



**Product Name:** VP-796A

**Current Version:**

Ver.Type	Ver No.	Date
Firmware	3744	November 2016
Software	–	–
Web	–	–
Hardware	–	–

**RN Date:** November 2016

**Reference:** 11449

**Kramer Product Affected:**

Product Name	Minimum FW Version for Upgrade	Recommended for All Units	Only if Added Features are Required
VP-796A	Any	Yes	N/A

**Technical Notes:**

- Substantial changes were made in this version.
- For more information, see the updated VP-796A User Manual on the Web.

**Codependency with Other Products and Software:**

- There is no codependency with other products or software.



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The following changes were made in this version:

## New Features:

	Description
	Implemented a feature allowing the audio to be delayed relative to video. The delay can be varied from -100ms to +500ms
	Implemented level B support for 3G-SDI inputs. Added support for BlackMagic protocol
	Added support for 2048x1080p for the SDI inputs
	Added 96kHz PCM audio support
	Added support for LED walls that are composed of different size sections. Each unit is setup independently with the new “LED screen size” menu
	Implemented custom output resolutions. Users can create up-to four custom resolutions. These resolutions become available for selection from the EDID Input Format list for each input. This feature is only available on the LEDView and HQUltra models
	Added home button to all web pages allowing immediate return to the main menu
	Added automatic update to the video wall control settings in the web page interface
	Added moving test pattern
	Implemented multiple socket TCP/IP control



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## Modifications:

QC ID	Description
	Removed the audible click when audio parameters were adjusted
	Changed the background black of the PLUGE test pattern from 7.5 IRE to 0 IRE
	Changed unit behaviour so when the output range is set to 'limited', the PLUGE and SMPTE test patterns will not be compressed
	Modified unit defaults so typical common CEA resolutions are treated as limited range when source doesn't provide information on the signal quantization range. All other modes are set as full range
	Improved locking times for the Genlock and Source lock modes
	Improved synchronization between different units when operating in the video wall mode
	Modified SDI audio output performance to be compatible with Gennum receivers
	Enhanced performance by improving robustness for non-ideal operating conditions. These conditions may occur during mode switching, loss of input signals, or caused by noisy signals
	Improved measurement and reporting accuracy of the input frame rate
	Enabled the standby functionality via the TCP/IP interface
	Improved time response when detecting a new input
	Restored the front panel keypress shortcut to "reset output to 720p"
	Modified Factory reset function to erase all stored custom test patterns and logo images
	Limited the size of custom test patterns and logo to 3840x2160
	Improved functionality of the zoom feature in YCbCr 4:2:0 modes
	In models that don't support HDBT, removed from the menu references to HDBT analog audio



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## Bugs Fixed:

QC ID	Description
	Fixed an issue related to detecting color space in DVI inputs
	Corrected an issue related to when processing HDMI 4:2:2 input signals
	Fixed an issue related with bezel width adjustments
	Removed the grey line at the bottom of the image of the SDI output at 480i
	Corrected an occasional issue with the color space when SDI input signal is lost and recovered
	Corrected an occasional audio loss when switching between SDI1 and SDI2 inputs
	Corrected issues with audio muting associated with HDMI1/DVI and HDMI2 input sources
	Corrected an issue with audio when Genlock is enabled
	Corrected an issue when switching to VGA when RGB/YPbPr supports separate syncs

## Bugs to be Fixed in Future Version:

QC ID	Description
	None listed

## Known Limitations (including compatibility limitations):

QC ID	Description
	None listed

**Preceding Version:** F - 3260



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**Product Name:** VP-796A

**Preceding Version:**

Ver.Type	Ver No.	Date
Firmware	3260	29 June 2016
Software	-	-
Web	-	-
Hardware	4.3 or later	-

**RN Date:** July 2016

**Reference:** 9177

This is a release note for a new product. For a list of new product features see:  
<http://www.kramerav.com/manual/VP-796A>

## Bugs to be Fixed in Future Version:

QC ID	Description
	Not yet released: Audio Delay Not yet released: Moving Test Pattern

## Known Limitations (including compatibility limitations):

QC ID	Description
	HDMI audio path only supports LPCM audio, not Dolby / DTS encoded audio. This limitation is correctly defined in the EDIDs so does not cause operational issues.
	DisplayPort audio path only supports 2-channel stereo LPCM.

**Preceding Version:** N/A



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