DIGI-P51 Firmware Upgrade Procedures

Rev 150818

Firmware update 1.1.2 is for DIGI-P51 devices with firmware version 1.1.1.

Firmware version 1.1.2 corrects video output polarity issues and brings a handful of quality of life improvements to controlling the DIGI-P51 via RS232. The new RS232 commands include:

· Power on and off the DIGI-P51
· Turn on and off the HDMI output
· Copy the EDID of the connected display to the inputs

Initial Setup

1. Verify the firmware version of the DIGI-P51 before starting the firmware upgrade. This information is available on the Setup menu of the DIGI-P51 or by sending the Check Firmware Version RS232 command (`50699%`).
2. Copy the *MERGE_51D.bin* file to the root of a USB flash drive. Do not rename the file, or the update will fail.
3. Insert the USB flash drive into the USB port on the rear of the DIGI-P51.
4. Follow the update procedures for either front panel/IR remote or RS232.

Update via Front Panel or IR Remote

1. Press the Menu button to access the device menu system.
2. From the Options menu, select Software Update.
3. On the confirmation screen, press the left arrow (*Vol* - on the front panel) to initiate the update.
4. Once the update is complete, the DIGI-P51 will reboot.
5. Return to the menu and select Restore Factory Defaults from the Setup screen.
6. The DIGI-P51 will reboot a second time and be ready for normal operation.

Update via RS232

1. Send the Firmware Upgrade command (`50698%`). The update will immediately load into the DIGI-P51.
2. Once the update is complete, the DIGI-P52 will reboot.
3. Send the Reset to Factory Defaults command (`50617%`).
4. The DIGI-P51 will reboot a second time and be ready for normal operation.

New RS232 Commands

Enter Standby	`50797%`
Exit Standby	`50697%`
Turn OFF HDMI output	`50730%`
Turn ON HDMI output	`50731%`
Copy EDID from display	`50768%`
Restore default EDID	`50767%`
Check EDID status	`50770%`