

Release Notes

Product Name: VS-88UHD, VS-84UHD, VS-66UHD, VS-48UHD

Current Version:

Type	Number	Date
Firmware	2.2_0000 1.2.2	September 2020
Software	–	–
Web	–	–
Hardware	–	–

RN Date: September 14, 2020

Reference: 16629

Kramer Product Affected:

Product Name	Minimum FW Version for Upgrade	Recommended for All Units	Only if Added Features are Required
VS-88UHD	Any	Yes	Yes
VS-84UHD	Any	Yes	Yes
VS-66UHD	Any	Yes	Yes
VS-48UHD	Any	Yes	Yes

Technical Notes:

- Fixed a bug.
- Device has been tested with the latest versions of each of the following market popular browsers:

Windows	IE / Edge
	Firefox
	Chrome
Mac	Safari

Codependency with Other Products and Software:

- There is no codependency with other products or software.



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Type	Number	Date
Firmware	2.2_0000 1.2.2	September 2020
Software	–	–
Web	–	–
Hardware	–	–

RN Date: September 14, 2020

Reference: 16629

The following changes were made in this version:

Bugs Fixed:

QC ID	Fixed Bug Description
18379	Loss of de-embedded analog audio rarely occurred after extensive switching.

Bugs to Fix in Future Versions:

QC ID	Deferred Bug Description
10220	Switching PS4(HDCP signal)->VP-774AMP->VS-88UHD->two screens (LG 49UB859Y-TA, Samsung U28D590D) from an unused input source causes video flashes of a few seconds
10221	Powering the VS-88UHD with the QCID 10220 connections may result in unstable video for up to 5 sec
10791	When the UDP port is changed from the default 50000, the Kramer Network cannot automatically discover the device
11603	When UDP port is changed from the default 50,000, Kramer Network does not automatically discover the device
11604	When TCP port is changed from the default 5,000, Kramer Network does not automatically discover the device
11744	Protocol 3000: Illegal gateway address in #NET-IP command returns "error 10" instead of expected "error 04"
11749	In Last Connected and Priority switching modes, switching may take longer than 3 seconds after disconnecting an input
11847	Embedded web page settings are only partially supported by iOS devices.
11850	LABEL Protocol 3000 command is not implemented.
12266	Protocol 3000 #VMUTE command implemented with opposite enable/disable = 0/1 polarity.
12267	WEB page message improvements are required.



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QC ID	Deferred Bug Description
12268	A failed Firmware upgrade due to accidental power shutdown requires system recovery sequence. Please contact Kramer technical support for information.
12275	EDID Designer Application to be supported in next FW version.

Known Limitations (including compatibility limitations):

QC ID	Limitation Description
	None listed.

Preceding Version: 2.1_0002 1.2.2



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Release Notes History

Product Name: VS-88UHD,VS-84UHD,VS-66UHD,VS-48UHD

Current Version:

Type	Number	Date
Firmware	2.1_0002 1.2.2	November 2019
Software	–	–
Web	–	–
Hardware	–	–

RN Date: November 11, 2019

Reference: 15718

Kramer Product Affected:

Product Name	Minimum FW Version for Upgrade	Recommended for All Units	Only if Added Features are Required
VS-88UHD	Any	Yes	Yes
VS-84UHD	Any	Yes	Yes
VS-66UHD	Any	Yes	Yes
VS-48UHD	Any	Yes	Yes

Technical Notes:

- Added one modification.
- Fixed a bug.

Codependency with Other Products and Software:

- There is no codependency with other products or software.



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Release Notes History

Product Name: VS-88UHD,VS-84UHD,VS-66UHD,VS-48UHD

Current Version:	Type	Number	Date
	Firmware	2.1_0002 1.2.2	November 2019
	Software	–	–
	Web	–	–
	Hardware	–	–

RN Date: November 11, 2019

Reference: 15718

The following changes were made in this version:

Modifications:

QC ID	Modification Description
	The switching time for the STO-RCL command has been shortened.

Bugs Fixed:

QC ID	Fixed Bug Description
16228	Using TCP communication and sending the # PRST-RCL command, communication would freeze and the connection would drop.

Bugs to Fix in Future Versions:

QC ID	Deferred Bug Description
10220	Switching PS4(HDCP signal)->VP-774AMP->VS-88UHD->two screens (LG 49UB859Y-TA, Samsung U28D590D) from an unused input source causes video flashes of a few seconds
10221	Powering the VS-88UHD with the QCID 10220 connections may result in unstable video for up to 5 sec
10791	When the UDP port is changed from the default 50000, the Kramer Network cannot automatically discover the device
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11744	Protocol 3000: Illegal gateway address in #NET-IP command returns "error 10" instead of expected "error 04"
11749	In Last Connected and Priority switching modes, switching may take longer than 3 seconds after disconnecting an input
11847	Embedded web page settings are only partially supported by iOS devices.



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QC ID	Deferred Bug Description
11850	LABEL Protocol 3000 command is not implemented.
12266	Protocol 3000 #VMUTE command implemented with opposite enable/disable = 0/1 polarity.
12267	WEB page message improvements are required.
12268	A failed Firmware upgrade due to accidental power shutdown requires system recovery sequence. Please contact Kramer technical support for information.
12275	EDID Designer Application to be supported in next FW version.

Known Limitations (including compatibility limitations):

QC ID	Limitation Description
	None listed.

Preceding Version: 2.0_0000 1.2.2



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Release Notes History

Product Name: VS-88UHD

Current Version:

Type	Number	Date
Firmware	2.0_0000 1.2.2	June 2018
Software	–	–
Web	–	–
Hardware	–	–

RN Date: June 2018

Reference: 14040

Kramer Product Affected:

Product Name	Minimum FW Version for Upgrade	Recommended for All Units	Only if Added Features are Required
VS-88UHD	Any	Yes	N/A

Technical Notes:

- Front panel keyboard features were modified.
- Several bugs were fixed.
- One Protocol 3000 command was fixed.

Codependency with Other Products and Software:

- There is no codependency with other products or software.



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Current Version:

Type	Number	Date
Firmware	2.0_0000 1.2.2	June 2018
Software	–	–
Web	–	–
Hardware	–	–

RN Date: June 2018

Reference: 14040

The following changes were made in this version:

Modifications:

QC ID	Modification Description															
	The following switching modes selection now remain indefinitely after being activated using the front panel buttons: Digital-Audio Follow Video Video Digital-Audio ARC															
	Default keyboard switching mode is now video with digital audio. The VIDEO and D-AUDIO buttons are lit.															
	After you activate one of the keyboard switching modes below, the unit remains in the new mode until you change to a different mode. The following keyboard switching modes were modified:															
	<table border="1"> <thead> <tr> <th>Buttons</th> <th>Button State</th> <th>Switching Mode</th> </tr> </thead> <tbody> <tr> <td>VIDEO + D-AUDIO</td> <td>ON + ON</td> <td>HDMI video and audio input to HDMI output (Default)</td> </tr> <tr> <td>VIDEO</td> <td>ON</td> <td>Video input to video output</td> </tr> <tr> <td>D-AUDIO</td> <td>ON</td> <td>Embedded HDMI audio input to HDMI output</td> </tr> <tr> <td>ARC</td> <td>ON</td> <td>ARC audio on the HDMI output to ARC audio on the HDMI input (input 1, 3, 5, and 7)</td> </tr> </tbody> </table>	Buttons	Button State	Switching Mode	VIDEO + D-AUDIO	ON + ON	HDMI video and audio input to HDMI output (Default)	VIDEO	ON	Video input to video output	D-AUDIO	ON	Embedded HDMI audio input to HDMI output	ARC	ON	ARC audio on the HDMI output to ARC audio on the HDMI input (input 1, 3, 5, and 7)
Buttons	Button State	Switching Mode														
VIDEO + D-AUDIO	ON + ON	HDMI video and audio input to HDMI output (Default)														
VIDEO	ON	Video input to video output														
D-AUDIO	ON	Embedded HDMI audio input to HDMI output														
ARC	ON	ARC audio on the HDMI output to ARC audio on the HDMI input (input 1, 3, 5, and 7)														

Release Notes History

QC ID	Modification Description
	<p>The following keyboard operation modes can also be selected. These keyboard operation modes return to the last switching mode 15 seconds after the last button press in those modes:</p> <ul style="list-style-type: none"> EDID Pattern Store Recall Auto Switching state Input HDCP on/off Switching speed Input port ARC/Step-In Support Output port Incoming ARC Disable

Bugs Fixed:

QC ID	Fixed Bug Description
9471	User/Password authentication Web Page is inactive for the current version
9816	Brightness of front panel button LEDs to be increased in next hardware batch
10390	Rarely, the product may freeze during Eth network multicast traffic flooding
10787	Default device name is 'Kramer_0000' with the use of Kramer management tool. Rename to distinguish it between multiple devices
10800	Web: EDID page, after successful EDID_copy operation, the popup message is shown at a glance
10811	Web: EDID page, 2-channel audio is not represented correctly. It keeps showing 'multichannel audio'
11849	Fixed Protocol 3000 FPGA-VER command.

Bugs to Fix in Future Versions:

QC ID	Deferred Bug Description
10220	Switching PS4(HDCP signal)->VP-774AMP->VS-88UHD->two screens (LG 49UB859Y-TA, Samsung U28D590D) from an unused input source causes video flashes of a few seconds
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QC ID	Deferred Bug Description
11744	Protocol 3000: Illegal gateway address in #NET-IP command returns "error 10" instead of expected "error 04"
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12267	WEB page message improvements are required.
12268	A failed Firmware upgrade due to accidental power shutdown requires system recovery sequence. Please contact Kramer technical support for information.
12275	EDID Designer Application to be supported in next FW version.

Known Limitations (including compatibility limitations):

QC ID	Limitation Description
	None listed.

Preceding Version: F – 1.1



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Release Notes History

Product Name: VS-88UHD

Current Version:

Type	Number	Date
Firmware	1.1	October 2017
Software	–	–
Web	–	–
Hardware	–	–

RN Date: October 2017

Reference: 11446

Kramer Product Affected:

Product Name	Minimum FW Version for Upgrade	Recommended for All Units	Only if Added Features are Required
VS-88UHD	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

Product Name: VS-88UHD

Current Version:

Type	Number	Date
Firmware	1.1	October 2017
Software	–	–
Web	–	–
Hardware	–	–

RN Date: October 2017

Reference: 11446

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

<http://www.kramerav.com/manual/VS-88UHD>

Bugs to Fix in Future Versions:

QC ID	Deferred Bug Description
11603	When UDP port is changed from the default 50,000, Kramer Network does not automatically discover the device
11604	When TCP port is changed from the default 5,000, Kramer Network does not automatically discover the device
11744	Protocol 3000: Illegal gateway address in #NET-IP command returns “error 10” instead of expected “error 04”
11749	In Last Connected and Priority switching modes, switching may take longer than 3 seconds after disconnecting an input

Known Limitations (including compatibility limitations):

- None listed.

Preceding Version: N/A



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