

Release Notes

Product Name: VS-84UT, VS-88UT

Current Version:

Type	Number	Date
Firmware	02.01.0014_1	July 2021
Software	–	–
Web	–	–
Hardware	–	–

RN Date: July 19, 2021

Reference: 17611-2

Kramer Product Affected:

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

Technical Notes:

- Fixed bugs.

Codedependency with Other Products and Software:

- There is no codedependency with other products or software.



KRAMER ELECTRONICS, Ltd.

E-mail: info@kramerav.com

Web: www.kramerav.com

Release Notes

Product Name: VS-84UT, VS-88UT

Current Version:

Type	Number	Date
Firmware	02.01.0014_1	July 2021
Software	–	–
Web	–	–
Hardware	–	–

RN Date: July 19, 2021

Reference: 17611-2

Bugs Fixed:

QC ID	Fixed Bug Description
	Improved Step In switching feature.
	Fixed Ethernet function.
	Solved issue with default EDID during upgrade.

Bugs to Fix in Future Versions:

QC ID	Deferred Bug Description
10843	FW upgrade connection: due to RS-232 baud rate limitations it is recommended to use TCP/UDP rather than RS-232 connection when performing FW upgrade
10878	UDP port 50000 becomes disabled if user defines another UDP port.
11261	USB 2.0 could fail when copying over 100MB with some types of flash drives.
11283	The 2 Ethernet port indication LEDs on the back panel light ON when the port is disconnected.
11516	EDID management remote actions may result in a short discontinuity of HDCP encrypted video output.
11773	FW upgrade should be done through Ethernet, not through the Mini-USB connector.
12285	Web page browsing with IE and Safari requires manual refresh after performing product Reset.
12290	Web page FW upgrade using IE Edge browser may fail. It is recommended to use Chrome or Firefox browsers for the best results.
12319	RC Virtual Device on Web: Device startup option is not supported.
12334	The Factory Reset button does not reset the configuration file of the Room Controller card.



KRAMER ELECTRONICS, Ltd.

E-mail: info@kramerav.com

Web: www.kramerav.com

Release Notes

QC ID	Deferred Bug Description
12335	HDBT/HDMI selection does not trigger the input as LAST CONNECTED when output is configured in LC auto switching.
14407	Analog audio source embedded to a video pattern source may experience up to 3 sec audio discontinue following HDMI video source switching.
14758	Step-In trigger does not override audio routing defined by AFV and Audio followers on input port (HDMI, HDBT).
14783	Maximum supported Ethernet connections is 13.
14971	Default EDID native resolution is 720p. Make sure to manage/copy relevant screen EDIDs for passing 4K and 1080p resolutions through the product.
15294	Factory reset operation should be followed by a reboot of the matrix in order to ensure the Screens Sleep timer operates correctly.
15675	Remote Mute dry contact interface affects the Global Mute web alert, yet does not put the video and audio outputs into mute mode.

Known Limitations (including compatibility limitations):

QC ID	Limitation Description
	Ports TCP 50001 and UDP 50001 are allocated to the ROOM controller communication and are not configurable. TCP 5000 is the Control Port for the unit and can be changed to everything except 50001. UDP 50000 is the Control Port for the unit and can be changed to everything except 50001.
10985	HDBT ports hot plug-in or plug-out may trigger a wrong auto switching
11447	Remote control: Date is not presented on the remote control when defined as a slave device for the unit.
11466	Remote control: Knobs of the remote control do not function when defined as slave device for the unit.
14786	K-Config doesn't work with the device. Maestro cannot be uploaded or downloaded via K-Config.

Preceding Version: 02.01.0012



KRAMER ELECTRONICS, Ltd.

E-mail: info@kramerav.com

Web: www.kramerav.com

Release Notes History

Product Name: VS-84UT, VS-88UT

Current Version:

Type	Number	Date
Firmware	02.01.0012	December 2020
Software	–	–
Web	–	–
Hardware	–	–

RN Date: December 8, 2020

Reference: 17047-8

Kramer Product Affected:

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

Technical Notes:

- HDBaseT firmware update.
- Fixed a bug.

Codependency with Other Products and Software:

- There is no codependency with other products or software.



KRAMER ELECTRONICS, Ltd.

E-mail: info@kramerav.com

Web: www.kramerav.com

Release Notes History

Product Name: VS-84, VS-88UT

Current Version:

Type	Number	Date
Firmware	02.01.0012	December 2020
Software	–	–
Web	–	–
Hardware	–	–

RN Date: December 8, 2020

Reference: 17047-8

Bugs Fixed:

QC ID	Fixed Bug Description
	Step-In functionality now supported at HDBaseT inputs. Note: This Step-In functionality issue related to the specific HDBaseT FW that was used in Version 02.01.0009.

Bugs to Fix in Future Versions:

QC ID	Deferred Bug Description
10843	FW upgrade connection: due to RS-232 baud rate limitations it is recommended to use TCP/UDP rather than RS-232 connection when performing FW upgrade
10878	UDP port 50000 becomes disabled if user defines another UDP port.
11261	USB 2.0 could fail when copying over 100MB with some types of flash drives.
11283	The 2 Ethernet port indication LEDs on the back panel light ON when the port is disconnected.
11516	EDID management remote actions may result in a short discontinuity of HDCP encrypted video output.
11773	FW upgrade should be done through Ethernet, not through the Mini-USB connector.
12285	Web page browsing with IE and Safari requires manual refresh after performing product Reset.
12290	Web page FW upgrade using IE Edge browser may fail. It is recommended to use Chrome or Firefox browsers for the best results.
12319	RC Virtual Device on Web: Device startup option is not supported.
12334	The Factory Reset button does not reset the configuration file of the Room Controller card.
12335	HDBT/HDMI selection does not trigger the input as LAST CONNECTED when output is configured in LC auto switching.



KRAMER ELECTRONICS, Ltd.

E-mail: info@kramerav.com

Web: www.kramerav.com

Release Notes History

QC ID	Deferred Bug Description
14407	Analog audio source embedded to a video pattern source may experience up to 3 sec audio discontinue following HDMI video source switching.
14758	Step-In trigger does not override audio routing defined by AFV and Audio followers on input port (HDMI, HDBT).
14783	Maximum supported Ethernet connections is 13.
14971	Default EDID native resolution is 720p. Make sure to manage/copy relevant screen EDIDs for passing 4K and 1080p resolutions through the product.
15294	Factory reset operation should be followed by a reboot of the matrix in order to ensure the Screens Sleep timer operates correctly.
15675	Remote Mute dry contact interface affects the Global Mute web alert, yet does not put the video and audio outputs into mute mode.

Known Limitations (including compatibility limitations):

QC ID	Limitation Description
	Ports TCP 50001 and UDP 50001 are allocated to the ROOM controller communication and are not configurable. TCP 5000 is the Control Port for the unit and can be changed to everything except 50001. UDP 50000 is the Control Port for the unit and can be changed to everything except 50001.
10985	HDBT ports hot plug-in or plug-out may trigger a wrong auto switching
11447	Remote control: Date is not presented on the remote control when defined as a slave device for the unit.
11466	Remote control: Knobs of the remote control do not function when defined as slave device for the unit.
14786	K-Config doesn't work with the device. Maestro cannot be uploaded or downloaded via K-Config.

Preceding Version: 02.01.0009



KRAMER ELECTRONICS, Ltd.

E-mail: info@kramerav.com

Web: www.kramerav.com

Release Notes History

Product Name: VS-84UT, VS-88UT

Current Version:

Type	Number	Date
Firmware	02.01.0009	October 2020
Software	–	–
Web	–	–
Hardware	–	–

RN Date: October 25, 2020

Reference: 16868-9

Kramer Product Affected:

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

Technical Notes:

- Fixed a bug.
- HDBaseT firmware update.

Codependency with Other Products and Software:

- There is no codependency with other products or software.



KRAMER ELECTRONICS, Ltd.

E-mail: info@kramerav.com

Web: www.kramerav.com

Release Notes History

Product Name: VS-84UT, VS-88UT

Current Version:

Type	Number	Date
Firmware	02.01.0009	October 2020
Software	–	–
Web	–	–
Hardware	–	–

RN Date: October 25, 2020

Reference: 16868-9

Modifications:

QC ID	Modification Description
	HDBaseT firmware update.

Bugs Fixed:

QC ID	Fixed Bug Description
16310	Analog audio output lines Phase polarization mismatch fix

Bugs to Fix in Future Versions:

QC ID	Deferred Bug Description
10843	FW upgrade connection: due to RS-232 baud rate limitations it is recommended to use TCP/UDP rather than RS-232 connection when performing FW upgrade
10878	UDP port 50000 becomes disabled if user defines another UDP port.
11261	USB 2.0 could fail when copying over 100MB with some types of flash drives.
11283	The 2 Ethernet port indication LEDs on the back panel light ON when the port is disconnected.
11516	EDID management remote actions may result in a short discontinuity of HDCP encrypted video output.
11773	FW upgrade should be done through Ethernet, not through the Mini-USB connector.
12285	Web page browsing with IE and Safari requires manual refresh after performing product Reset.
12290	Web page FW upgrade using IE Edge browser may fail. It is recommended to use Chrome or Firefox browsers for the best results.
12319	RC Virtual Device on Web: Device startup option is not supported.



KRAMER ELECTRONICS, Ltd.

E-mail: info@kramerav.com

Web: www.kramerav.com

Release Notes History

QC ID	Deferred Bug Description
12334	The Factory Reset button does not reset the configuration file of the Room Controller card.
12335	HDBT/HDMI selection does not trigger the input as LAST CONNECTED when output is configured in LC auto switching.
14407	Analog audio source embedded to a video pattern source may experience up to 3 sec audio discontinue following HDMI video source switching.
14758	Step-In trigger does not override audio routing defined by AFV and Audio followers on input port (HDMI, HDBT).
14783	Maximum supported Ethernet connections is 13.
14971	Default EDID native resolution is 720p. Make sure to manage/copy relevant screen EDIDs for passing 4K and 1080p resolutions through the product.
15294	Factory reset operation should be followed by a reboot of the matrix in order to ensure the Screens Sleep timer operates correctly.
15675	Remote Mute dry contact interface affects the Global Mute web alert, yet does not put the video and audio outputs into mute mode.

Known Limitations (including compatibility limitations):

QC ID	Limitation Description
	Ports TCP 50001 and UDP 50001 are allocated to the ROOM controller communication and are not configurable. TCP 5000 is the Control Port for the unit and can be changed to everything except 50001. UDP 50000 is the Control Port for the unit and can be changed to everything except 50001.
10985	HDBT ports hot plug-in or plug-out may trigger a wrong auto switching
11447	Remote control: Date is not presented on the remote control when defined as a slave device for the unit.
11466	Remote control: Knobs of the remote control do not function when defined as slave device for the unit.
14786	K-Config doesn't work with the device. Maestro cannot be uploaded or downloaded via K-Config.

Preceding Version: 02.01.0007



KRAMER ELECTRONICS, Ltd.

E-mail: info@kramerav.com

Web: www.kramerav.com

Release Notes History

Product Name: VS-84UT, VS-88UT

Current Version:

Type	Number	Date
Firmware	02.01.0007	July 2019
Software	–	–
Web	–	–
Hardware	–	–

RN Date: September 23, 2019

Reference: 15557-60

Kramer Product Affected:

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

Technical Notes:

- Added new features.
- Fixed a bug.
- New features are described in the updated User Manual.
- 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.



KRAMER ELECTRONICS, Ltd.

E-mail: info@kramerav.com

Web: www.kramerav.com

Release Notes History

Product Name: VS-84UT, VS-88UT

Current Version:	Type	Number	Date
	Firmware	02.01.0007	July 2019
	Software	–	–
	Web	–	–
	Hardware	–	–

RN Date: September 23, 2019

Reference: 15557-60

The following changes were made in this version:

New Features:

	New Feature Description
	Step-In support on all HDMI and HDBT inputs.
	Preset device settings save and load.
	Maestro v1.5 room automation.

Bugs Fixed:

QC ID	Fixed Bug Description
14071	WEB: there is no "on the fly" update about PoE settings changed by P3K.

Bugs to Fix in Future Versions:

QC ID	Deferred Bug Description
10843	FW upgrade connection: due to RS-232 baud rate limitations it is recommended to use TCP/UDP rather than RS-232 connection when performing FW upgrade
10878	UDP port 50000 becomes disabled if user defines another UDP port.
11261	USB 2.0 could fail when copying over 100MB with some types of flash drives.
11283	The 2 Ethernet port indication LEDs on the back panel light ON when the port is disconnected.
11516	EDID management remote actions may result in a short discontinuity of HDCP encrypted video output.
11773	FW upgrade should be done through Ethernet, not through the Mini-USB connector.
12285	Web page browsing with IE and Safari requires manual refresh after performing product Reset.



KRAMER ELECTRONICS, Ltd.

E-mail: info@kramerav.com

Web: www.kramerav.com

Release Notes History

QC ID	Deferred Bug Description
12290	Web page FW upgrade using IE Edge browser may fail. It is recommended to use Chrome or Firefox browsers for the best results.
12319	RC Virtual Device on Web: Device startup option is not supported.
12334	The Factory Reset button does not reset the configuration file of the Room Controller card.
12335	HDBT/HDMI selection does not trigger the input as LAST CONNECTED when output is configured in LC auto switching.
14407	Analog audio source embedded to a video pattern source may experience up to 3 sec audio discontinue following HDMI video source switching.
14758	Step-In trigger does not override audio routing defined by AFV and Audio followers on input port (HDMI, HDBT).
14783	Maximum supported Ethernet connections is 13.
14971	Default EDID native resolution is 720p. Make sure to manage/copy relevant screen EDIDs for passing 4K and 1080p resolutions through the product.
15294	Factory reset operation should be followed by a reboot of the matrix in order to ensure the Screens Sleep timer operates correctly.
15675	Remote Mute dry contact interface affects the Global Mute web alert, yet does not put the video and audio outputs into mute mode.

Known Limitations (including compatibility limitations):

QC ID	Limitation Description
	Ports TCP 50001 and UDP 50001 are allocated to the ROOM controller communication and are not configurable. TCP 5000 is the Control Port for the unit and can be changed to everything except 50001. UDP 50000 is the Control Port for the unit and can be changed to everything except 50001.
10985	HDBT ports hot plug-in or plug-out may trigger a wrong auto switching
11447	Remote control: Date is not presented on the remote control when defined as a slave device for the unit.
11466	Remote control: Knobs of the remote control do not function when defined as slave device for the unit.
14786	K-Config doesn't work with the device. Maestro cannot be uploaded or downloaded via K-Config.

Preceding Version: 01.01.0201



KRAMER ELECTRONICS, Ltd.

E-mail: info@kramerav.com

Web: www.kramerav.com

Release Notes History

Product Name: VS-88UT

Current Version:

Type	Number	Date
Firmware	01.01.0201	August 2018
Software	–	–
Web	–	–
Hardware	–	–

RN Date: August 2018

Reference: 14285

Kramer Product Affected:

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

Technical Notes:

- New support for PoE selection via the Web Interface.
- Modifications were made.
- Bugs were fixed.

Codependency with Other Products and Software:

- There is no codependency with other products or software.



KRAMER ELECTRONICS, Ltd.

E-mail: info@kramerav.com

Web: www.kramerav.com

Release Notes History

Product Name: VS-88UT

Current Version:

Type	Number	Date
Firmware	01.01.0201	August 2018
Software	–	–
Web	–	–
Hardware	–	–

RN Date: August 2018

Reference: 14285

The following changes were made in this version:

New Features:

	New Feature Description
	Support for PoE selection via the Web Interface

Bugs Fixed:

QC ID	Fixed Bug Description
10853	K-Config and K-Upload can only be used through TCP.
14182	When product burnt with SL-280 (and not with WEB/KUPLOAD), the EDID was not read correctly from the outputs
14243	When updating the product from version 1.14 to 1.103, the PoE of OUTPUT 5/6 appeared disabled, but actually were actually enabled.
13952	VS-88UT does not support PoE input properly. (cannot use GUI)
14004	Colors distortion when switching from 4K @ 60 YUV (4:2:0) to 4K @ 30 RGB (4:4:4)
14005	Bad Colorimetry conversion at 1080p
14104	Colorimetry issue for 1080p RGB/YUV 4:4:4 and 4:2:0

Bugs to Fix in Future Versions:

QC ID	Deferred Bug Description
10843	FW upgrade connection: due to RS-232 baud rate limitations it is recommended to use TCP/UDP rather than RS-232 connection when performing FW upgrade
10878	UDP port 50000 becomes disabled if user defines another UDP port.
11261	USB 2.0 could fail when copying over 100MB with some types of flash drives.
11283	WAN port indication LED lights when the port is disconnected.
11516	EDID management remote actions may result in a short discontinuity of HDCP encrypted video output.



KRAMER ELECTRONICS, Ltd.

E-mail: info@kramerav.com

Web: www.kramerav.com

Release Notes History

QC ID	Deferred Bug Description
11773	FW upgrade should be done through Ethernet, not through the Mini-USB connector.
12285	Web page browsing with IE and Safari requires manual refresh after performing product Reset.
12290	Web page FW upgrade using IE Edge browser may fail. It is recommended to use Chrome or Firefox browsers for the best results.
12319	RC Virtual Device on Web: Device startup option is not supported.
12334	The Factory Reset button does not reset the configuration file of the Room Controller card.
12335	HDBT/HDMI selection does not trigger the input as LAST CONNECTED when output is configured in LC auto switching.
14071	WEB: there is no "on the fly" update about PoE settings changed by P3K.

Known Limitations (including compatibility limitations):

QC ID	Limitation Description
10985	HDBT ports hot plug-in or plug-out may trigger a wrong auto switching
11447	Remote control: Date is not presented on the remote control when defined as a slave device for the unit.
11466	Remote control: Knobs of the remote control do not function when defined as slave device for the unit.

Preceding Version: 01.01.0014



KRAMER ELECTRONICS, Ltd.

E-mail: info@kramerav.com

Web: www.kramerav.com

Release Notes History

Product Name: VS-84UT, VS-88UT

Current Version:

Type	Number	Date
Firmware	01.01.0014	January 2018
Software	–	–
Web	–	–
Hardware	–	–

RN Date: January 2018

Reference: 10515

Kramer Product Affected:

Product Name	Minimum FW Version for Upgrade	Recommended for All Units	Only if Added Features are Required
VS-84UT, VS-88UT	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.



KRAMER ELECTRONICS, Ltd.

E-mail: info@kramerav.com

Web: www.kramerav.com

Release Notes History

Product Name: VS-84UT, VS-88UT

Current Version:

Type	Number	Date
Firmware	01.01.0014	January 2018
Software	–	–
Web	–	–
Hardware	–	–

RN Date: January 2018

Reference: 10515

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

www.kramerav.com/manual/VS-84UT

Bugs to Fix in Future Versions:

QC ID	Deferred Bug Description
10843	FW upgrade connection: due to RS-232 baud rate limitations it is recommended to use TCP/UDP rather than RS-232 connection when performing FW upgrade
10853	K-Config and K-Upload can only be used through TCP
10878	UDP port 50000 becomes disabled if user defines another UDP port.
10985	HDBT ports hot plug-in or plug-out may trigger a wrong auto switching
11261	Over 100MB file copy through USB 2.0 could fail with some types of flash drives
11283	WAN port indication LED lights when the port is disconnected
11447	Remote control: Date is not presented on the remote control when defined as a slave device for the unit.
11466	Remote control: Knobs of the remote control do not function when defined as slave device for the unit.
11516	EDID management remote actions, for example through EDID Designer application, may result in a short discontinuity of HDCP encrypted video output.
11773	FW upgrade should be done through Ethernet, not through the Mini-USB connector.
12285	Web page browsing with IE and Safari need manual refresh after performing product Reset
12290	Web page FW upgrade using IE Edge browser may fail. It is recommended to use Chrome and Firefox browsers for the best results.
12319	RC Virtual Device on Web: Device startup option is not supported.
12334	The factory Reset button does not reset the configuration file of the Room Controller card.
12335	HDBT/HDMI selection does not trigger the input as LAST CONNECTED when output is configured in LC auto switching.



KRAMER ELECTRONICS, Ltd.

E-mail: info@kramerav.com

Web: www.kramerav.com

Release Notes History

Known Limitations (including compatibility limitations):

QC ID	Limitation Description
	None listed.

Preceding Version: N/A



KRAMER ELECTRONICS, Ltd.

E-mail: info@kramerav.com

Web: www.kramerav.com