README: B3000-B-OMUX Firmware Version R9.9e

July 19, 2018
Revised July 14, 2020

This readme provides release information for the B3000-B-OMUX, a serial brain designed as a drop-in replacement for a B3000 brain that uses the Optomux protocol.

Background

The obsolete serial B3000 brain could use either the *mistic* or Optomux protocol, with the choice determined by a jumper. If jumpered for Optomux, the B3000-B-OMUX is the drop-in replacement. (If jumpered for *mistic*, use the B3000-B instead.)

The B3000-B-OMUX and the B3000-B are the same hardware but contain different firmware. Both brains show B3000-B on the front panel; the B3000-B-OMUX also has a sticker on the side indicating its part number.

Supported Commands and Modules

The B3000-B-OMUX brain supports all Optomux commands.

The brain supports the following modules:

SNAP Digital Modules:
All 4-channel digital modules

SNAP Analog Modules:
SNAP-AIARMS
SNAP-AIARMS-i
SNAP-AICTD
SNAP-AIMA
SNAP-AIMA-I
SNAP-AIMA2-i
SNAP-AIMA-iSRC
SNAP-AIPM
SNAP-AIRATE
SNAP-AIRTD
SNAP-AITM
SNAP-AITM-i
SNAP-AITM-2
SNAP-AIV
SNAP-AIV-i
SNAP-AIV2-i
SNAP-AIVRMS
SNAP-AIVRMS-i
SNAP-AOA-3
SNAP-AOA-23
SNAP-AOA-28
SNAP-AOD-29
SNAP-AOV-5
SNAP-AOV-25
SNAP-AOV-27
SNAP-pH/ORP

SPECIAL NOTES

KB Numbers

    A number with the prefix "KB" (for example, KB49909) refers to a Knowledge Base article published by Opto 22. KB articles provide additional information about a feature or bug. To find a particular KB article, click the hyperlink in this document, or go to our website, http://www.opto22.com, and in the Search box, type **KB** and the KB article number. Note that if a number doesn't have "KB" as its prefix, an article wasn't available on our website when this readme was published.

Version R9.9e
July 19, 2018

Enhancements

New flash chip firmware.

Version R9.9d
August 17, 2012

Fixed Bugs

Fixed issue with command J.

Version R9.9c
April 19, 2012

Upgraded command "l" (lower case L).

Version R9.9a
March 14, 2012

Fixed Bugs

Fixed issue with command k.

Version R7.0

July 28, 2010

Initial release with support for a limited number of Optomux commands.

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How to Get Help

If you have any questions about the B3000-B-OMUX, you can contact Opto 22 Product Support. Hours are Monday through Friday, 7 a.m. to 5 p.m. Pacific Time.

Phone: 800-TEK-OPTO (800-835-6786) or 951-695-3080

Email: support@opto22.com

Online contact form: www.opto22.com/support/contact-us

Opto 22 website: www.opto22.com

When calling for technical support, be prepared to provide the following information about your system to the Product Support engineer:
- A description of your system equipment, including computer CPU type, speed, memory, and operating system
- A description of your setup and configuration, including I/O and communications
- Specific error messages or other diagnostic indications