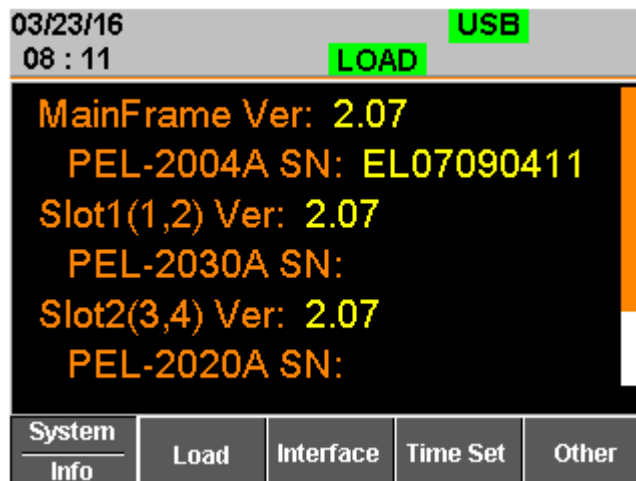


Introduction:

The PEL-2000A mainframe is downward compatible with the PEL-2000 series load modules and it can host both PEL-2000A and PEL-2000 load modules together. The PEL-2000 mainframe with software version V1.XX is not able to control PEL-2000A load modules. Therefore, it needs to be upgraded to PEL-2000A by the mean of software upgrade (software V2.XX) in order to be able to host both PEL-2000 and PEL-2000A load modules.

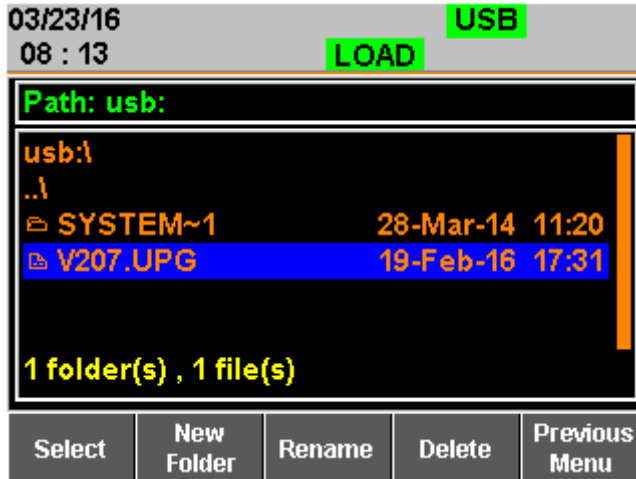
PEL-2000 software upgrading procedure:

1. Check the software version of the PEL-2000 mainframe.
 - 1.1 Press the Shift button on the mainframe. Then press the Help button to enter the Utility function menu.
 - 1.2 Press the F1 button to enter the System Info menu.



- 1.3 Check the mainframe's software version. If MainFrame Ver: shows version 1.XX, please follow the below procedure to upgrade.
2. PEL-2000 software upgrade procedure (PEL-2000 to PEL-2000A mainframe upgrade) :
 - 2.1 Do not insert any load modules when you upgrade the software for the first time (see 2.5 below).
 - 2.2 Insert a USB flash drive containing the V2_XX.UPG software on the front panel USB slot of the mainframe.

- 2.3 Press the FILE button on the mainframe. Press the F1 key to select Media USB. Press F5 key to enter the File Utility.
- 2.4 Select the path where the software is located on the flash driver. The V2_XX .UPG must be highlighted in blue. Press F1 button to start upgrading.



- 2.5 Upgrade the software a second time:
 - 2.4.1 When the original PEL-2000 mainframe is upgraded to V2_XX .UPG for the first time, please don't insert any load modules as said at step 2.1. Wait until the first upgrade completes.
 - 2.4.2 After the first upgrade has finished, insert the load modules and perform the upgrade operation a second time. If load modules were inserted during the first upgrade, the PEL-2000 mainframe might hang up.

3. Software upgrading procedure is completed.

After the above steps are completed, the software version of the mainframe is now that of the PEL-2000A. This software version allows such a PEL mainframe to control both PEL-2000 and PEL-2000A load modules at the same time. Both load modules can be mixed together.