

Release Notes

Product Name: VP-551X

Current Version:

Type	Number	Date
Firmware	1.17	May 2021
Software	–	–
Web	–	–
Hardware	–	–

RN Date: May 30, 2021

Reference: 17406

Kramer Product Affected:

Product Name	Minimum FW Version for Upgrade	Recommended for All Units	Only if Added Features are Required
VP-551X	Any	Yes	Yes

Technical Notes:

- Added features and modification.

Codependency with Other Products and Software:

- There is no codependency with other products or software.



KRAMER ELECTRONICS, Ltd.

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Current Version:

Type	Number	Date
Firmware	1.17	May 2021
Software	–	–
Web	–	–
Hardware	–	–

RN Date: May 30, 2021

Reference: 17406

New Features:

	New Feature Description
	Freeze mode.
	Added #FAN?, #PSU?, #TEMPERATURE? commands to the instruction set to probe the wellbeing of the unit. VP-551X sends #FAN, #PSU, and #TEMPERATURE status when the device is booted up. It will also poll the status every 10 minutes and notify if a failure is detected.

Modifications:

QC ID	Modification Description
	EDID update: <ul style="list-style-type: none">• Byte 21: 1F• Byte 22: 11

Bugs to Fix in Future Versions:

QC ID	Deferred Bug Description
18805	Some commands are not echoed on RS-232 and Ethernet when implemented via the OSD or via a webpage.

Known Limitations (including compatibility limitations):

QC ID	Limitation Description
	None listed

Preceding Version: 1.15



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Release Notes History

Product Name: VP-551X

Current Version:

Type	Number	Date
Firmware	1.15	December 2020
Software	–	–
Web	–	–
Hardware	–	–

RN Date: December 23, 2020

Reference: 16918

Kramer Product Affected:

Product Name	Minimum FW Version for Upgrade	Recommended for All Units	Only if Added Features are Required
VP-551X	Any	Yes	Yes

Technical Notes:

- Fixed bugs.
- Added features.

Codependency with Other Products and Software:

- There is no codependency with other products or software.



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Product Name: VP-551X

Current Version:

Type	Number	Date
Firmware	1.15	December 2020
Software	–	–
Web	–	–
Hardware	–	–

RN Date: December 23, 2020

Reference: 16918

New Features:

	New Feature Description
	Added Line Mix slider on web page.
	Added value to AUD-LEVEL command io_mode parameter: 2 = line level.
	Added MIC1/MIC2/ line echoing.

Bugs Fixed:

QC ID	Fixed Bug Description
	Fixed FAN1/FAN2 status in web pages and Protocol 3000 API.
18661	You are now able to enter more than 3 digits to set the full range of color max settings.

Bugs to Fix in Future Versions:

QC ID	Deferred Bug Description
	None listed.

Known Limitations (including compatibility limitations):

QC ID	Limitation Description
	None listed

Preceding Version: 1.13



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Release Notes History

Product Name: VP-551X

Current Version:

Type	Number	Date
Firmware	1.13	September 2020
Software	–	–
Web	–	–
Hardware	–	–

RN Date: September 9, 2020

Reference: 16489

Kramer Product Affected:

Product Name	Minimum FW Version for Upgrade	Recommended for All Units	Only if Added Features are Required
VP-551X	Any	Yes	Yes

Technical Notes:

- Added new features and improvements.
- Fixed bugs.

Codependency with Other Products and Software:

- There is no codependency with other products or software.



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Release Notes History

Product Name: VP-551X

Current Version:

Type	Number	Date
Firmware	1.13	September 2020
Software	–	–
Web	–	–
Hardware	–	–

RN Date: September 9, 2020

Reference: 16489

New Features:

	New Feature Description
	Auto fan speed adjustment according to temperature.
	Web Pages: RS-232 tunneling via Ethernet selection added.
	Added CEC ON/OFF, SIGNAL, and CPEDID Protocol 3000 commands. See descriptions below:

Function	Description	Syntax	Parameters/Attributes	Example
CEC-MODE?	Get the CEC mode status.	COMMAND #CEC-MODE?_<CR> FEEDBACK ~nn@CEC-MODE_<cec_mode><CR><LF>	cec_mode – CEC mode 0 – CEC mode switched off and automatic TV power function disabled 1 – CEC mode switched on and automatic TV power function enabled	Get the CEC mode status: #CEC-MODE?<CR>



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<p>CPEDID</p>	<p>Copy EDID data from the output to the input EEPROM.</p> <p>① Destination bitmap size depends on device properties (for 64 inputs it is a 64-bit word). Example: bitmap 0x0013 means inputs 1,2 and 5 are loaded with the new EDID. In certain products Safe_mode is an optional parameter. See the HELP command for its availability.</p>	<p>COMMAND</p> <p><code>#CPEDID_edid_io,src_id,edid_io,dest_bitmap<CR></code></p> <p>or</p> <p><code>#CPEDID_edid_io,src_id,edid_io,dest_bitmap,safe_mode<CR></code></p> <p>FEEDBACK</p> <p><code>~nn@CPEDID_edid_io,src_id,edid_io,dest_bitmap<CR><LF></code></p> <p><code>~nn@CPEDID_edid_io,src_id,edid_io,dest_bitmap,safe_mode<CR><LF></code></p>	<p><code>edid_io</code> – EDID source type (usually output)</p> <p>0 – Input</p> <p>1 – Output</p> <p>2 – Default EDID</p> <p>3 – Custom EDID</p> <p><code>src_id</code> – Number of chosen source stage</p> <p>0 – Default EDID source</p> <p>1 – Output 1</p> <p>2 – Output 2</p> <p><code>edid_io</code> – EDID destination type (usually input)</p> <p>0 – Input</p> <p>1 – Output</p> <p>2 – Default EDID</p> <p>3 – Custom EDID</p> <p><code>dest_bitmap</code> – Bitmap representing destination IDs. Format: XXXX...X, where X is hex digit. The binary form of every hex digit represents corresponding destinations.</p> <p>0 – indicates that EDID data is not copied to this destination.</p> <p>1 – indicates that EDID data is copied to this destination.</p>	<p>Copy the EDID data from the Output 1 (EDID source) to the Input:</p> <p><code>#CPEDID_1,0x1<CR></code></p> <p>Copy the EDID data from the default EDID source to the Input:</p> <p><code>#CPEDID_2,0x1<CR></code></p>
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Release Notes History

Function	Description	Syntax	Parameters/Attributes	Example
			safe_mode – Safe mode 0 – device accepts the EDID as is without trying to adjust 1 – device tries to adjust the EDID (default value if no parameter is sent)	

Function	Description	Syntax	Parameters/Attributes	Example
SIGNAL?	Get input signal status.	COMMAND #SIGNAL?_inp_id<CR> FEEDBACK ~nn@SIGNAL_inp_id,status<CR><LF> >	inp_id – Input number 1 – HDMI 1 2 – HDMI 2 3 – HDMI 3 4 – HDMI 4 5 – HDMI 5 6 – HDMI 6 7 – HDMI 7 8 – HDMI 8 status – Signal status according to signal validation: 0 – Off 1 – On	Get the input signal lock status of IN 1: #SIGNAL?_1R>

Modifications:

QC ID	Modification Description
	Added 2560x1440 RB and 2560x 1600 RB to supported output resolutions.
	“Immediate” selection in Auto Sync Off.
	Changed HDMI default EDID to 4K@60 (4:4:4)
	Added two TCP clients.



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Bugs Fixed:

QC ID	Fixed Bug Description
14839	Freeze now mutes audio when in DSP mode.
15715	Added Standby button on web pages.

Bugs to Fix in Future Versions:

QC ID	Deferred Bug Description
	None listed.

Known Limitations (including compatibility limitations):

QC ID	Limitation Description
	None listed

Preceding Version: 1.07



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Release Notes History

1

Product Name: VP-551X

Current Version:

Type	Number	Date
Firmware	1.07	June 2019
Software	–	–
Web	–	–
Hardware	–	–

RN Date: June 23, 2019

Reference: 13869

Kramer Product Affected:

Product Name	Minimum FW Version for Upgrade	Recommended for All Units	Only if Added Features are Required
VP-551X	N/A	N/A	N/A

Technical Notes:

- This is a release note for a new product.

Codependency with Other Products and Software:

- There is no codependency with other products or software.



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Release Notes History

1

Product Name: VP-551X

Current Version:

Type	Number	Date
Firmware	1.07	June 2019
Software	–	–
Web	–	–
Hardware	–	–

RN Date: June 23, 2019

Reference: 13869

This is a release note for a new product. For a list of new product features see:

www.kramerav.com/manual/VP-551X

Bugs to Fix in Future Versions:

QC ID	Deferred Bug Description
15715	There is no standby button in the webpage.

Known Limitations (including compatibility limitations):

QC ID	Limitation Description
	None listed

Preceding Version: N/A



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