

# NLT4MX

*** DISCONTINUED ***

Direct replacement / successor: NLT4MXX

4 pole male cable connector, metal housing, chuck type strain relief

The speakON STX Series was especially designed for heavy duty amplifier-loudspeaker applications like professional touring. The extremely rugged and durable STX Series features an all metal housing.

## Features & Benefits

- Current rating 40 A continuous, 50 A audio signal with 50% duty cycle
- Robust and durable all metal housing
- Sealing ring provides weatherproof IP54 rating in mated condition
- Reinforced metal quick lock system for ease and precise locking
- Extra large solder contacts for up to 6mm² (AWG10) wires
- Mate with all available speakON products


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## Technical Information

| Product | |
|---|---|
| **Title** | NLT4MX |
| **Connection Type** | speakON |
| **Gender** | male |

| Electrical | |
|---|---|
| **Contact resistance** | < 2 mΩ (after lifetime) |
| **Dielectric strength** | 4 kVdc (peak) |
| **Insulation resistance** | > 10 GΩ |
| **Rated current per contact** | 40 A rms continuous |
| **Rated current per contact** | 50 A audiosignal, duty cycle 50 % |
| **Rated voltage** | 250 V ac |
| **Attention** | speakON is NOT to be used as an AC mains or power supply connector! |

| Mechanical | |
|---|---|
| **Cable O.D.** | 9 - 16 mm |
| **Cable retention** | ≥ 220 N (subject to cable O.D. and material) |
| **Lifetime** | > 5000 mating cycles |
| **Wiresize** | 6 mm² |
| **Wiresize** | 10 AWG |
| **Wiring** | Solder contacts |
| **Locking device** | Quick Lock (latch) |


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## Material

| | |
|---|---|
| **Contact plating** | 4 µm Ag |
| **Contacts** | Spring copper |
| **Insert** | Polyamide (PA 6 30 % GR) |
| **Locking element** | Zinc diecast (ZnAl4Cu1) |
| **Shell** | Zinc diecast (ZnAl4Cu1) |
| **Strain relief** | Polyacetal (POM) |

## Environmental

| | |
|---|---|
| **Flammability** | UL 94 HB |
| **Protection class** | IP 54 (mated condition) |
| **Solderability** | Complies with IEC 68-2-20 |
| **Temperature range** | -30 °C to +80 °C |


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