



# ZU AUDIO | ZUB3 / NL8

## ZUB3 CONNECTION AND PINOUTS VIA SPEAKON 8-POLE [NL8] CONNECTOR

ZuB3 is a cable and connection archetype that measures and performs differently than other cable formats and their connections (twisted pairs, coax, braids, ribbons...). The format and corresponding connector specification was designed by Zu Audio specifically for loudspeaker-level applications and was introduced in 2001 with Zu Audio's Druid loudspeaker and Wax loudspeaker cable. Zu loudspeakers featuring ZuB3 also use ZuB3 cable architecture inside.

### FEATURES AND BENEFITS

- ZuB3 interface maintains the electrodynamic characteristics of the speaker cable through the wall of the loudspeaker and into the loudspeaker's internal cable yielding the highest bandwidth and conductance while minimizing electrical impedance differences thus the reduction of reflections.
- The quality of contact and quantity per charge made possible by the ZuB3 and speakON NL8 connector lowers contact resistance over 5-way binding posts.
- No maintenance. The speakON connections are durable and connectors are self cleaning.
- Connect and forget it. The connection is locking and contacts are self tensioning so no accidental disconnects and no degradation of quality of contact due to temperature changes over time.
- ZuB3 ensures correct channel phase (positive to positive, negative to negative)—no more worrying about getting the correct leg of the cable to the correct terminal.
- ZuB3 interface all but eliminates the possibility of short circuit of your amplifier (most of us have done this at least once).
- Safe. ZuB3 via speakON NL8 has no exposed contacts.

NOTE: Factory termination is recommended. ZuB3 via Neutrik speakON NL8 termination convention is outlined here for reference.

Pin-outs for ZuB3 via Neutrik speakON NL8 / single channel	
LOUDSPEAKER (+)	LOUDSPEAKER (-)
speakon 1+ speakon 2- speakon 3-	speakon 1- speakon 3+ speakon 4-
unused: 2+, 4+ (may be used for Earth ground)	
Ls+ 1+ Ls+ 2- Ls+ 3-	
Ls- 1- Ls- 3+ Ls- 4-	
speakon NL8 cable-end use pozidriv #1 set/grub screws 	

