# NC3MAHL

3 pole male XLR receptacle, grounding: ground contact connected to shell ground, but not to front panel and Pin 1, lateral left PCB mount

The 'State of the Art' receptacle. Round plastic body XLR PCB mount panel connector. These have the smallest size and highest packing density (23 mm between centres). New designed fork type contacts with hard gold plating and polished contact areas. UL recognized component.

## Features & Benefits

- Smallest XLR receptacles, highest packing density
- Plastic housing, steel latch lock
- Polished contact areas and hard gold plating
- Housing flammability UL94V-0


All rights reserved / 12.10.2024

NEUTRIK

# Technical Information

| Product | |
|---|---|
| **Title** | NC3MAHL |
| **Connection Type** | XLR |
| **Gender** | male |

| Electrical | |
|---|---|
| **Capacitance between contacts** | ≤ 4 pF |
| **Contact resistance** | ≤ 6 mΩ |
| **Dielectric strength** | 1,5 kVdc |
| **Insulation resistance** | > 10 GΩ (initial) |
| **Rated current per contact** | 6 A |
| **Rated voltage** | < 50 V |
| **Grounding Options** | ground contact connected to shell ground, but not to front panel and Pin 1 |

| Mechanical | |
|---|---|
| **Insertion force** | ≤ 20 N |
| **Withdrawal force** | ≤ 20 N |
| **Lifetime** | > 1000 mating cycles |
| **Wiresize** | |
| **Locking device** | Latch lock |
| **Mounting direction** | Rear mounting |
| **Chassis shape** | A |
| **Mounting** | A-Screw |


All rights reserved / 12.10.2024

NEUTRIK

## Material

| | |
|---|---|
| **Contacts** | Brass (CuZn35Pb2) |
| **Shell** | Polyamide (PA 6.6 30 % GR) |

## Environmental

| | |
|---|---|
| **Approvals** | UL |
| **Flammability** | UL 94 V-0 |
| **Standard compliance** | IEC 61076-2-103 |
| **Protection class** | IP 40 |
| **Solderability** | Complies with IEC 68-2-20 |
| **Temperature range** | -30 °C to +80 °C |


All rights reserved / 12.10.2024