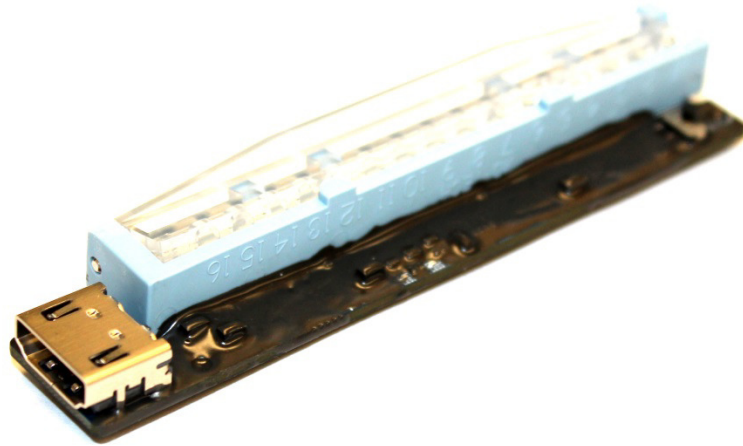


Blackrock CerePlex-I Cabrio Adapter

PN-8855



**CAUTION--Investigational device. Limited by
Federal (or United States) law to
investigational use.**

Blackrock Microsystems, LLC

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1 Introduction

The CerePlex-I Cabrio Adapter provides an interface between Blackrock's Neuroport Neural Signal Processor (NSP) and Blackrock CerePlex-I Assembly.

	IEC60101-0102	Danger of Electrostatic Discharge (ESD)
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- In order to reduce the likelihood of ESD, use antistatic or electrostatic discharge (ESD) safe gloves when connecting the Adapter.

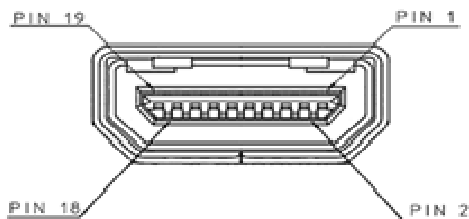
2 Hardware

2.1 PN-8855 CerePlex-I Cabrio Adapter

Adtech 16-pins connector



Impedance Mode
(White dot)



HDMI Connector

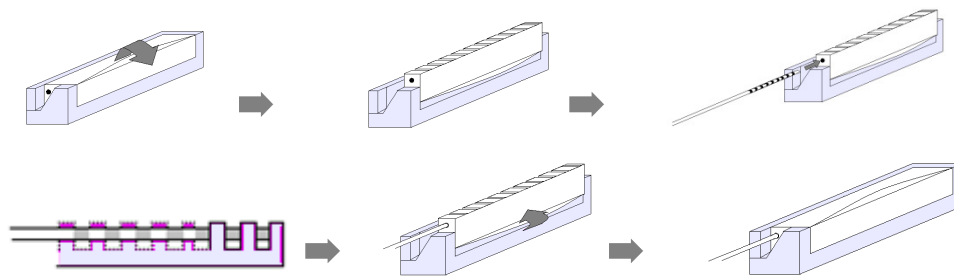
HDMI/D Pin #	Description
10	Clock+
12	Clock-
14	Fast Settle
17	V-
19	Ground
18	V+
7	Data+
9	Data-

HDMI Connector Pinout

Adtech Connector	Signals
1,09	Impedance
2,10	Fast Settle
3,11	Clock +
4,12	Clock -
5,13	GND
6,14	Data +
7,15	Data -
8,16	V+

Adtech Connector Pinout

2.2 Connect the Pigtail to the Cabrio Connector



After the pigtail is inserted, make sure the contacts on the pigtail are correctly placed in-between the intervals on the connector

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, 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 adapter 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 +1 (801) 582-5533.

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 Drive, Suite 200
Salt Lake City, UT 84108 USA
Tel: +1 (801) 582-5533