



## NP2RX-AU-SILENT

2 pole right angle 1/4" professional phone plug, gold plated contacts, red coating, silent switch

The silentPLUG automatically mutes (shorts) an instrument (guitar) cable to avoid pops and squeals when changing the instrument (guitar) under load. The integrated silent switch is based on REED-technology and guarantees a lifetime beyond 1'000 mating cycles. The new PX silentPLUG features a rugged metal shell enhanced with a rubber cushion overlay for improved shock protection.

### Features & Benefits

- Avoid pops and squeals
- Lifetime beyond 1'000 mating cycles
- Sleek attractive design for convenient handling and connections
- L-D versions available which accommodates cable O.D. up to 8 mm
- Hermetically sealed switching contacts
- Slim plug with industry proven and reliable chuck type cable strain relief
- Rubber overlay on straight housing for best shock-protection and reliability

#### ATTENTION!

For use with instrument (guitar) applications only. Damage may occur if connected to amplifier output.

Please note that the signal isn't muted with some types of active electric guitars which are equipped with tip-ring-sleeve jacks that tap to activate the guitar power supply.

## Technical Information

| Product                |                 |
|------------------------|-----------------|
| <b>Title</b>           | NP2RX-AU-SILENT |
| <b>Connection Type</b> | Plug            |
| <b>Gender</b>          | male            |

| Electrical                       |                                |
|----------------------------------|--------------------------------|
| <b>Contact resistance</b>        | depends on mating connector mΩ |
| <b>Dielectric strength</b>       | 0.2 kVdc                       |
| <b>Insulation resistance</b>     | > 2 GΩ (initial)               |
| <b>Rated current per contact</b> | depends on mating connector A  |
| <b>Rated voltage</b>             | < 50 V                         |

| Mechanical        |                      |
|-------------------|----------------------|
| <b>Cable O.D.</b> | 4 - 7 mm             |
| <b>Lifetime</b>   | > 1000 mating cycles |
| <b>Wiresize</b>   | 1 mm <sup>2</sup>    |
| <b>Wiresize</b>   | 18 AWG               |
| <b>Wiring</b>     | Solder contacts      |

| Material               |  |
|------------------------|--|
| <b>Bushing</b>         | Polyacetal (POM) + PU                    |
| <b>Contact plating</b> | 0.2 µm Au                                |
| <b>Contacts</b>        | Brass (CuZn39Pb3)                        |
| <b>Insert</b>          | Polyamide (PA 6.6 30 % GR)               |
| <b>Shell</b>           | Zinc diecast (ZnAl4Cu1)                  |
| <b>Shell plating</b>   | Partly red coated, black chromium plated |
| <b>Strain relief</b>   | Polyacetal (POM)                         |

| Environmental              |                           |
|----------------------------|---------------------------|
| <b>Standard compliance</b> | IEC 60603-11 / EIA RS-453 |
| <b>Solderability</b>       | Complies with IEC 68-2-20 |
| <b>Temperature range</b>   | -20 °C to +65 °C          |