B2BCD Firmware Update Guide

Download the latest B2BCD utility found on the website, under Other Devices – B2BCD: <u>https://4o3a.com/support/downloads</u>



Install the application, connect your B2BCD to your PC via USB and connect using the B2BCD Utility.

🊸 403A	Signature Ban	d2BCD Utility	\times
	Connect	Disconnect	
Status			
Radio:	NOT CON	NECTED	
Band:	0		
Freq:	0		
ADC:	0.00V		
Configu Radio: ICOM Baud ra 19200 CI-V A CI-V A	ate: Control V 8N1 ddress: 98 able ADC	✓ flow: ✓ Read	

In order to upgrade the firmware on the device you need to enter the bootloader mode. While focusing the utility, hold **Ctrl + Alt + B**. Confirm entering the bootloader mode.

	🚸 403A Signature Band2BCD Utility 🛛 🗙	
	Connect Disconnect	
	Status	
Bo	otloader ×	ζ
	? Confirm you want to enter bootloader?	
	<u>Y</u> es <u>N</u> o	
	Baud rate: Control flow:	
	4800 \checkmark 8N1 \checkmark Save	

Right click on your CAT2BCD icon and select **Open File Location**.

- Z Ba		Open
		Open file location
		Add to archive
		Add to "Band2BCD.rar"
		Compress and email
		Compress to "Band2BCD.rar" and email
	•	Run as administrator
	S	Share with Skype
		Edit with Notepad++
		Troubleshoot compatibility
		Pin to Start
		7-Zip >
	Ð	Scan with Microsoft Defender
		Pin to taskbar
		Restore previous versions
		Send to
		Cut
		Сору
		Create shortcut
		Delete
		Rename
		Properties

In the same folder where the B2BCD Utility is installed you will find CAT2BCD_USBBootloader.zip

_ ☑ _ =	Extract	Band2BCD			×
File Home Share	View Compressed Folder Tools				~ 🕐
← → · ↑ 🔤 « 403A Si	gnature > Band2BCD	✓ Ö Search B	and2BCD		م ر
 Autor A (403A Si) Quick access Desktop Downloads Downloads Documents Pictures 8 x AB Band2BCD ScrSht To SL OneDrive This PC	gnature → Band2BCD ame Band2BCD Band2BCD_USBBootloader band2bcd_v1_4_0.hex unins000.dat ∽ unins000 unins000.msg	▼ 0 Search Bi Date modified 18.3.2024, 09:56 24.11.2023, 12:08 18.3.2024, 09:55 19.3.2024, 14:20 19.3.2024, 14:20 19.3.2024, 14:20 19.3.2024, 14:20 19.3.2024, 14:20	Type Application zip Archive HEX File DAT File Application MSG File	Size 748 KB 15.331 KB 34 KB 12 KB 3.133 KB 24 KB	٩
 Metwork 6 items 1 item selected 14,9 M 	ИВ				

Extract this zip and run the HIDBootloader.exe

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File Home Share	View Compresse	d Folder Tools					~ 🕐
$\leftarrow \rightarrow \land \uparrow $ « 40)3A Signature → Band2BCl	D	ٽ ~	Search Ban	d2BCD		Q
🖈 Quick access	Name 🔴 Band2BCD	^	Date modifier 18.3.2024. 09:	d 56	Type Application	Size 748 KB	
Desktop Desktop Downloads Downloads Documents Documents Sr Pictures SrSht TG XL OneDrive This PC Network	Image: Second state st	en are with Skype it with Notepad++ Zip an with Microsoft are with WinRAR tract files kast Hore tract to "Band2BCI store previous vers nd to t t py eate shortcut lete name pretries	Defender D_USBBootloader\" sions	> >	zip Archive HEX File DAT File Application MSG File	15.331 KB 34 KB 12 KB 3.133 KB 24 KB	
6 items 1 item selected	14,9 MB						

This will create a new folder:

📙 🛛 🚽 📕 🖛 🗐 Band2B	CD			-	o x
File Home Sha	re View				~ 🕐
	103A Signature > Band2BCD	マ ひ Search E	Band2BCD		م
🛨 Quick access	Name	Date modified	Туре	Size	
	Band2BCD_USBBootloader	2.4.2024. 14:30	File folder		
Desktop	Band2BCD	18.3.2024. 09:56	Application	748 KB	
Downloads	Band2BCD_USBBootloader	24.11.2023. 12:08	zip Archive	15.331 KB	
Documents 刘	band2bcd_v1_4_0.hex	18.3.2024. 09:55	HEX File	34 KB	
Fictures 🕫	unins000.dat	19.3.2024. 14:20	DAT File	12 KB	
8 x AB	unins000	19.3.2024. 14:20	Application	3.133 KB	
Band2BCD	unins000.msg	19.3.2024. 14:20	MSG File	24 KB	
ScrSht					
📙 TG XL					
len OneDrive					
💻 This PC					
Petwork					
7 items 1 item selected	1				

Run HIDBootloader.exe:

m Files (x86) > 403A Signature > Ba	and2BCD > Band2BCD_USBBo	otloader	~ Ū
Name	Date modified	Туре	Size
platforms	8.4.2021. 11:24	File folder	
D3DCompiler_43.dll	7.11.2018. 21:02	Application exten	2.057 KB
HIDBootloader	7.11.2018. 21:02	Application	136 KB
🗟 icudt49.dll	7.11.2018. 21:02	Application exten	17.604 KB
🗟 icuin49.dll	7.11.2018. 21:02	Application exten	3.018 KB
🗟 icuuc49.dll	7.11.2018. 21:02	Application exten	1.767 KB
🗟 libEGL.dll	7.11.2018. 21:02	Application exten	97 KB
🗟 libgcc_s_sjlj-1.dll	7.11.2018. 21:02	Application exten	113 KB
ibGLESv2.dll	7.11.2018. 21:02	Application exten	946 KB
🗟 libstdc++-6.dll	7.11.2018. 21:02	Application exten	875 KB
libwinpthread-1.dll	7.11.2018. 21:02	Application exten	67 KB
Qt5Core.dll	7.11.2018. 21:02	Application exten	4.180 KB
🗟 Qt5Gui.dll	7.11.2018. 21:02	Application exten	3.412 KB
🗟 Qt5Widgets.dll	7.11.2018. 21:02	Application exten	5.089 KB

Click on the **Open Firmware Image** button and load the new firmware image. The version of the firmware must match your app version, in this case **cat2bcd_v1_4_0.hex**

The default file path is C:\Program Files (x86)\4O3A Signature\Band2BCD

USB Bootloader v2.15	_		×
File Program Help			
🚅 🖙 단			
Import Firmware Image			
			_
Device Attached. Connecting Device Ready (0s)			
		Connec	ted

Open Hex File								×
← → ✓ ↑ → This PC → Local Disk (C:) → Program Files (x86) → 403A Signature → Band2BCD √						Search Band2BCD		Q
Organize 👻 Ne	w folder					8== ▼		?
- Ouisk sesses		Name	Date modified	Туре	Size			
		Band2BCD_USBBootloader	21.3.2024. 07:59	File folder				
Desktop	7	band2bcd_v1_4_0.hex	18.3.2024. 09:55	HEX File		34 KB		
	7							
Documents Dictures								
	~							
BACKUP - 202	24-04-1							
ScrSht	-4-04-							
TG YI								
OneDrive								
This PC								
Arrow Network								
-								
								_
	File nan	ne: band2bcd_v1_4_0.hex			~	Hex Files (*.hex *.ehx)		\sim
						Open (Cancel	
								:

Click the **Erase/Program/Verify Device** and wait for the process to end.

USB Bootloader v2.15		\times
<u>File</u> rogram <u>H</u> elp		
🖆 📭 H		
Connecting Device Ready (0s) Opened: band2bcd_v1_4_0.hex		
	Conne	ected _:

After installing the new firmware, **power cycle the device by unplugging and plugging in the power connector**.

