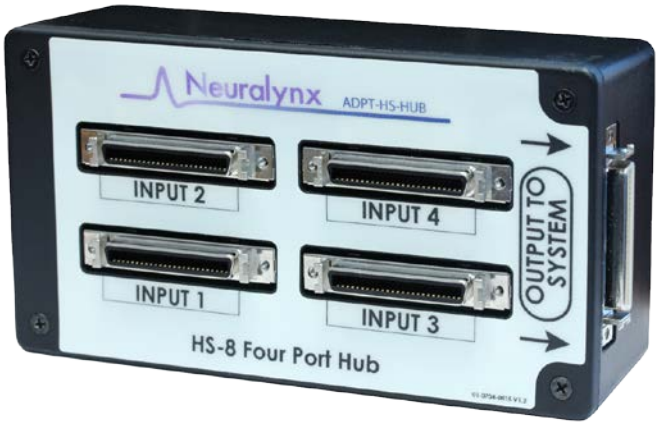
ADPT-HS-HUB

NeuraLynx
The Complete Solution for Electrophysiology Research



The ADPT-HS-HUB is an adapter that allows up to 4 HS-8s to interface with a single MDR-50 input connector on the Digital Lynx Data Acquisition System or Cheetah 32 Data Acquisition System.

Headstage 8 Connection

Up to 4 HS-8s can connect directly to the Input Connectors labeled **Input 1**, **Input 2**, **Input 3**, and **Input 4**. Refer to the Channel Mapping Table to see how these are routed to the Output Connector.

Digital Lynx Connection

The ADPT-HS-HUB connects to the Data Acquisition System through the Output Connector labeled **OUTPUT TO SYSTEM** using a single TETH-XTN-MM (sold separately).

Size (Diameter)	6.00” x 3.25” x 2.00”
Signals	32 signals, 4 references, 1 gnd
Connection	Female MDR-50
Weight	480 grams

Channel Mapping

Input Connections		Output Connection
Input 1	AD Channel 0	AD Channel 0
	AD Channel 1	AD Channel 1
	AD Channel 2	AD Channel 2
	AD Channel 3	AD Channel 3
	AD Channel 4	AD Channel 4
	AD Channel 5	AD Channel 5
	AD Channel 6	AD Channel 6
	AD Channel 7	AD Channel 7
	Animal Ground	HS 1 Reference 1
Input 2	AD Channel 0	AD Channel 8
	AD Channel 1	AD Channel 9
	AD Channel 2	AD Channel 10
	AD Channel 3	AD Channel 11
	AD Channel 4	AD Channel 12
	AD Channel 5	AD Channel 13
	AD Channel 6	AD Channel 14
	AD Channel 7	AD Channel 15
	Animal Ground	HS 1 Reference 2
Input 3	AD Channel 0	AD Channel 16
	AD Channel 1	AD Channel 17
	AD Channel 2	AD Channel 18
	AD Channel 3	AD Channel 19
	AD Channel 4	AD Channel 20
	AD Channel 5	AD Channel 21
	AD Channel 6	AD Channel 22
	AD Channel 7	AD Channel 23
	Animal Ground	HS 1 Reference 3
Input 4	AD Channel 0	AD Channel 24
	AD Channel 1	AD Channel 25
	AD Channel 2	AD Channel 26
	AD Channel 3	AD Channel 27
	AD Channel 4	AD Channel 28
	AD Channel 5	AD Channel 29
	AD Channel 6	AD Channel 30
	AD Channel 7	AD Channel 31
	Animal Ground	HS 1 Reference 4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