

Blackrock 16-Ch Omnetics Headstage Cable Instructions for Use

PN 7823



Blackrock Microsystems, LLC

630 Komas Dr., Suite 200

Salt Lake City, UT 84108

Tel: (866) 806-3692

www.blackrockmicro.com

Blackrock 16-Ch Omnetics Headstage Cable – Instructions for Use

1 Hardware

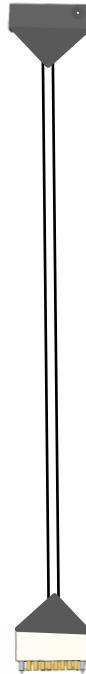
1.1 Blackrock 16-Ch Omnetics Headstage Cable Pin-Out

The 16-Ch Omnetics Headstage Cable provides an interface between Blackrock's 16-Ch United Scientific Headstage and CHA 16x2 board for connection to the Front-End Amplifier. A pin-out of this cable is provided in the figure below. Pin-outs are viewed looking into the connector.

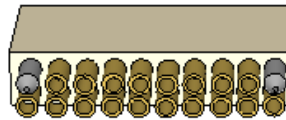
V- V+ GND Ch16 Ch14 Ch12 Ch10 Ch8 Ch6 Ch4 Ch2



V- V+ REF Ch15 Ch13 Ch11 Ch9 Ch7 Ch5 Ch3 Ch1



GP REF Ch1 Ch3 Ch5 Ch7 Ch9 Ch11 Ch13 Ch15 GND GP



V+ REF Ch2 Ch4 Ch6 Ch8 Ch10 Ch12 Ch14 Ch16 GND V-

Figure 1: 16-Ch Omnetics Headstage Cable

* GP = Guide Pin, REF = Reference, GND = Ground, V+ = Positive Supply Voltage, V- = Negative Supply Voltage, NC = Not Connected

*Pin 1 on the adapter is marked with a white dot

Blackrock 16-Ch Omnetics Headstage Cable – Instructions for Use

2 Warnings

- The 16-Ch Omnetics Headstage Cable is intended for animal research applications only and should not be used in a clinical setting.

3 Warranty

Blackrock Microsystems, LLC warrants that its products are free from defects in materials and manufacturing for a period of one year from the date of shipment. Blackrock will, at its option, repair or replace any product that does not comply with this warranty. This warranty is voided by:

1. Any modification or attempted modification to the product done by anyone other than an authorized Blackrock employee
2. Any abuse, negligent handling or misapplication of the product.

This constitutes the sole warranty made by Blackrock, LLC. There are no other warranties, expressed or implied, which extend beyond those described herein or to anyone other than the original purchaser, including the implied warranties of merchantability and fitness for a particular purpose. In no event shall Blackrock Microsystems, LLC be liable for any incidental or consequential damages, or for the infringement of any patent rights or third party rights due to the use of its products.

3.1 Return Merchandise Authorization (RMA)

In the unlikely event that your adaptor needs to be returned to Blackrock for repair or maintenance, do not send any equipment back without a Return Merchandise Authorization Number. An RMA number will be issued to you by a Blackrock representative. If you need to obtain an RMA number, you may contact a product support representative at (801) 582-5533 or toll free at (866) 806-3692.

Once an RMA number has been issued, it is important to safely pack the returned item for shipping back to Blackrock. It is preferred that you save the original boxes and packing materials that your system arrived in for return shipment. Please address the package as follows:

Blackrock Microsystems, LLC
ATTN: RMA#
630 Komas Dr., Suite 200
Salt Lake City, UT 84108 USA
Tel: (801) 582-5533