



START HERE

BTECH DA-7X2 V1.05 package - choose one firmware path and update safely

Your update route

1. Read 01_RELEASE_NOTES and 02_QUICK_UPDATE_CHECKLIST.
2. With the currently working BTECH CPS, read the radio and save a codeplug backup. Close and reopen it, then store a second copy elsewhere.
3. Install CPS V1.05d from 03_CPS_V1.05d.
4. Choose one firmware folder: Standard for normal DMR/analog use, or NXDN when you intentionally use NXDN.
5. Follow the Firmware Update Guide. Reset with PTT + PF1, restore the codeplug, and read the radio back.
6. Verify V1.05d2, your channels and settings, and authorized low-power transmit/receive operation.

Choose exactly one firmware folder

Choose	When to use it	Folder
Standard - recommended	Your DA-7X2 does not intentionally use NXDN	04_FIRMWARE_STANDARD_RECOMMENDED
NXDN	Your DA-7X2 is intentionally configured for NXDN	05_FIRMWARE_NXDN

Do not combine the two triplets: The two folders contain identically named .spi, .CDI, and .CDD files. Keep each triplet together and select only the .spi file inside the folder you chose.

Version guide

Component	Target version	Customer action
Standard firmware	V1.05d2	Recommended for DMR and analog
NXDN firmware	V1.05d2	Use when NXDN is intentionally configured
CPS	V1.05d	Install after making the backup
Icon	V1.01	No update required
NR board	V112	Update only when needed
Baseband	V3_01_01A6	No update required
Bluetooth	10024	No update required

Package map

Folder / file	Purpose
00-02 root documents	Start Here, Release Notes, and the one-page checklist
03_CPS_V1.05d	BTECH CPS installer
04_FIRMWARE_STANDARD_RECOMMENDED	Complete Standard V1.05d2 triplet
05_FIRMWARE_NXDN	Complete NXDN V1.05d2 triplet
06_NR_BOARD_V112_CONDITIONAL	NR V112 recovery files and dedicated guide
07_USB_DRIVERS_FALLBACK	Conditional 64-bit Windows USB driver
08_GUIDES	Update, setup, repeater, feature, programming, APRS, Bluetooth, and recovery guides

After the update

- Confirm the main firmware and component versions in Device Info.
- Verify channels, zones, contacts, scan lists, GPS/APRS settings, Bluetooth, and NR behavior.
- Perform a local low-power transmit and receive test.
- For MMDVM hotspots that miss the first push-to-talk attempts, set TXHang to 10 in WPSD or Pi-Star.

Support: If a file, version, key combination, or screen does not match the guide, stop before writing. Visit baofengtech.com/support/ or email support@baofengtech.com.