



Field Installation of EDM-740 Update Package V7.47

Introduction

In order to update your EDM-740 application firmware, you will need access to a personal computer with a USB interface and have a USB FLASH drive (commonly referred to as a “thumb drive”).

Step 1 – Verifying Applicable EDM-740 Version for this update

- With power to the EDM turned “OFF” hold STEP and LF buttons on the EDM and turn power to the EDM “ON”
- The EDM will start with a blue screen titled “AppLoader”
- Verify that the AppLoader “Build” date is after June 2009. If not, see AppLoader Update procedure at JPInstruments.com for further instructions.

Step 2 – Creating the Installation Media

- Insert an industry standard USB FLASH drive into a personal computer with access to the EDM740 application update package file.
- Copy the update package file with **.pkg** extension to the USB drive. Be sure that the package file name is not modified in any way.

Step 3 – Updating the EDM

- With power to the EDM turned “OFF” hold STEP and LF buttons on the EDM and turn power to the EDM “ON”
- The EDM will start with a blue screen titled “AppLoader”
- Insert the USB FLASH drive created in **Step 2**
- The EDM screen will change to show “EDM740” and “Version 7.47.000” at the center of the screen and “Install EDM Update dated 05/13/16 09:57 AM” in the lower left corner of the screen.
- Tap the button labeled “INSTALL” to start the EDM update process.
- The process will verify the integrity of the install package and begin extracting files to be installed on the EDM.
- When the installation is complete (all files have been installed successfully and verified), the EDM will automatically boot, and start updating the AppLoader portion of the system.
- When prompted to update the AppLoader, press the key labeled “YES”. **DO NOT POWER OFF THE EDM DURING THIS UPDATE.**
- When the AppLoader update is complete, the EDM will automatically boot, ready for normal operations.

Step 4 – Verifying Correct Installation

- Hold the Lean Find button (LF) while powering “ON” the EDM.
- Continue to hold LF until you see a screen with product information text.
- Verify that the Firmware Revision is **7.47.000** and Check Sum value is **05983AAF**
- Verify BootLoader version is **8.02** (if displayed) and AppLoader version is **4.04**
- **This is a good time to verify that Program and Factory setting are correct.**