



DA-7X2 Initial Setup

Restore VFO mode and reveal the radio's installed features

What this setup restores: Switch from Professional to Amateur Work Mode to reveal VFO mode and the normal amateur-user menus. You can also show the CPS pages for installed GPS, APRS, Bluetooth, and related features. These settings reveal supported functions; they do not add hardware or change the radio's band limits.

CPS screen version: The pictured controls were verified in BTECH CPS V1.05d. A later DA-7X2 CPS may use equivalent labels or move a setting.

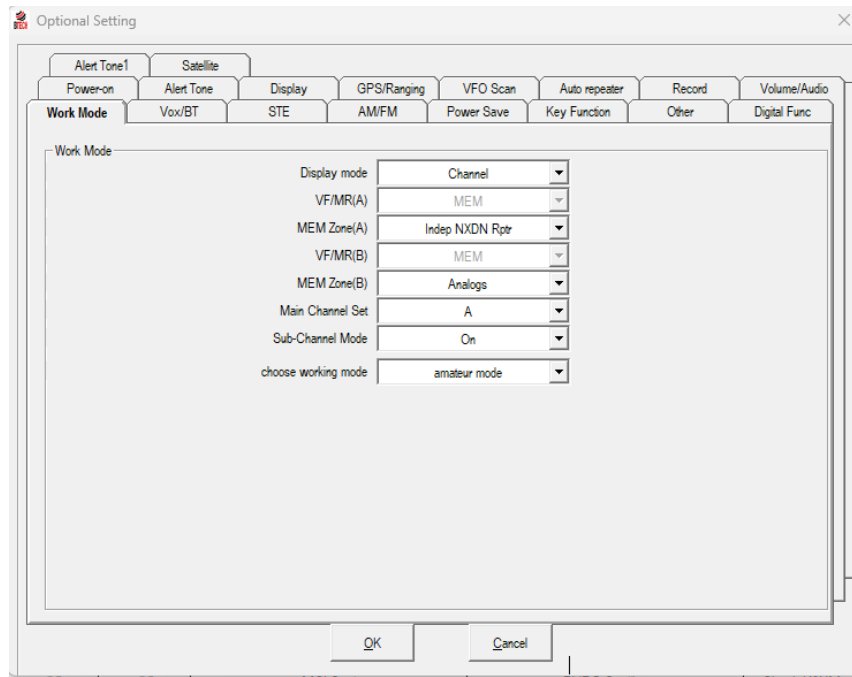
Before changing settings

1. Install and open the current BTECH CPS for the DA-7X2, connect the radio, and select its COM port.
2. Choose Program > Read From Radio. Save the untouched read as DA-7X2_SETUP_BACKUP_YYYY-MM-DD.rdt.
3. Use Save As to create a working copy. Make the following changes only in that copy.

Do not start from a blank file: Reading the radio first preserves its model, band, feature, and hardware settings. Do not use another model's codeplug or change the frequency-band identity.

1. Switch to Amateur Work Mode

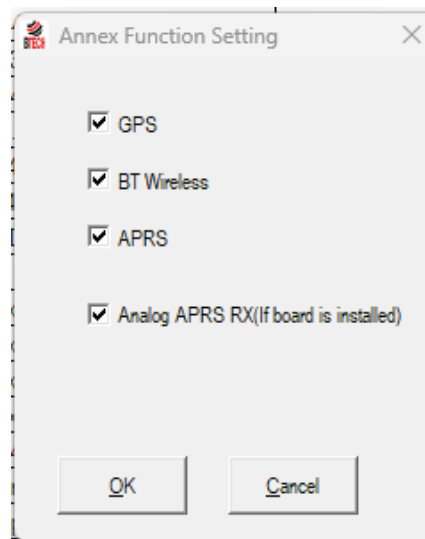
1. In CPS, open Common Settings > Optional Settings.
2. Select the Work Mode page.
3. Set Working Mode to Amateur Mode.
4. Leave the other work-mode values unchanged unless you have a specific system requirement.



Set Working Mode to Amateur Mode to restore VFO and the normal amateur-user menu set.

2. Enable the installed functions

1. Open Tool > Options.
2. Enable the functions that are installed and used on this radio: GPS, BT Wireless, APRS, and Analog APRS RX as applicable.
3. Select OK. The corresponding CPS sections should now appear in the navigation tree.



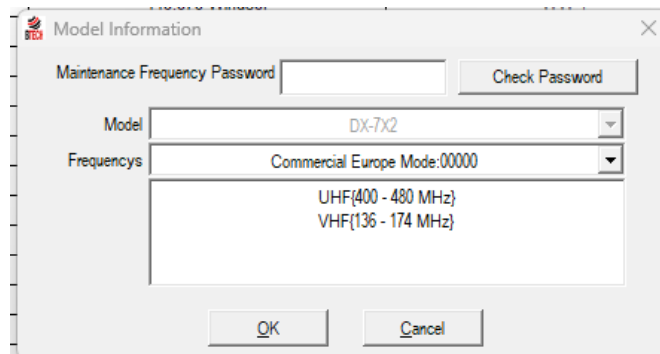
Tool > Options controls which installed feature pages are shown in CPS.

Feature boxes do not add hardware: Enable only functions supported by the radio. Selecting an option exposes its CPS controls; it does not install a missing hardware module.

3. Confirm the model and write the setup

1. Open Model > Model Information and confirm the model and VHF/UHF ranges match the radio. A U.S. DA-7X2 normally reports VHF 136-174 MHz and UHF 400-480 MHz.

2. Do not change Commercial Europe Mode, the model, or the band ranges to expose additional frequencies.
3. Choose Program > Write To Radio and write the reviewed working copy.
4. Power-cycle the radio, confirm VFO and the expected menus are present, then read the radio back and save the result.



Use Model Information as a check only. Do not change the radio's model or frequency-band identity.

If menus are still missing: Read the radio back and confirm Amateur Mode and Tool > Options remained selected. If they did not, preserve both files and contact BTECH Support with a screenshot of the Work Mode and Options pages.