-pole female	-	NYS240BG	<b>2</b> x00177
6	6.3 mm, silver-plated	• 3-pole female • 3-pole female	NJ3FC6	– NJ3FC6-BAG	□(+3.□ (+3.) (+3.□ (+3.) (+3.□ (+3.) (+3.) (+3.) (+3.□ (+3.) (+3.
		- 5-pole letifule		14301 CO-DAO	
	SYS BOXX D  6.3 mm, silver-plated	• 3-pole female	NJ3FP6C	_	
		3-pole female	-	NJ3FP6C-BAG	
	6.3 mm, gold-plated	• 3-pole female	-	NJ3FP6C-B	🛮 🗷 x01331
	SYS BOXX D  6.3 mm, silver-plated (plastic housing)	• 3-pole female	_	NJ3FP6P-BAG	□ (#2.□ □ (#2.□ □ (#2.□ □ x01332

# Neutrik > Audio > speakON

**NEUTRIK**°

Tried and true and very robust 2 to 8-pole loudspeaker connectors with bayonet lock. Plug and socket are shock-proof insulated according to IEC65/348. The cable is connected via screw terminals.

We recommend using NLFASTON cable socket receptacles (see shop or price list).

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In-line jack	Contacts	ORDER NO.	QR Code
	> 1000 W/ Rated current 40 A • 2-pole female	NL2FX	2 x01333
	Rated current 30 A  • 4-pole female	NL4FC	
	> 1000 W/ Rated current 40 A • 4-pole female	NL4FX	2 x01334

Panel plug	Contacts	ORDER NO.	QR Code
O	SYS BOXX D • 2-pole male	NL2MP	2 x01335
2	SYS BOXX D 4-pole male	NL4MP	
	4-pole male Print H, grey	NL4MDH	
	Print V, black	NL4MDV	
	High current	NL4MP-UC	回流流流流
	with screw contacts	NL4MP-ST	<b>2</b> x01336

In-line jack	Contacts	ORDER NO.	Color code rings	Color	ORDER NO.	QR Code
				Color code rings,		
				suitable for NL2FX-SOM-D,		
	With transparent ring			NL4FX-SOM-D		
9	Bulk material w/o			■ Blue	HI-SP-BL	
	wire protection; PU 50 pcs.;			Yellow	HI-SP-GE	同4649
	> 1000 W/			Green	HI-SP-GN	
	Rated current 40 A			Orange	HI-SP-OR	100 miles
0	• 2-pole female	NL2FX-SOM-D		Red	HI-SP-RT	回交響機
	4-pole female	NL4FX-SOM-D		■ Violet	HI-SP-VI	<b>2</b> x01337

> 1000 W,	R Code
angled • 4-pole female – NL4FRX	x01338
• 8-pole female – NL8FC	x01339
SYS BOXX     Metal housing, dust- and splashproof, IP54	
4-pole female NLT4FP NLT4FP-BAG	
SYS BOXX   Metal housing, dust- and dripproof, IP52	
8-pole female - NLT8FX-BAG	x01340

Male panel-mount connectors	Contacts	ORDER NO. nickel	ORDER NO. black	QR Code
0	SYS BOXX  • 4-pole male	_	NL4MPR	□ x 0 1341
0	SYS BOXX  • 8-pole male	NL8MPR	NL8MPR-BAG	■ (*4.3. ■ ************************************
0	SYS BOXX  Metal housing, dust- and splashp	iroof, IP54		
1	• 4-pole male	NLT4MP	NLT4MP-BAG	
	matching gasket	SC	NLT	
	SYS BOXX Metal housing, dust- and drippro			
	• 8-pole male	NLT8MP	NLT8MP-BAG	<b>2</b> x01343

In-line jacks	Contacts	ORDER NO. nickel	ORDER NO. black	In-line male connectors	Contacts	ORDER NO. nickel	ORDER NO. black	QR Code
63	Metal housing, dust- and splashpi  4-pole female	roof, IP54 NLT4FX	NLT4FX-BAG		Metal housing, dust- and splashpr  • 4-pole male	roof, IP54 NLT4MX	NLT4MX-BAG	
6	Metal housing, dust- and dripprod 8 8-pole female	of, IP52 <b>NLT8FX</b>	NLT8FX-BAG		Metal housing, dust- and dripprod 8 8-pole male	of, IP52	NLT8MX-BAG	2 x01344

Cable plugs	Contacts		ORDER NO. nickel housing	ORDER NO. black housing	QR Code
	Nickel-plated pins Gold-plated pins	2-pole male     2-pole male	NY\$352	- NY\$352BG	© 131 0 © 201347
	Gold-plated pins	<ul> <li>2-pole male, color-coded blue</li> <li>2-pole male, color-coded green</li> <li>2-pole male, color-coded red</li> <li>2-pole male, color-coded black</li> </ul>	- - - -	NYS373-6 NYS373-5 NYS373-2 NYS373-0	□ (#2.□   1.0   1.0   1.0   2 x01348
	Genuine gold-plated, solid pin, for cable Ø 3 - 7.3 mm Supplied in pairs	• 2-pole male	_	NF2CB2	□ 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

In-line phono jacks	Contacts	ORDER NO. nickel housing	ORDER NO. black housing	QR Code
	RCA in-line phono jacks, solder version, nickel-plated contacts • 2-pole female gold-plated contacts • 2-pole female	NYS372P -	_ NYS372P-BG	©x01350

Panel-mount phono jack	Contacts		ORDER NO.	QR Code
2	RCA panel-mount phono jack,	• 2-pole female, color-coded blue	NYS367-6	m2960
	solder version, gold-plated contacts	2-pole female, color-coded green	NY5367-5	
		2-pole female, color-coded yellow	NYS367-4	
		2-pole female, color-coded red	NYS367-2	
		2-pole female, color-coded black	NYS367-0	— <b>2</b> 2 x0135
	SYS BOXX D			
	D-flange type, nickel	• 2-pole female, color-coded blue	NF2D6	
		2-pole female, color-coded green	NF2D5	
		2-pole female, color-coded red	NF2D2	
		2-pole female, color-coded white	NF2D9	
	SYS BOXX D			 
	D-flange type, black	• 2-pole female, color-coded blue	NF2D-B6	
		2-pole female, color-coded green	NF2D-B5	
		2-pole female, color-coded red	NF2D-B2	— □ x0135
		2-pole female, color-coded white	NF2D-B9	Z XUISJ

## REAN > Audio > MIDI



Plug or Chassis Connector	Contacts	ORDER NO.	QR Code
	MIDI cable plug, silver-plated pins • 5-pole male	NY5322	回 新加
	D-flange version see chapter "HICON Connectors" female chassis-mount MIDI connector, silver-plated contacts • 5-pole female	NY5325	□ 54 □ 0 1154 □ 201354

## Neutrik Audio + Video ADAPTERS

For more adapters please see the following pages and the



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	Connection	Assignment	ORDER NO.
1	XLR female → XLR female	3-pole	NA3FF
2	XLR male → XLR male	3-pole	NA3MM
3	XLR female → XLR male	3-pole	NA3FM
4	XLR female → XLR male, D-flange type	3-pole	NA3FDM
5	XLR male → XLR female, D-flange type	3-pole	NA3MDF
6	XLR female → mono phone plug	2-pole	NA2FP
7	XLR male → mono mono 1/4" plug	2-pole	NA2MP
8	XLR female → stereo stereo 1/4" plug	3-pole	NA3FP
9	XLR male → stereo phone plug	3-pole	NA3MP
10	XLR female → stereo phone jack	3-pole	NA3FJ
11	XLR male → stereo phone jack	3-pole	NA3MJ
12	XLR female → RCA phono jack	2-pole	NA2FPMF
13	XLR male → RCA phono jack	2-pole	NA2MPMF
14	XLR female → RCA phono plug	2-pole	NA2FPMM
15	XLR male → RCA phono plug	2-pole	NA2MPMM

	Connection	Assignment	ORDER NO.
16	XLR male DMX terminator 120	3-pole	NA3MT
17	XLR 3 female → XLR 5 male DMX	3-pole	NA3F5M
18	XLR 3 male → XLR 5 female DMX	3-pole	NA3M5F
19	XLR female → BNC female	2-pole	NA2FBNC
20	XLR male → BNC female	2-pole	NA2MBNC
21	mono jack socket → mono jack socket	2-pole	NYS236
22	XLR fem. → BNC fem. (AES/EBU → AESid*)	2-pole	NADITBNC-F
23	XLR male → BNC fem. (AES/EBU → AESid*)	2-pole	NADITBNC-M
24	XLR fem. → BNC fem. (AES/EBU → AESid*)	2-pole	NADITBNC-FX
25	XLR male → BNC fem. (AES/EBU → AESid*)	2-pole	NADITBNC-MX
	speakON 4 female → speakON 4 female	4-pole	NL4MMX
27	speakON 8 female → speakON 8 female	8-pole	NL8MM
28	speakON 4 male → mono phone jack	2-pole	NA4LJX
29	powerCON 230 V NAC3MPA → NAC3MPB	3-pole	NAC3MM-1
30	RI45 k RI45	_	NE8FF

<sup>\*</sup> Converter 110 → 75

## Neutrik > Audio > COLOR-CODED AUDIO CONNECTORS

	Description, Color	ORDER NO
	Code ring for	
1000	XLR MX, XLR FX	
	BR Brown RT Red	XCR1 XCR2
	OR Orange	XCR2 XCR3
	GE Yellow	XCR4
	■ GN Green	XCR5
	BL Blue VI Violet	XCR6 XCR7
	GR Grey	XCR8
	☐ WS White	XCR9
	■ SW Black	XCRO
	Cover cap for	
	XLR MXX, XLR FXX	
	■ BR Brown	BXX1
	RT Red OR Orange	BXX2 BXX3
	GE Yellow	BXX4
	■ GN Green	BXX5
	■ BL Blue	BXX6
	VI Violet	BXX7
	GR Grey WS White	BXX8 BXX9
	SW Black	BXXO
	SW Black, for cable	BXX-14
	diameters ≤ 9.6 mm	
	Code ring for	
	XLR XX-Series	
	BR Brown RT Red	XXR1 XXR2
	OR Orange	XXR3
	GE Yellow	XXR4
	■ GN Green	XXR5
	BL Blue VI Violet	XXR6 XXR7
	GR Grey	XXR8
	☐ WS White	XXR9
	SW Black	XXRO
	☐ TR Transparent	XXRC
	Code ring for A-Series male	
	A-Series male  BR Brown	ACRM1
	RT Red	ACRM2
	OR Orange	ACRM3
	GE Yellow GN Green	ACRM4 ACRM5
	BL Blue	ACRM6
	■ VI Violet	ACRM7
	GR Grey	ACRM8
	<ul><li>☐ WS White</li><li>■ SW Black</li></ul>	ACRM9 ACRM0
	_ OTT DIGGE	AGRINIO
	Code ring for	
	A-Series female  BR Brown	ACRF1
	RT Red	ACRF2
	OR Orange	ACRF3
	GE Yellow	ACRF4
	■ GN Green ■ BL Blue	ACRF5 ACRF6
	VI Violet	ACRF7
	■ GR Grey	ACRF8
	☐ WS White	ACRE9
	■ SW Black	ACRFO
		2x01356

	Description, Color	ORDER NO
	Code ring for	
	1/4" plug NP-C	
	BR Brown	PCR1
	RT Red	PCR2
	OR Orange GE Yellow	PCR3
	GN Green	PCR4
	BL Blue	PCR6
	■ VI Violet	PCR7
S)	■ GR Grey	PCR8
	☐ WS White	PCR9
	■ SW Black	PCRO
	Cover cap for phone plug NP2X-/NP3X-Series	
	■ BR Brown	BPX1
	■ RT Red	BPX2
	OR Orange	врх3
	GE Yellow	BPX4
	■ GN Green	BPX5
	BL Blue	BPX6
	VI Violet	BPX7
	GR Grey	BPX8
	<ul><li>☐ WS White</li><li>■ SW Black</li></ul>	BPX9 BPX0
	SW Black, for cable	BPX-L
	diameters ≤ 8 mm	DI X-L
	Code ring for 1/4" plug NP-X	
	■ BR Brown	PXR1
	■ RT Red	PXR2
	OR Orange	PXR3
	GE Yellow	PXR4
	■ GN Green	PXR5
	■ BL Blue	PXR6
	■ VI Violet	PXR7
	GR Grey	PXR8
	☐ WS White  Code ring for	PXR9
	speakON NL4FRX	
	■ RT Red	LCR2
	■ GN Green	LCR5
	BL Blue	LCR6
	☐ WS White	LCR9
	Color grommet for speakON NL4FC	
	RT Red	BSL2
	OR Orange	BSL3
	GE Yellow	BSL4
	■ GN Green	BSL5
	■ BL Blue	BSL6
	VI Violet	BSL7
	SW Black Indicator plate for XLR	BSLO
	speakON, PowerCON,	
	jack, EtherCON panel-	
	mount sockets	
	■ BR Brown	DSS1
	RT Red	DSS2
	OR Orange	DSS3
	GE Yellow GN Green	DSS4
	BL Blue	DSS5
	■ BL Blue ■ VI Violet	DSS6 DSS7
	GR Grey	DSS7
	□ WS White	DSS9
	SW Black	DSS0
		□ (10 mm)   10 mm)   10 mm)   2 mm)   2 mm)

CONNECTORS

The BNC 75  $\,$  cable plug with space-saving rotary bayonet lock or as push-pull version is compatible with all common 75 connectors and suitable for HD use (UHD version is marked with "x" at the end). Black sleeve is standard; optional sleeves in 9 different colors must be ordered separately. The 75 BNC female chassis-mount connectors

from Neutrik are suitable for universal panels. They are fitted with gold-plated sockets and PTFE insulation. The solder-free version is simply attached to a BNC patch cable. More Neutrik BNC connectors available on request. For suitable tools see chapter "Accessories".

	Contacts	ORDER NO. nickel	(suitable crimping die)			
		nickei	crimping ale)			
	1 (Hex 6.47 mm), for cables: • SC-Focusline • SC-Altera Split • RG59/U • SC-Classic Control 2075					
	2-pole male	NBNC75BLP7	(DIE-R-BNC-PDC)			
gold-plated	UHD (4K/8K); (Hex 5.0 mm), for cables: SC-Slimline (RCB) Transit Kombi HD Observer 1 HD, Transit MC 523 HD Transit MC 8232	NBNC75BFG7X	(DIE-R-BNC-UG			
> >	'	NBNC/3BFG/A	(DIE-K-BINC-UG			
p, HDT	1 (Hex 5.41 mm), for cables: Transit Mobile PUR 2-pole male	NBNC75BIJ9	(DIE-R-BNC-PJ			
Rear Twist Crimp, HDTV, gold-plated	2 UHD (4K/8K); (Hex 6.47 mm), for cables: • SC-Vector 0.8/3.7 • Transit 5231 HD 2-pole male	NBNC75BLP9X	(DIE-R-BNC-PDC)			
ea	1 for cables:	NDNC/3DLP9X	(DIE-K-BINC-PDC)			
_	SC-Vector Plus 1.2/5.0     SC-Vector Plus 1.2/4.8 DZ     Transit MC 3031     Transit MC 3231 2-pole male	NBNC75BWU13	(die-r-bnc-ug)			
	2 UHD (4K/8K); for cables: • SC-RG-Classic Broadcast 1.0/4.8					
	2-pole male	NBNC75BTU11X	(DIE-BNC-U)			
ny Crimp, HDTV, gold-plated	1 (Hex 4.06 mm), for cables:  • Transit Mini Flex  • RG 179  • SC-Monomax  • Transit Mini Kombi  • Transit Mini Control 2-pole male  1 (Hex 4.06 mm), for cables:  • Cinema-SV	NBTC75BLI4	(DIE-R-BNC-PDC)			
Ç	Intercom Mini					
	2-pole male	NBTC75BLI5	(DIE-R-BNC-PDC)			
Rear Twist Ti	1 (Hex 5.0 mm), for cables: • Transit MC 113 • Transit MC 343		,			
~	2-pole male	NBTC75BVX6	(DIE-R-BNC-PDC)			
	Rear Twist Tiny Crimp, HDTV, gold-plated  1 for cables: • SC-Vector Plus 1.6L/7.3		(5)55551057			
	2-pole male NBLC75BVZ17 (DIE-R-BNC-Z)					

₽x01367

Description, Color	ORDER NO.
Color grommets for Neutrik BNC Rear Twist	
■ BR Brown	BST-BNC1
■ RT Red	BST-BNC2
OR Orange	BST-BNC3
GE Yellow	BST-BNC4
■ GN Green	BST-BNC5
■ BL Blue	BST-BNC6
■ VI Violet	BST-BNC7
■ GR Grey	BST-BNC8
☐ WS White	BST-BNC9
■ SW Black	BST-BNC0
CY Turquoise	BST-BNCY
	■

Female chassis	Contacts	ORDER NO.	ORDER NO.
COMP	Insulated housing, Through socket • 2-pole female	NBB75DFI	NBB75DFIB
SYS BOXX D	Housing to ground, UHD 4K/8K, Through socket • 2-pole female	NBB75DFGX	_
	Insulated housing, Solder version • 2-pole female	NBB75DSI	NBB75DSIB
SYS BOXX D	Housing to ground, Solder version • 2-pole female	NBB75DSG	NBB75DSGB
	Insulated housing, 1/2" thread 12,7 mm Crimp 1.0/4.8 for cable: RCB1.0/4.8 • 2-pole female	NBNB75IUU11	_
	Insulated housing, ½" thread 12,7 mm Crimp 0.8/3.7 for cable: SC-Vector 0.8/3.7 • 2-pole female	NBNB75ILP9	-
	BNC solder socket,	NBB75SI	_
	msoraled		·

## Neutrik Power PowerCON

The powerCON connector by Neutrik is a reliable and easy-locking connector with a power handling capacity of 250 V and 16 A; 20 A or 32 A, respectively, VDE

Reg. No. 6360. As touch guard for the panel-mount sockets, we recommend the SCDR protective cap.

powerCON	Contacts	ORDER NO.	powerCON	Contacts	ORDER NO.	QR Code
	TRUE 1 / 16 A Line connector / power outlet: • 3-pole cable socket	NAC3FX-W		TRUE 1 / 16 A Chassis connector / power inlet:  • 3-pole panel-mount plug  • Suitable sealing cap	NAC3MPX SCNAC-FPX	
				TRUE 1 / 16 A Combined power outlet/power inlet: • 3-pole panel-mount socket & plug	NAC3PX	
	TRUE 1 / 16 A Chassis connector / power inlet: • 3-pole cable plug	NAC3MX-W		TRUE 1 / 16 A Line connector / power outlet:  • 3-pole panel-mount socket  • 3-pole panel-mount socket with screw terminal  • Suitable sealing cap	NAC3FPX NAC3FPX-ST SCNAC-FPX	□
	System 1 – Power in (blue) / 20 amperes Line connector / power outlet: • 3-pole cable socket	NAC3FCA		System 1 – Power in (blue) / 20 amperes Chassis connector / power inlet:  • 3-pole panel-mount plug	NAC3MPA-1	□
	System 2 – Power out (grey)/20 amperes Chassis connector / power inlet: • 3-pole cable socket	NAC3FCB	0	System 2 – Power out (grey)/20 amperes Line connector / power outlet:  • 3-pole panel-mount plug	NAC3MPB-1	014 2 0 014 1 0 014 1 0 014 1 0 01379
	32 amperes • 3-pole cable socket	NAC3FC-HC		SYS BOXX D  32 amperes  • 3-pole panel-mount plug	NAC3MP-HC	□ **** □ **** □ **** ② ×01380

# Neutrik ACCESSORIES



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Description	Color	ORDER NO.
1 cover platelet for XLR punchings	■ black	DBA
2 dummy PLUG for XLR panel socket	■ black	NDF
dummy PLUG for XLR panel plug	■ black	NDM
dummy PLUG for 1/4" phone jacks	■ black	NDJ
3 alu shape housing 65 mm for D-Series incl. screws	■ black	NA-HOUSING
4 XLR panel plug with flange, suitable for NA-HOUSING/HI-HOUSING	■ black	NM3MD-B
5 XLR panel socket with flange, suitable for NA-HOUSING/HI-HOUSING	■ black	NM3FD-B

Description	Color	ORDER NO.
of soft plastic protective cap for panel-mount sockets (powerCON, etc.)	■ black	SCDR
7 M3 assembly frame for all D shape interfaces		MFD
B D shape gasket against dust and water; also available in red (SCDP2), yellow (P4), green (P5), blue (P6) and white (P9)	■ black	SCDP0
9 sealing cap against water, dust and dirt; for all D shape panelmount sockets	■ black	SCDX

# NEUTRIK

The EtherCON by NEUTRIK offers optimal protection due to its robust XLR design housing. Perfect for the mobile use of network and media technologies. Immediately available for DIY assembly including RJ45 connector. The panel socket has a special locking A or D shape housing. The housing of the NE8MC is simply fastened around a ready-made RJ45 patch cable. The NE8MC1 has been designed for direct mounting to the LAN cable while at the same time  $\$ finishing the RJ45 connector. The panel-mount sockets are available in a patch version, print version, with standard clamping/cutting technology or in CAT.6

standard (IP65) for data rates of up to 10 GBit. The connector is supplied with a black cap and black color grommet. Color-coded caps and covers are available in 9 different colors and must be ordered separately - see color coding NEUTRIK audio connectors some pages further ahead. Suitable fastening screws for NE8FA can be found under "Modular Systems > SYSBOXX screwkits". Flushmount installation is possible in a recessed depth of 2.5 mm (0.098") (Order No. S-3X8S-I-ASCREW).

Cable plug	Contacts	ORDER NO.	ORDER NO. black	QR Code
	RJ45 protective s for subsequent as (RJ45 connector • male	sembly	NE8MC-B	□ 44 3 □ 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	RJ45 protective s (RJ45 connector • male		while finishing	□ (

Panel socket	Contacts ORDER nicke		ORDER NO. black
	sys Boxx D gold-plated, RJ45, patch vers • female	ion, D shape <b>NE8FDP</b> (photo)	NE8FDP-B
	(photo		NE8FAH (photo) NE8FAH-C5
	sys BOXX gold-plated, RJ45, PCB version, A shape • female		
	gold-plated, RJ45, PCB horiz female female, CAT.5e	ontal, B shape NE8FBH NE8FBH-C5 (photo)	<u>-</u> -
NEW!	• female, CAT.5e, shielded • female, CAT.5e, LED	NE8FBH-C5-S NE8FBH-C5-LED	-

Description, Color	ORDER NO.
Color grommets for EtherCON MC version  BR brown  RT red  OR orange  GE yellow  GN green  BL blue  VI violet  GR grey  WS white  SW black	BSE1 BSE2 BSE3 BSE4 BSE5 BSE6 BSE7 BSE8 BSE9 BSE9



**SOMMER** CABLE

	SAS ROXX	
3	gold-plated, RJ45, PCB vertic	al, B shape
	• female	NE8FBV
	• female, CAT.5e	NE8FBV-C5
	• female, CAT.5e, shielded	NE8FBV-C5-S
		(photo)
NEW:	• female, CAT.5e, LED	NE8FBV-C5-LED



### Neutrik Data RJ45 CAT.6A

In compliance with IS compatible with Ether



2x01389

SO/IEC 11801, rCON CAT.5	TIA/EIA 568-C.2		1 Gh
	ORDER NO.	ORDER NO.	

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Cable plug	Contacts	ORDER NO. nickel	ORDER NO. black	QR Code
	EtherCON CAT.6 for cable diamete 7 - 9.5 mm AWG24 - AWG	ers		
	• male	NE8MX6	NE8MX6-B	
	AWG27/7 - AW	/G24/1 <b>NE8MX6-T</b>	NE8MX6-B-T	□ # 2.3 ② x01390







	Panel socket	ORDER NO. nickel	ORDER NO. black
	EtherCON CAT.6A, patch version, D sha	pe	
	• female	NE8FDX-P6	NE8FDX-P6-
Ī	EtherCON CAT.6A, plugged state, D sho	ipe	
•	• female	NE8FDX-Y6	NE8FDX-Y6-I
3	EtherCON CAT.6A, with rubber gasket II  • female, patch	P65 (plugged state	), D shape   <b>NE8FDX-P6-\</b>

## Neutrik Data DATA+POWER

NEW!



With Ethernet+Power/DMX+Power there are 8 contacts available for data transmission (CAT.5e), and two additional more massive contacts to carry up to 16 amps of power at up to 50 volts - substantially greater capacity than PoE. The 10-pole cable connectors have the design of the well-known XX and RX series

equipped with a proven cable strain relief, a sturdy locking system as well as a dual ground contact. Usable for cable diameters of  $8-10\ mm\ /\ 0.315\ -\ 0.394"$ . The panel-mount connectors are based on the DLX series with a D shell.

Plug	Contacts	ORDER NO. black	Socket	Contacts	ORDER NO. black	QR Code
	Gold-plated pins, cable plug • 10-pole male	NC10MXX-14-B		Gold-plated pins, cable socket • 10-pole female	NC10FXX-14-B	
	Gold-plated pins, angled cable plug • 10-pole male	NC10MRX-14-B		Gold-plated pins, angled cable socket • 10-pole female	NC10FRX-14-B	
	Gold-plated pins, panel-mount D-type • 10-pole male	NC10MDLX-B		Gold-plated pins, panel-mount D-type • 10-pole female	NC10FDLX-B	2x01398

## Neutrik ▶ Data ▶ FIBER



Panel socket with hard nickel or ruthenium coating, 4 solder contacts and 1 LC-Duplex feed-through connection, waterproof according to IP65, panel mounting from the front. The chassis panel plug with its D shape housing serves as a feed-through, which guarantees an easy installation by simply inserting two or four conventional LC plugs on the rear side. The panel plug is equipped with a self-sealing protective cap

with a silicone gasket to protect the fiber-optic cable from dirt and dust when not in use. It also has the proven push-pull locking mechanism for safe connections. Colored gaskets for labelling the fiber type are included. Suitable connection cables and reel systems can be found in the sections "Ready-made Cables" and "Multicore & Power Distribution Systems".

Chassis connector	Connection	ORDER NO. black chrome	Chassis connector	Contacts	ORDER NO. black chrome	QR Code
	SYS BOXX D LC-Duplex Advanced	NO2-4FDW-A		SYS BOXX D LC-Quad Advanced	NO4-FDW-A	□ (4 2 □ 1

## Neutrik Video + Audio HDMI



Chassis connector	Connection	ORDER NO. nickel	ORDER NO. black	QR Code
	Neutrik's HDMI solution for the transmission of digital TV and PC video formats including HDTV can be integrated quite easily into networks.  • HDMI patch version, female	NAHDMI-W	NAHDMI-W-B	□ #3 □ 14 3 □ 15 3 14 15 15 15 15 15 15 15 15 15 15 15 15 15

#### Neutrik ▶ Audio ▶ **D-SUB**





Loop-through chassi	is-mount socket/plug D-shell	ORDER NO. female ⇔ female	ORDER NO. female ⇔ male	QR Code
	• 9-pole, nickel	NADB9FF	NADB9MF	
	• 9-pole, black	NADB9FF-B	NADB9MF-B	
40	• 15-pole, nickel	NADB15FF	NADB15MF	回交換機能
	15-pole, black	NADB15FF-B	NADB15MF-B	<b>2</b> x01401

### NEUTRIK

**Amphenol**®

CONNECTORS

The robust **USB** and **Firewire** D shape chassis-mount connectors by NEUTRIK are ideal for the today's media wiring. Using the above RJ45 unit, this can be conveniently configured in our flexible SYSBOXX system together with many other audio and video connections.

The USB version is fitted with a USB-A to USB-B element which can be rotated by 180°. The Firewire/i-Link version is fitted on both sides with a 6-pole socket according to IEEE 1394a. Furthermore both versions are equipped with a gasket ring and a ground connection for shielding purposes. Suitable cables with push/pull lock are available on request.

Chassis connector	Contacts	ORDER NO. Nickel	ORDER NO. Black	Chassis connector	Contacts	ORDER NO. Nickel	ORDER NO. Black	QR Code
	USB-A to USB-B	80° rotatable NAUSB3	NAUSB3-B		SYS BOXX D Firewire 6-pole Patch IEEE		NA 1394-6-W-B	■

#### **AMPHENOL**

AMPHENOL supplies audio, video and power connectors and is also one of the market leaders in mechanical engineering. The products marked with the SYSBOXX friendly, helpful Amphenol colleagues from Australia, Germany and the Netherlands. logo work well with our modular SYSBOXX (see "Modular Systems").

# Amphenol > Audio > PHONE PLUGS

AMPHENOL is a worldwide operating group, and we

enjoy working with their product range and with our

OTHER SUPPLIERS: SEE SUMMARY AT BEGINNING OF CHAPTER

Phone plug	Contacts	ORDER NO. Nickel	ORDER NO. Black	Phone plug	Contacts	ORDER NO. Satin	ORDER NO. Black	QR Code
						PATENTED	RELIF	
					High-end phone p	olug 6.3 mm eter 8 mm/black		
	Phone plug 6.3 m	ım, gold-plated			• 2-pole male	_	TM2PBJ	
	• 2-pole male	_	ACPM-MB-AU		• 3-pole male	-	TS3PBJ	国 36534
	• 3-pole male	ACPS-GN-AU	-		• 2-pole male	TM2PJ	_	<b>№</b> x01407

## Amphenol ▶ Audio ▶ EP CONNECTORS

**EP connectors** for audio, industry and high-power applications. Due to the robust die-cast zinc housing this Amphenol series is a very popular connecting system that can be used for wiring loudspeaker chassis and cabinets, among many other

The cable clamp has been designed for cable diameters of 9 mm to 16 mm / 0.354" to 0.63".

Other versions available on request.

EP cable plug	Contacts	ORDER NO.	EP cable plug	Contacts	ORDER NO.	QR Code
	Nickel shell; tin-plated contacts • 5-pole male	EP-5-12		Nickel shell; tin-plated contacts • 5-pole female	EP-5-11P	2 x01408