**Manuals+** — User Manuals Simplified.



# 4O3A CAT2BCD RS232-CI-V to BCD Decoder Instructions

**Contents**

**4O3A CAT2BCD RS232-CI-V to BCD Decoder**



## Product Information

- **Product Name:** CAT2BCD
- **Description:** RS232/CI-V to BCD decoder
- **Revision:** 1

- **Date:** 25-Jan-23
- **Function:** This interface converts frequency data from a RS232 CAT or CI-V to a BCD output. The BCD output can be used to control Antenna Genius or any other BCD compatible device.

**Hardware**

1. **The Rear Panel**

   Connect the CAT2BCD interface to Genius, amplifiers, etc. Refer to photo 1 for PIN layout.
2. **The BCD OUT Pin Layout (connector 7, DB9 female):**
3. **The Front Panel:**

**Software**
Use the Windows Application to configure the device. Follow these steps:

1. Connect the CAT2BCD interface to your PC via USB.
2. Open the Windows Application.
3. Click on the "Connect" button.
4. Configure the CAT/CI-V settings according to your requirements.
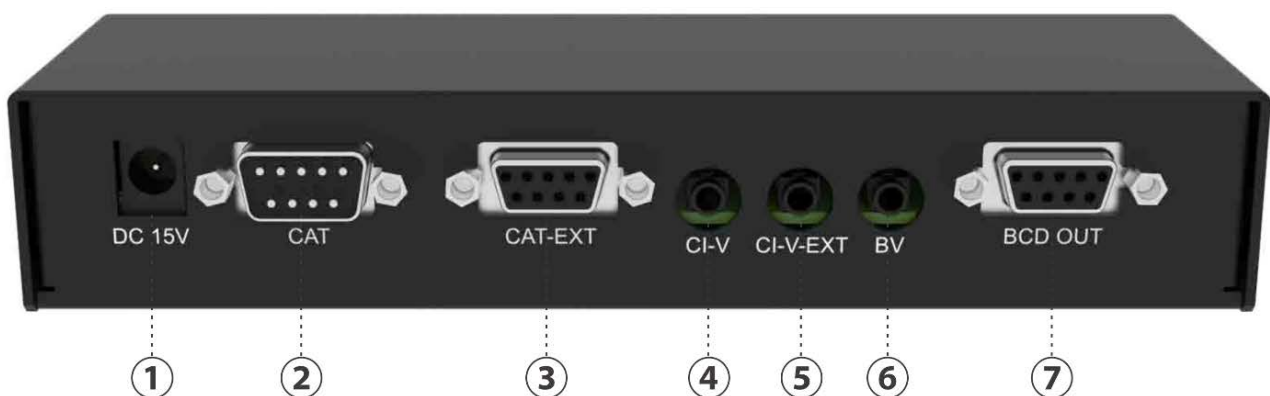5. Verify the radio band data input.

You can download the latest version of the Windows Application from the 4O3A.com downloads page:
**https://4o3a.com/support/downloads**

This interface converts frequency data from a RS232 CAT or CI-V to a BCD output. The BCD output can be used to control Antenna Genius or any other BCD compatable device.

## Hardware

**The Rear Panel**



1. DC connector – to the external power supply, 15V DC/500mA
2. RS232 input connector – DB9 male, used to connect to your transceivers CAT output
3. RS232 output connector – DB9 female, used to connect any other device which need RS232 CAT data, like USB interface, amplifier etc
4. CI-V input connector – 3.5mm stereo, used to connect your ICOM transceivers CI-V output
5. CI-V output connector – 3.5mm stereo, used to connect any other device which need CI-V data, like USB

interface, amplifier etc

6. Icon voltage control band input connector – 2.5mm mono, used to connect your older ICOM transceivers band data output

7. BCD output connector – DB9 female, used to control perishes with BCD data, like Antenna Genius, amplifiers etc (check PIN layout on photo 1)

**The BCD OUT Pin Layout (connector 7, DB9 female):**
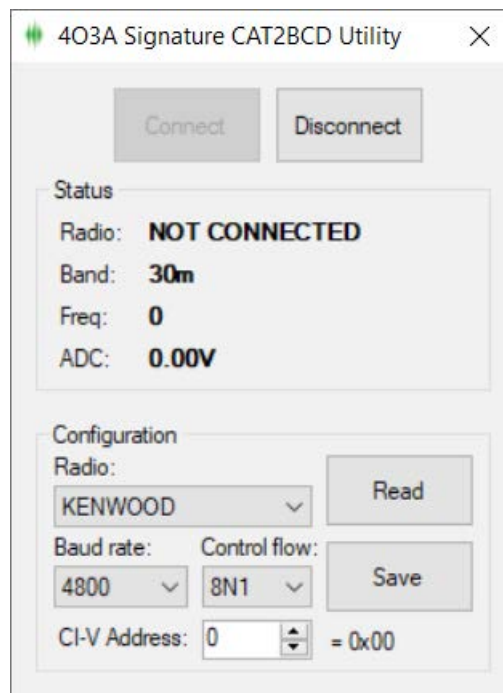


The Front Panel:



8. Four BDC LEDs, showing you the current BCD output status

9. USB connector – for communication with PC

10. CAT LED – status of CAT

11. BV LED – Showing status of BV Band data

12. ON LED – showing power supply status

## Software

- Use the Windows Application for configuring the device.
- Once you connect the device to your PC via USB all you need to do is click connect.
- The device allows you to configure the CAT/CI-V as well as verify the radio band data input.
- You can find the latest version on the 4O3A.com downloads page: **https://4o3a.com/support/downloads**

**Revision 1, 25-Jan-23**

## Documents / Resources



[**4O3A CAT2BCD RS232-CI-V to BCD Decoder**](#) [pdf] Instructions
CAT2BCD RS232-CI-V to BCD Decoder, CAT2BCD, RS232-CI-V to BCD Decoder, BCD Decoder, Decoder

## References

- 〰 [**4O3A Signature - Home**](#)
- 〰 [**4O3A Signature | Software, Firmware and Manuals**](#)