



Product Name: VP-796/A

Current Version:

Ver.Type	Ver No.	Date
Firmware	3984	January 2017
Software	–	–
Web	–	–
Hardware	–	–

RN Date: January 2017

Reference: 11807

Kramer Product Affected:

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

Technical Notes:

- Support was reactivated for analog audio and various video issues were fixed.
- New features are described in the updated User Manual.

Codependency with Other Products and Software:

- There is no codependency with other products or software.



KRAMER ELECTRONICS, Ltd.

E-mail: info@kramerel.com

Web: www.kramerelectronics.com



Product Name: VP-796/A

Current Version:	Ver.Type	Ver No.	Date
	Firmware	3984	January 2017
	Software	–	–
	Web	–	–
	Hardware	–	–

RN Date: January 2017

Reference: 11807

The following changes were made in this version:

New Features:

Description
Reactivated support for analog audio
Activated Vertical alignment (synchronization). This feature is applicable in installations with multiple units that are vertically configured
Added 3200k color temperature setting

Modifications:

Description
Reorganized the menu structure to simplify operation and improve usability
Modified scaler to remove tartan effect on certain low level greyscale
Changed the default Input and Output gamma to 1.0 from 2.2. To use new default values, perform a factory reset after the new software is installed. Note that all other system settings are reset after a factory reset
Improved switching speed to test pattern when genlock is set to I/O lock
Modified the Custom Mode naming so it displays the programmed resolution and frame rate type (HOR x VER p/i)



KRAMER ELECTRONICS, Ltd.

E-mail: info@kramerel.com

Web: www.kramerelectronics.com



Bugs Fixed:

Description
Fixed an issue related to connecting with certain external matrix switchers
Corrected an issue that caused a grey bar to be briefly visible during the transitions through freeze, observed sporadically when the frame rates were 24Hz
Fixed an issue with the border pixels in the Autozoom mode

Bugs to be Fixed in Future Version:

Description
None listed

Known Limitations (including compatibility limitations):

Description
None listed

Preceding Version: F - 3744



KRAMER ELECTRONICS, Ltd.

E-mail: info@kramerel.com

Web: www.kramerelectronics.com



Product Name: VP-796/A

Preceding Version:

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

RN Date: November 2016

Reference: 11449

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



KRAMER ELECTRONICS, Ltd.

E-mail: info@kramereel.com

Web: www.kramerelectronics.com



Modifications:

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



KRAMER ELECTRONICS, Ltd.

E-mail: info@kramerel.com

Web: www.kramerelectronics.com



Bugs Fixed:

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:

Description
None listed

Known Limitations (including compatibility limitations):

Description
None listed

Preceding Version: F - 3260



KRAMER ELECTRONICS, Ltd.

E-mail: info@kramerel.com

Web: www.kramerelectronics.com



Product Name: VP-796/A

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 the Kramer Website: <http://www.kramrav.com>

Bugs to be Fixed in Future Version:

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

Known Limitations (including compatibility limitations):

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



KRAMER ELECTRONICS, Ltd.

E-mail: info@kramrel.com

Web: www.kramerelectronics.com