

10-Pin Stimulus Cable User Manual

External Stimulus Input Cable

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1 Document Overview

This document describes the typical use of the 10-Pin Stimulus Cable.

2 10-Pin Stimulus Cable Overview

External stimulus input cable, source and return connections for 2 stimulus channels. The 10-pin female IDC connector fits into the stimulus header on the ERP-27 or DRS-36 global reference bus cable, and provides 4 banana jacks for external connection of stimulus source and returns. This cable is 3 feet in length.

3 Glossary

DRS – Digital Reference Selector Board which is used in the Digital Lynx Acquisition System

ERP-27 – Electrode Reference Panel which is used in the Cheetah 32 Acquisition System

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4 Typical Use

The 10-Pin Stimulus cable will typically be used with both the DRS (see Figure 3 DRS Connection) and the ERP-27 (see Figure 4 ERP-27 Connection). The two differential stimulation lines for all Neuralynx Acquisition have the same pin outs (see Figure 1) on the Digital Lynx and ERP-27. Figure 1 10 Pin Stimulus Input Pin Out (on Digital Lynx and ERP-27).

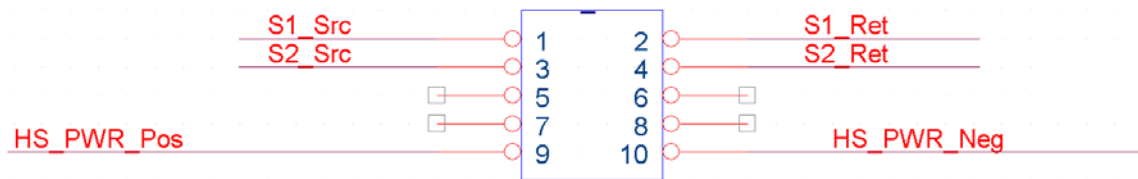


Figure 1 10 Pin Stimulus Input Pin Out (on Digital Lynx and ERP-27)

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Figure 2 Complete Connection to Digital Lynx



Figure 3 DRS Connection

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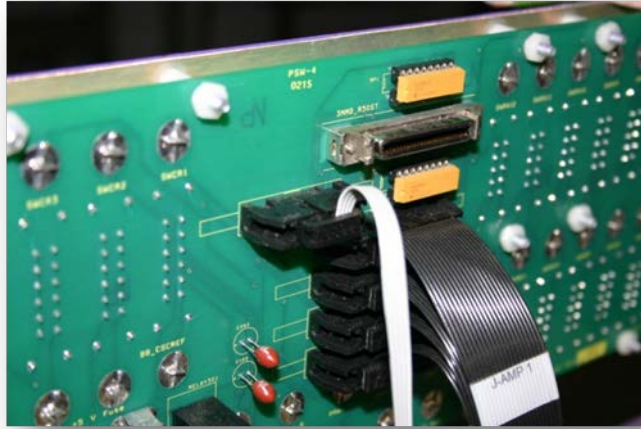


Figure 4 ERP-27 Connection

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