

Xiegu G90 Firmware Updater

The command-line program `g90updatefw` uploads firmware updates to the Xiegu G90 radio.

Here is the output of `g90updatefw --help`:

This program is designed to write a firmware file to the Xiegu G90 radio. It can be used to update either the main unit or the display unit.

```
Usage: g90updatefw <firmware_file> <serial_device>
or    g90updatefw --help
or    g90updatefw --version
```

where `<firmware_file>` is the name of a firmware file for either the main unit or for the display unit and `<serial_device>` is the name of the USB serial port connected to the Xiegu G90. On Linux, the `<serial_device>` is typically `/dev/ttyUSB0`. On Windows, `com4` works for me as the serial device, but your system may be different

You should start the program with the programming cable plugged in and the power disconnected from the radio. After starting the program, reconnect the power cable and power-on the radio. The program runs without any user interaction.

Source code and additional information about `g90updatefw` may be found at <https://github.com/DaleFarnsworth/g90updatefw>.

A Windows/386 executable (suitable for 32-bit and 64-bit Windows) may be downloaded from <https://www.farnsworth.org/dale/g90updatefw/downloads/windows/386>. This program needs to be run from a `cmd.exe` window that has administrator privileges.

A Linux/amd64 executable may be downloaded from <https://www.farnsworth.org/dale/g90updatefw/downloads/linux/amd64>.

A MacOS/amd64 executable may be downloaded from <https://www.farnsworth.org/dale/g90updatefw/downloads/darwin/amd64>.

A Linux/arm executable (suitable for the Raspberry Pi with a 32-bit OS) may be downloaded from <https://www.farnsworth.org/dale/g90updatefw/downloads/linux/arm>.

A Linux/arm64 executable (suitable for the Raspberry Pi with a 64-bit OS) may be downloaded from <https://www.farnsworth.org/dale/g90updatefw/downloads/linux/arm64>.

Executables for Linux on PPC, RISC-V and S390X can be found below
<https://www.farnsworth.org/dale/g90updatefw/downloads/linux>.

I'll entertain requests to make executables for other OS/Architecture combinations available.

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P.S. KB00TY made a video about using g90updatefw on the Raspberry Pi.
<https://www.youtube.com/watch?v=tnU0LtWxqOs>.

Thanks Andrew!