

Matrox® **Release Notes**

Matrox® MaeveX™ 5100 Series

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Graphics for Professionals

Overview

This document describes the current release of the Matrox Maevox Series hardware and software. Matrox provides these notes to describe bug fixes and improvements to Maevox hardware and PowerStream software.

Notes and limitations

- Changing the resolution *while* encoding or decoding a stream isn't currently supported. Stop all encoding or decoding processes *before* changing the resolution on your device, and then restart encoding or decoding.
- Before daisy chaining your decoders, make sure each decoder is connected directly to the network. This enables the DHCP server to allocate an IP address to the decoder.
- The PowerStream interface may be slow to respond when opening windows or applying settings (it may take up to 30 seconds). After a user action, wait until the PowerStream window is updated.
- Audio distortion may occur if the analog audio input voltage level is too high. If this occurs, we recommend reducing the analog input signal voltage level from the host system (turn down input volume).
- The decoder's image cropping function settings in PowerStream (**Top**, **Left**, **Width**, and **Height**) should be limited with regards to the maximum allowed value. The value depends on the resolution of the source image. This functionality will be added at a later date. Make sure the **Top+Height** and **Left+Width** values entered don't exceed the horizontal and vertical resolution of the source image.
- The encoder's **Use specific video size** setting in PowerStream should be limited with regards to the maximum allowed value. This value depends on the resolution of the input. Make sure to not enter values greater than the input resolution (the encoder doesn't support image upscaling), otherwise you will receive an error message.
- PowerStream's **Add device** functionality allows you to add any device by specifying its IP address, but currently the device doesn't appear on the PowerStream **Overview** window unless the device is on the same subnet as the PowerStream control system.
- HDMI® audio may cause the Encoder unit to hang (black screen) when a Digital media device is automatically switching from one file to another (for example, a Western Digital® Media Player in playlist mode). This problem doesn't occur when HDMI audio is disabled or when the analog audio input is used and selected within the PowerStream user interface. Also, this problem doesn't occur when the HDMI source is a PC.
- HDCP (High-Bandwidth Digital Content Protection) isn't currently supported.

- USB, RS232, and SD Card connectivity isn't currently supported.
- Matrox PowerStream software and Firmware Updater Utility may sometimes take a while (up to several minutes) to detect or redetect all MaeveX units on a network. To avoid this, reboot your system before using the Firmware Updater Utility. After rebooting your system, immediately run the Firmware Updater Utility, using the **Locate MaeveX using PowerStream** option. It should take less than 30 seconds to discover the MaeveX units.
- The output from the Encoder's local HDMI and VGA may have a red or green tint.
- Corruption may occur when using display resolutions of 480p60, 576p50, 1360 × 768, and 1680 × 1050. A horizontal green bar may appear on top of the image.
- When using an HDMI input resolution of 1920 × 1080@30Hz, a flashing green line may appear at the bottom of the screen.
- Certain non-Matrox graphics cards may not support certain resolutions. For example, they don't output full-screen images in a 1920 × 1080 resolution (you can replicate this connecting your display directly to your graphics card). For information on the capabilities of your graphics card, contact your graphics hardware manufacturer.
- Your MaeveX units can only be detected on a DHCP network. To locate a MaeveX unit outside the DHCP subnet, first detect the MaeveX unit on the subnet, then set the MaeveX unit to a fixed IP address known to be available on the LAN outside the subnet. Remove the MaeveX unit from the subnet and place it in the intended location on the LAN.
- On early customer sample units (P/Ns MVX-D2F-CSF and MVX-EF-CSF), the front panel power LED turns amber instead of red. This issue has been fixed on units as of MVX-D2F, MVX-EF, MVX-D5150F, and MVX-E5150F.

Contact Us

The Matrox Web site has product literature, press releases, technical material, a sales office list, trade show information, and other relevant material. Visit us at www.matrox.com/graphics.

If you have any questions or comments about our products or solutions, contact us at www.matrox.com/graphics/contact.

You can get technical assistance by contacting Matrox technical support at dwcsupport@matrox.com.

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