

The Electrode Interface Board EIB-16-QC-H is primarily designed for use with the Harlan 4 microdrive. Its unique lightweight design allows for direct access to all drive screws. This EIB is mounted to the Harlan Drive and provides the electronic signal connection between electrode wires and a 16 channel Neuralynx Headstage Pre-amplifiers (HS-16-QC). The EIB-16-QC-H also provides mechanical connection between microdrive hardware and the HS-16-QC.

The EIB-16-QC-H does not contain any active electronics, and can pass signals in either direction. The HS-16-QC will define the signal direction via its buffer amplifiers.

**HS-16-QC Connection**

The HS-16-QC will only mount to the EIB-16-QC-H in one direction. Align the “QC” logo on both the HS and EIB for easy connection. Please see the connection method white paper at [neuralynx.com/qc](http://neuralynx.com/qc) for more information.

**EIB-16-QC-H Mounting**

The EIB-16-QC-H is designed for mounting on a microdrive. Use the screw slots to mount the EIB-16-QC-H securely to a microdrive.

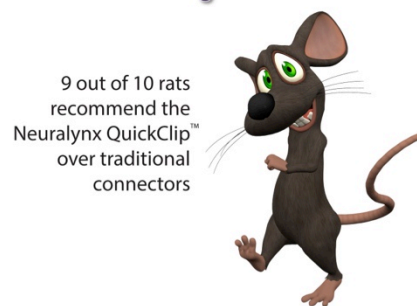
**Electrode Connection**

Electrode wires are inserted from the bottom or top of the board. Insulation does not need to be removed from the wire if using Neuralynx EIB Pins. See the Electrode Attachment Guide for more information on using EIB Pins.

**EIB Reuse**

Reuse of the EIB-16-QC-H is possible, but not recommended. If reuse of the EIB-16-QC-H is required, please contact Neuralynx for assistance~[sales@neuralynx.com](mailto:sales@neuralynx.com)

Size (L x W)	15 mm x 10 mm
Signals	16 signals, 2 ref, 2 ground connections
Connection	QuickClip™
Weight	0.4 grams
Mounting	2 slots for the Harlan 4 Drive
EIB Pins	Small Gold Pins



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**Signatures**

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