

LTCMU / LTCUF Firmware Readme

Modified May 6, 2021

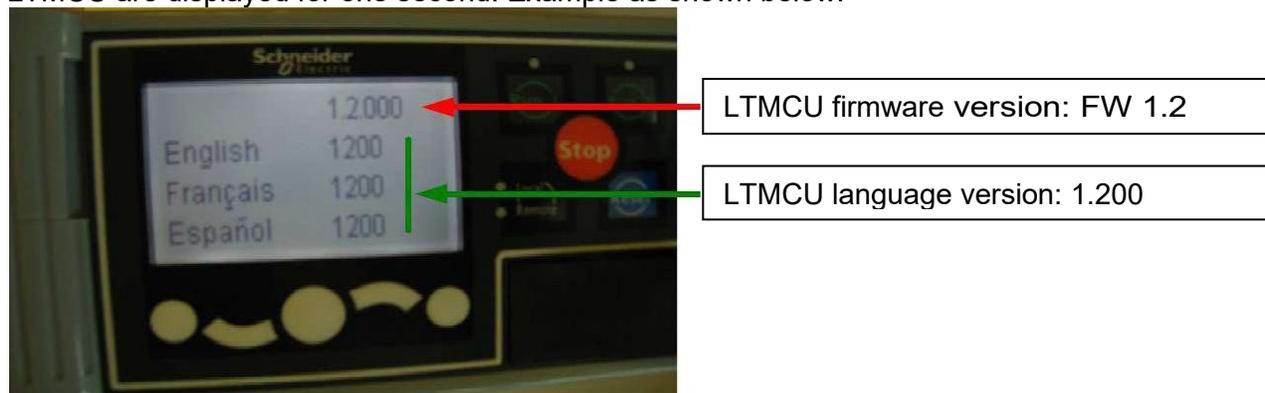
Firmware Compatibility

The following table describes the LTCMU firmware depending on the commercial reference and hardware version. The LTCMU has two hardware versions, HW1 released in May 2008 and HW2 released in July 2015. The LTCUF and LTCUC only have one hardware version (HW2) released in July 2015. The table below summarizes the firmware details per hardware revision. See the LTCMU Language file Readme for Language file compatibility.

| Reference | Hardware | Firmware | Details | Upgradability |
|---------------|----------|--------------------|---|---------------|
| LTCMU | HW1 | 1.1.000 | - Original version | None |
| | | 1.2.000 | - Language download speed increase | |
| | HW2 | 2.0.000 | - Original version for updated hardware | None |
| LTCUF / LTCUC | HW2 | 3.0.000 3.1.000 | - Original version for new reference - Ethernet FDR IP Allowlist registers for Pack 13 | Yes |

Firmware Version Management

Upon powering up the LTCMU, the firmware version and the languages version loaded in LTCMU are displayed for one second. Example as shown below:



Currently, only the LTCUF/LTMCUC have the capability for firmware upgrade/downgrade. See the TeSys Programmer User Manual for instructions on upgrade/downgrade process.

Firmware Version Update History

| Firmware | Date | Details |
|----------|-----------|--|
| 1.1.000 | May 2008 | - Original version for HW1 |
| 1.2.000 | July 2008 | - Language download speed increase |
| 2.0.000 | July 2015 | - Original version for updated hardware |
| 3.0.000 | July 2015 | - Original version for new reference LTCUF/LTMCUC reference created with new HMI backup/restore feature. |
| 3.1.000 | May 2021 | - Ethernet FDR IP Allowlist registers for Pack 13 LTCUF/LTMCUC firmware updated to include the IP Allowlist registers (3120-3140) in the FDR Backup/Restore list that were added for the Ethernet firmware only in Pack 13 release. Note: Update to this version is only recommended if needed for HMI backup/restore of Ethernet IP Allowlist registers. |