

State-of-the-Art Programming for your 11X



FREE JR® software update for 11X owners is now available

The pinnacle of quality, the benchmark of innovation, JR 11X transmitters are used around the globe for sport flying as well as state-of-the-art airplanes, helicopters and sailplanes. The 11X delivers everything you would expect in a pro-class radio. Things like an extensive list of programming options, 30-model memory, a big backlit display and an eye-catching case worthy of its capabilities.

Now JR users can update the 11X radio they love with state-of-the-art software found in the new XG11. Designed by RC professionals, for RC precision minded pilots, the XG11 system marks the next step for those that want control that meets the demands of today's flying. When you install JR XG11 programming in your 11X, you'll enjoy exciting new programming features, such as the Balance function, which equalizes individual servo travel on multi-servo control surfaces. There is also five adjustable points where servos can be matched not only at the center, but across the entire throw of the surface.

The software update for your 11X also boasts three programmable stick position switches for mixing and an expanded Dual Rate/Expo menu that raises the pro-level bar to allow up to 6 additional rate switches. The convenient new Trim Input function makes it possible for you to allocate trim levers with the ability to change numerical values of specific functions (such as program mix values) during flight. No matter what aircraft or style of flying you enjoy, this new software update will help make it easier for you to feel how JR quality and innovation can make a difference in the way you fly.

This is a core-level update that allows current 11X owners to update their radio to the latest programming used in the JR XG11. With the exception of telemetry and DMSS protocol, your 11X will function completely like a brand new XG11. For detailed function descriptions and setup, please refer to the JR XG11 manual. The new software also helps you to program faster with the revolutionary JR Touch Select function, which enables automatic switch selection for programmed functions with just the simple movement of the switch you intend to use.

The 11X with XG11 software will enhance your control and deliver a level of precision that is genuine JR. Please read and understand the notifications and installation instructions thoroughly before proceeding.

How-to Update JR 11X Firmware via SD

Please read all instructions thoroughly prior to updating your 11X radio. If you are not comfortable updating your 11X via SD card, contact Horizon Hobby Product Support at 877-504-0233 for assistance.

NOTICE: DO NOT disconnect the battery while a firmware update is in process. Doing so will create a non-recoverable corruption of the 11X firmware, requiring you to send in your transmitter for service.

NOTICE: Once the update has been installed, you CAN NOT go back to standard 11X programming. Doing so will result in a non-recoverable failure, requiring you to send your transmitter to the Horizon Hobby Service center for repair.

NOTICE: The 11X software update is only compatible with the JR 11X radio distributed through Horizon Hobby Inc. DO NOT attempt to install this software in the 11X Zero sold through JR Propo and their other distributors. Doing so may cause a non-recoverable software error that will require a costly repair.

NOTE: Due to a change in file formats, updating your 11X to version 0002-0100 will reset all of the stored model data on the transmitter. Be sure to save all models to an SD card so they may be reloaded after completing the update. Once models are restored to the internal model memory you will need to perform a re-bind on the models receiver and check for proper function before attempting to fly the model.

NOTICE: Prior to updating your firmware, ensure the battery has a minimum of 10.0V. If you have changed the default low battery warning, the battery voltage will need to be a minimum of 1V above the warning threshold.

JR 11X VER: 0002-0100 Update Process

Before performing updates to your 11X, you must create the necessary folder and sub-folder on your SD card to store the firmware update files. If you have previously saved any models to the SD card, the JR folder will already be present. If not, you can do this using any computer that has an SD card reader. JR recommends using SD cards with a minimum of 1 GB memory capacity. You can purchase an SD card through any computer hardware provider or retail outlet.

1. Download the VER: 0002-0100 to your computer by clicking [HERE](#)
2. Insert the SD card into the SD card reader in your computer.
3. Open the SD card drive to view the contents of the card.
4. If not already present, create a folder on the SD Card titled JR, open the JR folder and create a subfolder titled VERUP.
5. The VER: 0002-0100 update includes three *.JRD files:
JRVERUP.JRD
RESTRUCT.JRD
REWRITE.JRD
Place these three required files onto your SD card in the JR\VERUP folder.

6. Once the files have been transferred to the SD card, remove the card from your computer.

REMINDER: Due to the sophistication of the new XG11 programming, this firmware update will make your old 11X model memory files incompatible.

7. Open the battery door and remove the battery but leave it connected. You will then have access to the SD card reader located on the green circuit board on the right side of the battery compartment.
8. Vertically insert the SD Card into the reader.
9. Replace the battery and door to prevent the battery from disconnecting during the update (see previous warning above).
10. Hold down the bottom, front-left button of the transmitter and activate the power switch. A Green LED will illuminate at the top of the transmitter and you will be taken to the update screen.



The display will show both your current software version and the new version located on the SD card (for example V0100-0100 to V0002-0100).

If the Green LED does not light, this is an indication that the transmitter is not recognizing the .JRD files for the update. If this happens, please remove the card and confirm the update files are in the correct folder (see steps 1–5 above)

11. Select UPDATE to begin the update process. You will be prompted to turn off the transmitter.

REMINDER: If the battery voltage is below 10 volts or less than 1 volt above cutoff, the update will be interrupted with a “low battery error” message. If you receive this error, you will need to charge your transmitter or change the low voltage cutoff in the transmitter settings.

12. Turn off the transmitter power switch. The screen will remain illuminated and display “Now Updating”.

NOTICE: Do not disconnect the battery. Doing so will corrupt the update process, requiring you to send the transmitter to the Horizon Hobby Service Center for repair.



13. The Green LED and screen will remain on during the update. When the first phase of the update is complete (one to two minutes on average), the screen and the LED will turn off.

14. Lastly, turn your transmitter back on to complete Phase 2 and Phase 3 of the update process. Once Phase 3 is complete you will get an Information screen that says, "The model data cannot be loaded". Since the model memory has been cleared, there are no models to load. Press OK to exit the update.



Once completed, check the version of software using the TX SETTINGS screen in the system menu.

15. Update is complete. You may now proceed to re-create new model programs.