Registering & Updating your DX6R

There are two separate updates that can be applied to the DX6R radio. There is the Channel Processor (CP) Firmware and the RaceWare Android application.
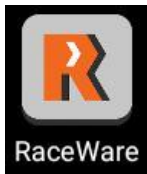
You must first register the DX6R before you can download the CP Firmware or RaceWare updates. To register your radio visit www.SpektrumRC.com/myaccount

NOTE: In order to register your DX6R you will need to locate the serial # of your transmitter using the below instructions:

Locating your serial

Open the Raceware APP:

1. Turn on the transmitter by holding power button for 2 seconds and releasing
2. Press circle that has 6 dots in it (APP Drawer)
3. The Raceware app will be on that page or by swiping right to the next page

> Tip: Press and hold on RaceWare APP icon and it allows you to drag a shortcut to anywhere you want.

Where to find serial number:

1. Open Raceware APP
2. Swipe right 2x to get to Setup screen (Swipe 3x if you have a model setup with telemetry)
3. Scroll up and click on APP Settings
4. Scroll up and to locate your serial #

> Tip: If the serial # is too small to read, you can download and install the Serial # Viewer application using the following steps;

Step 1: Download APK file to micro SD card using the following link;

http://spektrumrc.cachefly.net/…/wSz576…/dx6r/DX6RSerial.apk

Step 2: Insert SD card into DX6R (Unit does not have to be powered off)

Step 3: Open the ES File Explorer App

Step 4: Click on 'sdcard' and select 'extsd' (external SD card)

Step 5: Open DX6RSerial.apk and install app (apk)

Step6: Open DX6R Serial App to view serial #

Once you registered your transmitter, you can now update the CP Firmware and the RaceWare application:

To update the CP Firmware:

Option 1: Downloading using the radio

1. Close the RaceWare app by opening the recent apps list and pressing the X or swiping app off of screen.
2. Download from the DX6R Radio (Requires network connectivity)
   a. Log into your My Spektrum account
   b. Locate the DX6R in the "My Products" section and click on "Download Updates"
   c. Scroll to the bottom and click on the orange "Download" button
   d. Note: When completed, the downloaded file will be located at /storage/emulated/0/Download/
3. Disable WIFI
4. Reboot radio by holding power button down for 2 seconds and selecting reboot
5. Open the Updater app.

6. Press the "Choose Update File" button
7. Navigate to the sax file you downloaded by scrolling down to "Download" folder. Folder location is; /storage/emulated/0/Download/SPMTX.sax
8. Put the radio to sleep, wait 10 seconds until RF light goes out
9. Quickly unlock the radio, check the sax file, hit OK.
10. Once the update finishes, close the Updater app by clicking on the ☐ button on the bottom right of the home screen.
11. **You will need to power cycle the radio for the new CP firmware to take effect.**

Tip: If you receive an error or the update does not begin, try putting the transmitter to sleep again or rebooting the transmitter

Option 2: Downloading using PC

1. Close the RaceWare app by opening the recent apps list and pressing the X or swiping app off of screen.
2. Download using your PC
    a. Log into your My Spektrum account
    b. Locate the DX6R in the "My Products" section and click on "Download Updates"
    c. Scroll to the bottom and click on the orange "Download" button
    d. Save file to external SD card adapter with micro SD card
3. Insert micro-sd card into the DX6R radio
4. Disable WIFI
5. Reboot radio by holding power button down for 2 seconds and selecting reboot
6. Open the Updater app.
7. Press the "Choose Update File" button
8. Press the double dots twice to go up to correct folder area for this.
9. Press extsd and navigate to the SPMTX.sax file but do not select it or press OK yet. Location of the file is; /extsd
10. Put the radio to sleep, wait 10 seconds until RF light goes out
11. Quickly unlock the radio, check the sax file, hit OK.
12. Once the update finishes, close the Updater app.
13. **You will need to power cycle the radio for the new CP firmware to take effect. This must be done prior to updating the RaceWare application.**

To update the RaceWare Android Application:

Option 1: Downloading using the radio

1. Close the Raceware app by opening the recent apps list and pressing the X.
2. Download from the DX6R Radio
   a. Connect to a WiFi network
   b. Log into your My Spektrum account
   c. Locate the DX6R in the "My Products" section and click on "RaceWare Android App v1.0.4 APK"
      i. If prompted, select to download the file with Chrome
   d. Open the Downloads application or pull down from the top of the screen to monitor the download process
   e. When the download completes, click on the file to begin the install
   f. If prompted, you will need to enable installing from "Unknown sources"
      i. Click on the Settings link on the dialog
      ii. Scroll down to "Unknown sources" and enable it
      iii. Select OK on the dialog notice
      iv. Hit the back button to return to the Downloads application
      v. Click on the downloaded file again to begin the install
   g. Click Install on the bottom right
   h. When the install completes, select Done.
   i. NOTE: To verify the installation was successful, run the RaceWare application and verify that the version number has been updated as expected.

Option 2: Downloading using PC

1. Close the Raceware app by opening the recent apps list and pressing the X.
2. Download from a PC
   a. Log into your My Spektrum Account
   b. Locate the DX6R in the "My Products" section and click on "RaceWare Android App v1.0.4 APK"
   c. Save the file to a micro-SD card
   d. Insert the micro-SD card into the DX6R radio
   e. Open the ES File Explorer application on the radio
   f. Locate the file on the micro-SD card
      i. Press "sdcard" and select "extsd"
      ii. Select the "RaceWare Android App v1.0.4 APK" and install the app

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g. If prompted, you will need to enable installing from "Unknown sources"
   i. Click on the Settings link on the dialog
   ii. Scroll down to "Unknown sources" and enable it
   iii. Select OK on the dialog notice
   iv. Hit the back button to return to the ES File Explorer application
   v. Click on the downloaded file again to begin the install
h. When the install completes, select Done.

IMPORTANT NOTE

* APK files must be downloaded using either the Chrome or Firefox browser. Internet Explorer and Edge both switch an APK file to a ZIP file.