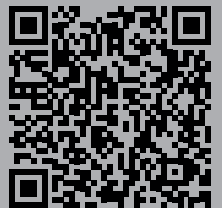




Accessories



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Introduction

Various connector standards in the professional and semi-professional audio and video world lead to many interconnection challenges.

Neutrik has made it a rule to serve our customers' needs in all its connector offerings and has therefore produced a variety of problem solvers.

With our adapter series we have a solution for the most known interconnection difficulties and in addition we offer modules for the most common connector types to fulfill more specific needs.

Miniature impedance balancing adapters are the answer to the most common noise and grounding problems and for customized designs we recommend our proven audio transformers in combination with our modules.

Neutrik offers a wide range of audio adapters, transformers, AES / EBU adapters and gooseneck products. From problem solvers to connection quick fixes, Neutrik has the most popular audio connectivity solutions. All Neutrik adapters and connectors are soldered with lead free RoHS compliant solder.



Adapter



XLR connector



RCA phono socket



Jack with locking latch



BNC socket

Circular Adapters



NA2FP



NA2MPMM



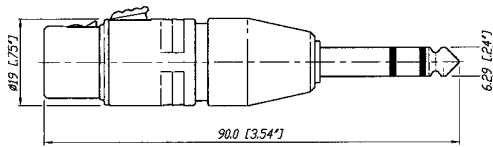
NA3MJ



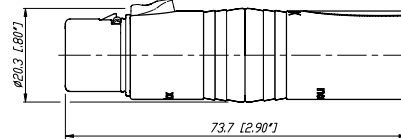
NA4FX-F

- Variety of adapters offered to interface with most connector combinations
- Professional look and compact space saving design
- Rugged diecast shell for best reliability
- Compact design and durability with Neutrik quality

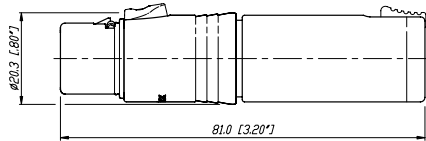
NA3FP



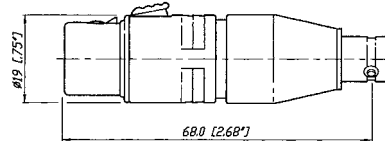
NA3FM



NA3FJ



NA2FBNC



Example drawing. Find more info on www.neutrik.com

Adapter



Phono socket



speakON NL4MP



3 pole XLR male



Jack with locking latch

D Shape Adapters



NA2BBNC-D9B



NA2M-D2B-TX



NA4MP-J



NA4MP-MX

- Problem solvers for various intermating problems for professional and semi-professional applications
- Rugged aluminium extrusion housings for best reliability
- Colour coding on all RCA types

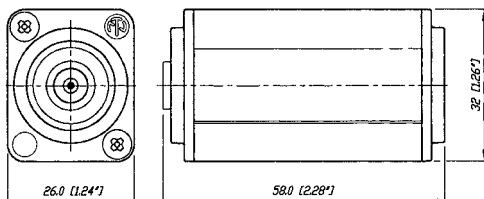
Miniature transformer balancing adapters NA2*-TX

- Audio Transformer 1:1 impedance ratio 200:200
 - Low cost solution for unbalanced / balanced line conversion and passive DI applications, where no earth or gain switching is required.
 - Source / Load impedance 600 / 10 K
- Max. input level @ 50 Hz at 1% THD: -3 dBu

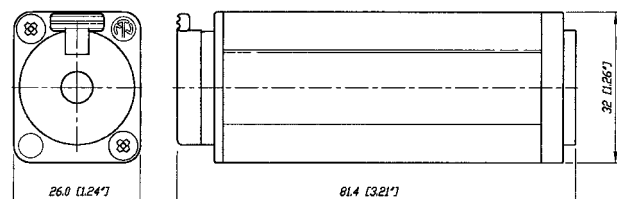


NA2F-D0B-TX

NA2BBNC-D9B



NA4MP-J



Example drawing. Find more info on www.neutrik.com

Circular Adapters

| Part No. | Port 1 | Port 2 | Comments |
|----------|-------------------|-------------------------------|--|
| NA2FBNC | 3 pole XLR female | BNC socket | 1) |
| NA2FP | 3 pole XLR female | TS ²⁾ , 1/4" plug | 1) |
| NA2FPMF | 3 pole XLR female | RCA / phono socket | 1) |
| NA2FPMM | 3 pole XLR female | RCA / phono plug | 1) |
| NA2MBNC | 3 pole XLR male | BNC socket | 1) |
| NA2MP | 3 pole XLR male | TS ²⁾ , 1/4" plug | 1) |
| NA2MPMF | 3 pole XLR male | RCA / phono socket | 1) |
| NA2MPMM | 3 pole XLR male | RCA / phono plug | 1) |
| NA3FF | 3 pole XLR female | 3 pole XLR female | gender conversion adapter |
| NA3FF-B | 3 pole XLR female | 3 pole XLR female | gender conversion, black plating |
| NA3FJ | 3 pole XLR female | TRS ²⁾ , 1/4" jack | locking jack |
| NA3FM | 3 pole XLR female | 3 pole XLR male | extension adapter |
| NA3FMX | 3 pole XLR female | 3 pole XLR male | contacts 2 - 3 inverted |
| NA3FP | 3 pole XLR female | TRS ²⁾ , 1/4" plug | |
| NA3JJ | stereo 1/4" jack | TRS ²⁾ , 1/4" jack | extension adapter, locking jack |
| NA3MJ | 3 pole XLR male | TRS ²⁾ , 1/4" jack | locking jack |
| NA3MM | 3 pole XLR male | 3 pole XLR male | gender conversion adapter |
| NA3MM-B | 3 pole XLR male | 3 pole XLR male | gender conversion, black plating |
| NA3MP | 3 pole XLR male | TRS ²⁾ , 1/4" plug | |
| NA5FF-B | 5 pole XLR female | 5 pole XLR female | gender conversion adapter, black plating |
| NA5MM-B | 5 pole XLR male | 5 pole XLR male | gender conversion adapter, black plating |

D Shape Adapters

| | | | |
|-------------|-------------------|------------------------------|--|
| NA2BBNC-D4B | BNC socket | RCA / phono socket | colour coded yellow |
| NA2BBNC-D9B | BNC socket | RCA / phono socket | colour coded white |
| NA2F-D0B-TX | 3 pole XLR female | RCA / phono socket | colour coded black ⁴⁾ |
| NA2F-D2B-TX | 3 pole XLR female | RCA / phono socket | colour coded red ⁴⁾ |
| NA2F-J-TX | 3 pole XLR female | 1/4" jack | ground lifted ⁴⁾ |
| NA2M-D0B-TX | 3 pole XLR male | RCA / phono socket | colour coded black ⁴⁾ |
| NA2M-D2B-TX | 3 pole XLR male | RCA / phono socket | colour coded red ⁴⁾ |
| NA2M-J-TX | 3 pole XLR male | 1/4" jack | ground lifted ⁴⁾ |
| NE8FF | etherCON | etherCON | RJ45 coupler |
| NL4MMX | 4 pole speakON | 4 pole speakON | lockable coupler |
| NL8MM | 8 pole speakON | 8 pole speakON | lockable coupler |
| NAC3MM-1 | 3 pole powerCON | 3 pole powerCON | lockable coupler |
| NA4FX-F | speakON NL4FX | 3 pole XLR female | speaker adapter ³⁾ |
| NA4FX-M | speakON NL4FX | 3 pole XLR male | speaker adapter ³⁾ |
| NA4LJX | speakON NL4FX | TS ²⁾ , 1/4" jack | speaker adapter ³⁾ |
| NA4MP-F | speakON NL4MP | 3 pole XLR female | speaker adapter ³⁾ |
| NA4MP-J | speakON NL4MP | TS ²⁾ , 1/4" jack | speaker adapter ³⁾ |
| NA4MP-M | speakON NL4MP | 3 pole XLR male | speaker adapter ³⁾ |
| NA4MP-M-X | speakON NL4MP | speakON NL4MP | speaker adapter 1+ / 1- inverted ³⁾ |

1): Wired according to IEC 268-12: pin 2 = signal, pin 1 and 3: connected to ground

2): TRS-Tip, Ring, Sleeve contact (stereo); TS-Tip, Sleeve contact (mono)

3): Detailed wiring info on www.neutrik.com

4): Unbalanced / balanced line conversion, 1:1 transformer 200 Ω : 200 Ω

Adapter



3 pole XLR female receptacle



3 pole cable connector



BNC chassis

AES / EBU Digital Impedance Transformer Adapters



NADITBNC-F



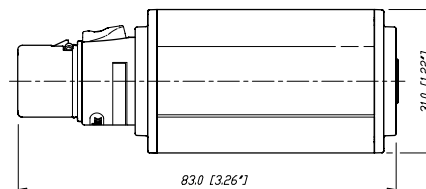
NADITBNC-FX



NADITBNC-MX

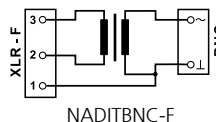
- Cost effective exceptional impedance matching adapters
- Allow long cable runs for digital audio signals via low attenuation coax lines
- Match balanced (110 Ω) to coaxial lines (75 Ω)
- Pre-wired in black anodized aluminum extrusions for increased durability
- AES/EBU adapters available with either 3 pin male or female XLR cable ends or receptacles
- Simple use, passive units

NADITBNC-FX

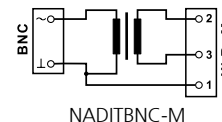


Technical Data

| | |
|-------------------------------|------------------------------|
| Maximum voltage / Max. power: | 5 Vp-p / 250 mW |
| Frequency band: | 0.1 MHz to 6 MHz |
| Insertion loss: | < 0.3 dB @ 0.1 MHz to 10 MHz |
| VSWR / Return loss: | < 1.1 / > 26.4 dB |



NADITBNC-F



NADITBNC-M

Ordering Information

| Part No. | Port 1 | Port 2 | Comments |
|-------------|------------------------------|--------------------|-------------------------------------|
| | Input | Output | |
| NADITBNC-F | 3 pole XLR female chassis | female BNC chassis | 110 Ω XLR input and 75 Ω BNC output |
| NADITBNC-M | 3 pole XLR male chassis | female BNC chassis | 75 Ω BNC input and 110 Ω XLR output |
| NADITBNC-FX | 3 pole XLR female cable con. | female BNC chassis | 110 Ω XLR input and 75 Ω BNC output |
| NADITBNC-MX | 3 pole XLR male cable con. | female BNC chassis | 75 Ω BNC input and 110 Ω XLR output |

Adapter



5 pole male connector



5 pole female connector



All metal housing

DMX Adapters

Feedthrough



NA3F5M



NA3F5M



NA3FDM



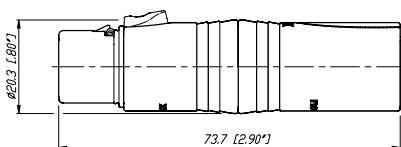
NA3MDF

- Compact XLR 3 to 5 pole adapters for lighting (DMX) applications
- Solve interconnection problems of the old (3-pole) and new (5 pole) DMX standard
- Enable usage of standard 3 pole microphone cable for DMX applications
- Based on the worldwide accepted standard XLR connectors
- Reliable and rugged diecast shell

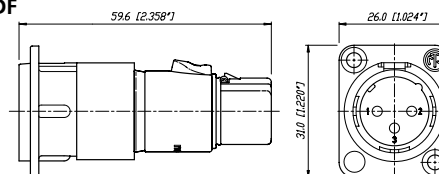
- 3 pole XLR feedthrough adapter
- D-flange chassis mount
- Male to female and vice versa
- Utilizes XX-components



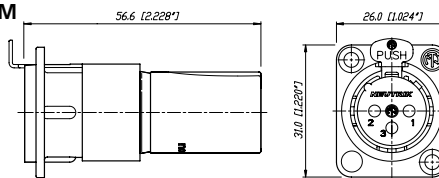
NA3F5M



NA3MDF



NA3FDM



Ordering Information DMX Adapter

| Part No. | Port 1 | Port 2 | Comments |
|----------|-------------------|-------------------|-------------------------------|
| NA3F5M | 3 pole XLR female | 5 pole XLR male | for DMX lighting applications |
| NA3M5F | 3 pole XLR male | 5 pole XLR female | for DMX lighting applications |

Ordering Information Feedthrough

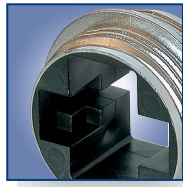
| | | |
|--------|-------------------|-------------------|
| NA3FDM | 3 pole XLR female | 3 pole XLR male |
| NA3MDF | 3 pole XLR male | 3 pole XLR female |



3 pole plug



SM2/2 switch



VM housing

Modules & Audio Transformers



NM3FXI



NM3P



KMX



SM2/2

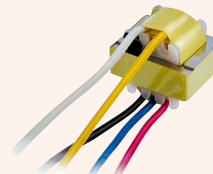


NM3FD-B

- Multifunctional modules allow to design customized adapters to suit specific needs
- Based on the X and D Series connector system
- NTE transformers and switch can be built in
- Professional look, rugged diecast shell

Audio Transformer

- Professional audio transformers for multiple applications, as e.g. microphone or line inputs
- Very low distortion, excellent frequency response
- Cost effective cable version for free wiring
- Fully permalloy-shielded studio versions



NTE10-3



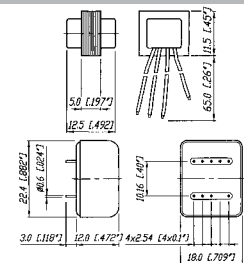
NTL1

Audio Transformer selection Guide

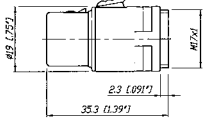
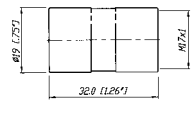
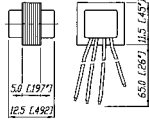
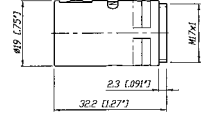
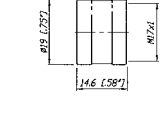
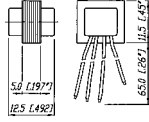
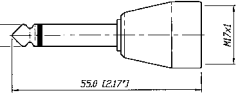
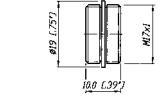
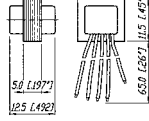
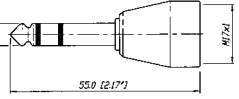
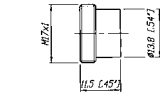
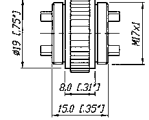
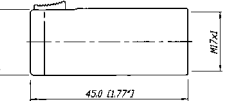
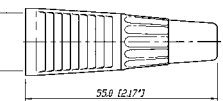
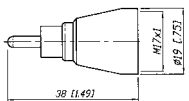

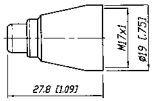
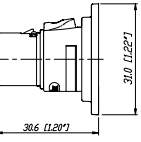
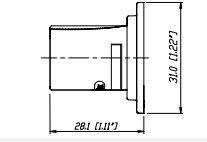
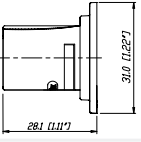
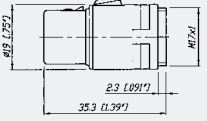
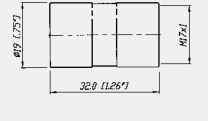
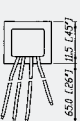
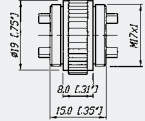
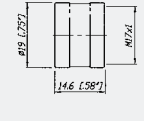
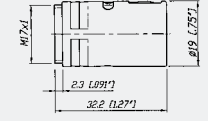
| Part No. | Turns Ratio (prim : sec) | Impedance ratio | Source / load impedance in Ω | Max. Input level* @ 50 Hz, 1% THD [dBu] | Applications |
|----------|--------------------------|-----------------|-------------------------------------|---|--|
| NTE1 | 1 : 1 | 200 : 200 | 200 / 2k, (600 / 10k) | -3 | General purpose, splitting, XLR inline |
| NTE4 | 1 : 4 | 200 : 3.2k | 200 / 10 K | -7 | Mic input step-up |
| NTE10/3 | 1 : 3 | 200 : 1.8k | 200 / 10 K | -7 | General purpose mic input step-up |
| | 1 : 10 | 200 : 20k | 200 / 50 K | -6 | |
| NTL1 | 1 : 1 | 10k : 10k | 600 / 10k | +19 | Line input |
| NTM1 | 1 : 1 | 200 : 200 | 200 / 2k | +7 | Mic input, splitting |
| NTM4 | 1 : 4 | 200 : 3.2k | 200 / 10k | +9 | Mic input step-up |

* : measured with typical source / load impedances

Wiring: NTE*: free wires, NTL / NTM*... PCB mount, shielded; Find detailed specifications on www.neutrik.com



Module Selection Guide

| Connector module | Coupler / housing | Transformer / switch |
|---|--|---|
| NM3FXI XLR female M17x1 outside  | KM M 17x1 inside  | NTE1 1:1  |
| NM3MXI XLR male M17x1 outside  | KMX M 17x1 inside  | NTE4 1:4  |
| NM2P mono 1/4" plug M17x1 inside  | VM M 17x1 outside  | NTE10/3 1:3:10  |
| NM3P stereo 1/4" plug M17x1 inside  | VMX M 17x1 outside  | SM2/2 2x2 switch M17x1 outside  |
| NM3J stereo 1/4" jack M17x1 inside  | CM cable outlet M 17x1 inside  | |
| NMPMM RCA male M17x1 inside  | NA-Housing ¹⁾ black plated screws included  | |
| NMPMF RCA female M17x1 inside  | | |
| NM3FD-B black plated D-Shape  | | |
| NM3MD-B black plated D-Shape  | | |
| 1) ... Combinations possible with all D Shape connectors like e.g. NC3FD-L-1, NF2D, NBB75DSI, etc. | | |
| Example:  | | |
|  NM3FXI |  KM |  NTE1 |
|  SM2/2 |  KMX |  NM3MXI |



3 pole XLR with securing ring



Flexible spiral

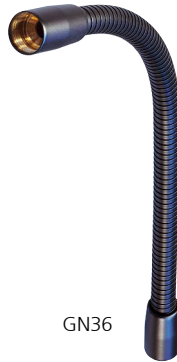


Integrated cable outlet

Goosenecks



GN518



GN36



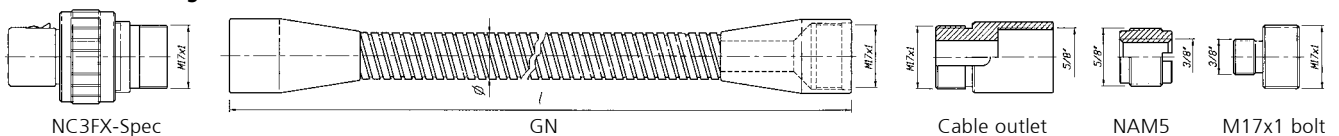
GN550

- For flexible and secure mounting of microphones, lamps etc.
- Versatile, modular system allows various combinations
- Durable stainless steel spiral, no rust, no noise, non-reflective black finish
- Theft proof microphone connection on GNS version (securing ring and fixing screw)
- Strong, flexible and noiseless goosenecks available in three lengths

Ordering Information

| Part No. | Description |
|--|--|
| GN18 | M17 x 1 inside thread at both ends (Ø 12 mm, 230 mm length) |
| GN36 | M17 x 1 inside thread at both ends (Ø 13 mm, 360 mm length) |
| GN50 | M17 x 1 inside thread at both ends (Ø 15 mm, 500 mm length) |
| Gooseneck sets: | |
| GN518 | Gooseneck set GN18, NC3FX-Spec., cable outlet, NAM5 adapter, M17 x 1 bolt thread |
| GN536 | Gooseneck set GN16, NC3FX-Spec., cable outlet, NAM5 adapter, M17 x 1 bolt thread |
| GN550 | Gooseneck set GN50, NC3FX-Spec., cable outlet, NAM5 adapter, M17 x 1 bolt thread |
| Accessories: | |
| NAM4 | M17 x 1 outside thread, 5/8" 27 UNS inside thread ¹⁾ |
| NAM5 | 3/8" inside thread, 5/8" 27 UNS outside thread ¹⁾ |
| GF1 | Mounting kit: Flange Ø 63.5 mm including mounting bolt M17x1, 13 mm length ¹⁾ |
| MSG | Mounting bolt M17 x 1, 30 mm length ¹⁾ |
| ¹⁾ : Find detailed specifications on www.neutrik.com | |

GNS Set consisting of:



ELIMINATE

CABLES

KEEP PURE

SOUND



XIRIUM PRO

DIGITAL WIRELESS AUDIO SOLUTION

Designed as a cable replacement system, providing audio signals to and from devices without long or complicated cable runs, XIRIUM PRO delivers studio quality audio with extremely low latency. XIRIUM PRO offers audio professionals tremendous versatility, ease of operation, FCC license-free audio that is ideally suited to a myriad of live sound applications. For more information visit www.xirium.net

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