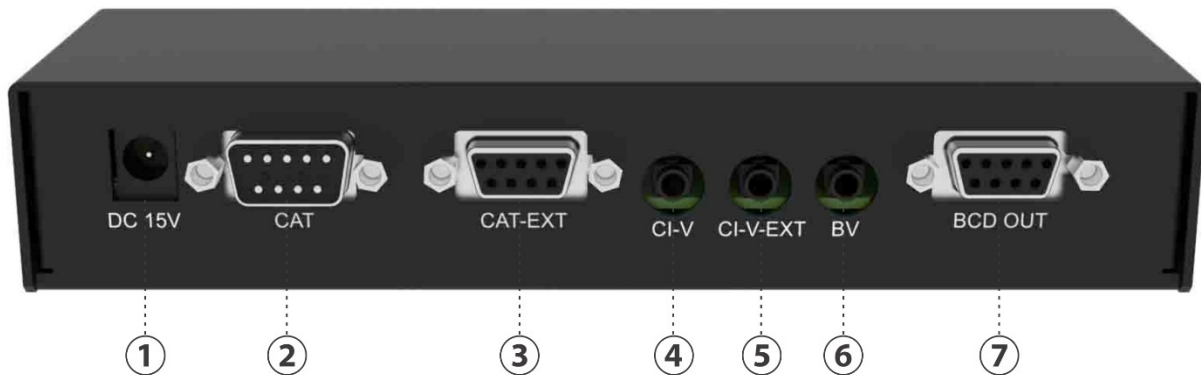


This interface converts frequency data from a RS232 CAT or CI-V to a BCD output. The BCD output can be used to control Antenna Genius or any other BCD compatible device.

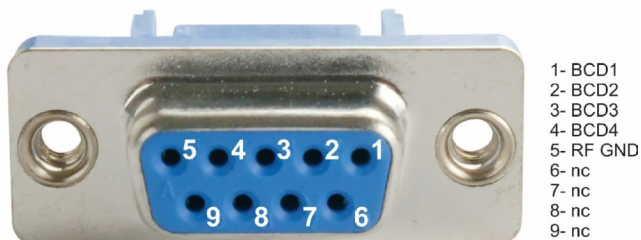
### 1. Hardware

#### 1.1 The Rear Panel

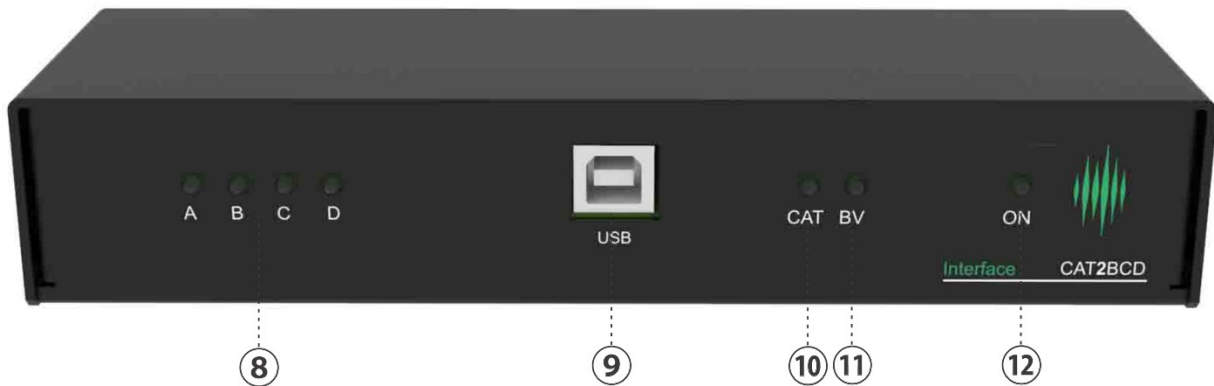


1. **DC connector** – to the external power supply, 15V DC/500mA
2. **RS232 input connector** – DB9 male, used to connect to your transceivers CAT output
3. **RS232 output connector** – DB9 female, used to connect any other device which need RS232 CAT data, like USB interface, amplifier etc
4. **CI-V 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. **Icom 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 peripherals with BCD data, like Antenna Genius, amplifiers etc (check PIN layout on photo 1)

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



### 1.3 The Front Panel:



8. **Four BCD 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

## 2. Software

Use the **Winows Applicaton** 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 403A.com downloads page:

<https://4o3a.com/support/downloads>

Important note:

The CI-V address is typed in decimal format, you can see the hexadecimal value on the right of the input box.

