

GRE AMERICA, INC.

Product: PSR-500

Classification: **Production Firmware Release Instructions.**

Date: 11/19/2007

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Please make sure you have properly installed your PSR-500 Scanner PC/IF USB Data Cable on your Windows O.S. PC and also know the COM Port number that is assigned to the cable prior to executing the upgrade application(s).

The following Windows operating systems are supported for the upgrade:

Windows 98SE Windows ME, Windows 2000 (standard or Professional), Windows XP (Home or Professional), Windows 2003 Server ("Standard" or x64), Windows Vista ("Standard" or x64). **Depending on which version of the Windows O.S. that you are running, you may have to right click the file and select Properties and click the UNBLOCK button to be able to run the file.

Important Notes:

Upon executing each GRE upgrade utility exe file, please carefully read the instructions presented within each step, before proceeding to a subsequent step of the upgrade process.

***** Especially please note that to prepare the radio for a CPU upgrade the required radio key presses are different than if preparing the radio for a DSP upgrade. The differing key presses on the radio are outlined within the step-by-step instructions displayed while executing each upgrade utility.***

- 1) The release may be a lower version number (e.g. 0.2) than the version that is installed in your radio (e.g. F1.0) and the updater will warn of this. It is okay to proceed with the update, and please do not be concerned.
- 2) We recommend using fresh batteries or the AC adapter to power the radio when upgrading the software.
- 3) If you are upgrading both the CPU and the DSP code, we recommend upgrading the CPU code first.
- 4) ***"CPU500_F1.1.exe"*** (Factory)
This is a beta CPU upgrade. Please ensure, you **do not** unplug the PC/IF USB Data Cable while the "update is in progress". Read the "ReleaseCPU_U0.1FW" notes to see the list of improvements.
- 5) ***"DSP500_U1.1.exe"***(upgrade)
This is a beta DSP upgrade. Please ensure, you **do not** unplug the PC/IF USB Data Cable while the "update is in progress". Read the "ReleaseDSP_U0.3FW" notes to see the list of improvements.
- 6) ***Should you want to go back to the old CPU Firmware F1.0, please use the "CPU500_F10.exe" file. This will allow you to revert to the CPU version F1.0***
- 7) ***Should you want to go back to the old DSP Firmware, please power on the radio and while the "Welcome" message is displayed, on the radio's keypad, press 0-CLR-ENT. The radio will restart and the factory DSP software will be restored.***
- 8) To check which Firmware is installed on your radio, press the "3" key during the "Welcome" message after powering on the radio.

Please feel free to contact us should you have any issues or require technical assistance.

GRE Development Team

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