

SP2 – Firmware Update

NOTE: When updating from any version earlier than 1.3.42 to any version 1.3.42 or later you must re-calibrate the speakers due to firmware changes to accommodate a new amplifier chip. With stations using version 1.3.42 or later if you change the parameter `als_enable`, you must also re-calibrate the speakers.

Since there are several variations of processors used on SP2 boards the following methods are required to update firmware...

E3 IP or E3 Variscite (Excludes E3 Congatech Version)

-TFTP Transfer

SP2 stations that are monitored by E3 can be updated by the E3 Portal by using the following procedure:

- A .tgz update file is uploaded to the E3
- E3 will distribute the firmware update via TFTP to all monitored SP2 stations

SP2 Console Dashboard

-TFTP Transfer

All SP2 (BF516/BF536/FIBER) .ldr files must reside at the same directory level in your TFTP server folder. Select one of the original programming files....

SPP_1.X.X.LDR or SPP_FIBER_1.X.X.LDR. Do not select the SPPBF516_1.X.X.LDR or SPPBF516_FIBER_1.X.X.LDR. The unit(s) will select the correct file from the TFTP server and update appropriately.

GUDA (SP2 Versions >= 1.4.0)

-TCP/IP Transfer

To update SP2 stations via GUDA the existing firmware on the unit must be version 1.4.0 or greater. All SP2 (BF516/BF536/FIBER) .ldr files must reside in the same folder. It is recommended that a folder is created which includes all .ldr files. Keep different folders for different versions. When a firmware update is requested, GUDA will ask you for the directory in which the update files are located. The unit will automatically select the correct file and update accordingly.