



# **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.

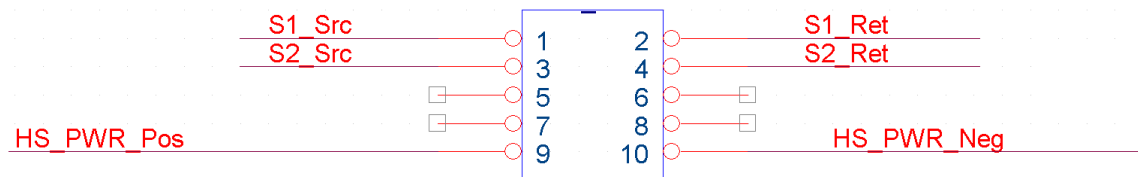
## **3 Glossary**

*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

## 4 Typical Use

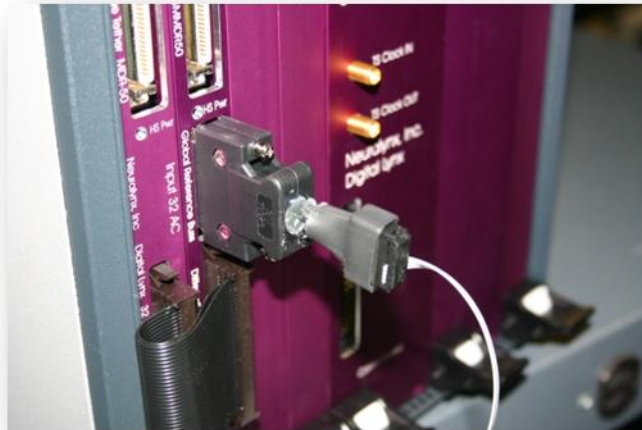
The 10-Pin Stimulus cable will typically be used with both the DRS (see Figure 3 DRS Connection) and the ERP-27 (see Figure 4 ERP-27 Connection). The two differential stimulation lines for all Neuralynx Acquisition have the same pin outs (see Figure 1) on the Digital Lynx and ERP-27.



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



**Figure 2 Complete Connection to Digital Lynx**



**Figure 3 DRS Connection**



**Figure 4 ERP-27 Connection**