

Autorun Update System Instructions

This document describes how to use an autorun package file to update firmware on all VCs and RPS units that are networked together into a single Matrix G3 or DLX video wall system.

IMPORTANT: which autorun to use depends on the installed firmware version. Whenever possible, the WallDirector web app is the preferred method to update system firmware.

For systems with firmware version:

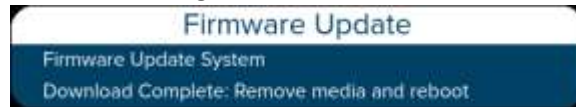
- **less than or equal 7.0.xxx:** use the autorun-update-system.pkg file from the folder named "Autorun Update System Pre-v7.1".
- **7.1 and higher:** use the autorun package file named **autorun-update-system-v7.1.pkg**

To use the selected autorun package to update the system firmware:

1. Format a USB drive with the FAT32 file system.
2. Copy the selected autorun package file to the top level of the USB drive.
3. Rename the autorun package to just **autorun.pkg** on the USB drive.
4. Copy the desired firmware package (usually named with a document control and version number) to the top level of the USB drive.
5. Rename the firmware package to just **firmware.pkg** on the USB drive.
6. On the system master RPS, insert the USB drive into the AUX USB port. You should see indications of the update process starting within 30 seconds of when you insert the USB drive.
 - a. Note: If you insert the USB drive in a non-master unit, the update appears to start, but will not complete correctly. If this happens just reboot the system and try again, making sure to insert the drive in the system master's AUX USB port.
 - b. Note: The autorun updater will not start if the system master RPS has been running for less than one minute. This prevents accidentally updating again if you forget to remove the USB drive before rebooting. In this case just remove and reinsert the USB drive later.
7. Leave the USB drive inserted until you observe the update is complete for the entire video wall using one or both of the methods described below.
 - a. **IMPORTANT: Be sure to wait for an entire system of RPS and VC to complete the update before cycling power to any unit.** Normally the RPS supplies power to the VCs and this power must not be interrupted while VCs are still applying firmware updates. Also, because the update uses the network links normally connected in a chain of RPS and VCs, it's important to keep the entire chain of network connections running throughout the system update procedure.
 - b. Note: VCs typically require more time than RPS to apply updates because of the additional video processing firmware that must be installed.
8. When the update is complete for all VCs and RPS in the video wall, remove the USB drive.
9. Restart the entire video wall system: either cycle AC power, or use the System Reboot function to restart the video wall with the new firmware.
10. Observe the following to monitor progress of the update:
 - a. On the OSD menus (provided that the Allow Pop Up Messages option is enabled) you will see a series of messages similar to that shown below:



The final message reads:



- b. You can also observe the blue LED on the front of each VC, or the green LED above the CNTRL switch of each RPS, to confirm the progress of the update:
 - i. Medium blink: copying update package.
 - ii. Fast blink: applying update (in progress).
 - iii. Long off followed by a single short on (VC),
or long on followed by a single short off (RPS): update is complete.