

# Matrox® **Release Notes**

Matrox® Maeve™ 5100 Series

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[www.matrox.com/graphics](http://www.matrox.com/graphics)

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# Overview

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

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## 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.
- 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. Streaming resolutions between 640 × 480 and 1920 × 1200 are supported. Resolutions outside this range aren't supported and will return an error message.
- HDCP (High-Bandwidth Digital Content Protection) isn't supported.
- USB, RS232, and SD Card connectivity aren't supported.
- Certain non-Matrox graphics cards may not properly 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.

- Multicast streaming requires proper multicast support (IGMP support) by the network switches and routers, otherwise multicast decoding may stop randomly and resume after 15-20 seconds.
- Switching between dynamic and static IP addresses isn't supported while encoding or decoding. Before you change the IP address, make sure you stop encoding or decoding.
- While installing Matrox PowerStream software, the setup window may open behind other open windows. To see the PowerStream setup window, you may need to close or minimize any windows or applications that may be open.
- If you're using PowerStream software to set a static IP address, make sure the IP address you want to set isn't already allocated to another device on the network.
- When switching between the **Use pass through** and **Use confidence preview** output methods, the encoder analog audio output may be disabled if a DVI monitor is connected to the HDMI Out connector on the encoder. To re-enable the analog audio out, disconnect and reconnect the HDMI cable from the HDMI Out connector.
- To stop and restart your PowerStream service, click **PowerStream service restart** from the Matrox Graphics folder of your Start screen (Windows 8) or Start menu (Windows 7).
- **Windows 8/7** – If your controller system doesn't have access to a DNS server or if response from its DNS server is slow, PowerStream may take a long time to start up (several minutes). To avoid this delay, configure your controller system to use a fixed IP address (such as local host – 127.0.0.1) as its DNS server.

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# 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](http://www.matrox.com/graphics).

If you have any questions or comments about our products or solutions, contact us at [www.matrox.com/graphics/contact](http://www.matrox.com/graphics/contact).

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