

Release Notes

Product Name: SL-240

Current Version:

Type	Number	Date
Firmware	01.01.0005	
Software	Kramer Control Brain Version 2.4.3	August 2020
Web	–	–
Hardware	–	–

RN Date: August 9, 2020

Reference: 16664

Kramer Product Affected:

Product Name	Minimum FW Version for Upgrade	Recommended for All Units	Only if Added Features are Required
SL-240	Any	Yes	Yes

Technical Notes:

Fixed several bugs.

Codependency with Other Products and Software:

Product Name	Comments
Kramer Control	



KRAMER ELECTRONICS, Ltd.

E-mail: info@kramerav.com

Web: www.kramerav.com

Release Notes

Product Name: SL-240

Current Version:

Type	Number	Date
Firmware	01.01.0005	
Software	Kramer Control Brain Version 2.4.3	August 2020
Web	–	–
Hardware	–	–

RN Date: August 9, 2020

Reference: 16664

Bugs Fixed:

QC ID	Fixed Bug Description
	Improved Brain memory usage during Publishing: Brain memory would continue to increase after a publish event even if little to no programming changes were being made.
	Offline publish now works correctly.
	Improved the Sync on WAN restore function so that the Brain no longer attempts a full sync if no changes were made to programming. This includes a removal of the attempt to download new devices and new images
	Improved Offline publishing by blocking attempts to upload a publishing file from a different Brain installation.
	Brain state no longer attempts API server access when the Brain is set to ActiveOffline state.
	Brain logs no longer show error message of "Attempting to access state value without a valid state".

Bugs to Fix in Future Versions:

QC ID	Deferred Bug Description
10295	In some cases, ERR 007 appears while upgrading FW version to a remote device
	Device Drivers update inside the Brain without Publishing.

Known Limitations (including compatibility limitations):

QC ID	Limitation Description
	None listed.

Preceding Version: 01.01.0005



KRAMER ELECTRONICS, Ltd.

E-mail: info@kramerav.com

Web: www.kramerav.com

Release Notes History

Product Name: SL-240

Current Version:

Type	Number	Date
Firmware	01.01.0005	
Software	Kramer Control Brain Version 2.4.1	June 2020
Web	–	–
Hardware	–	–

RN Date: June 8, 2020

Reference: 16470

Kramer Product Affected:

Product Name	Minimum FW Version for Upgrade	Recommended for All Units	Only if Added Features are Required
SL-240	Any	Yes	Yes

Technical Notes:

- Modifications and bug fixes.

Codependency with Other Products and Software:

Product Name	Comments
Kramer Control	

Release Notes History

Product Name: SL-240

Current Version:

Type	Number	Date
Firmware	01.01.0005	
Software	Kramer Control Brain Version 2.4.1	June 2020
Web	–	–
Hardware	–	–

RN Date: June 8, 2020

Reference: 16470

The following changes were made in this version:

Modifications:

	Modification Description
	Brain Webpage Improvements Watchdog Control Enable/Disable Watchdog (Default = On). Enable/Disable checking if Brain is repeatedly crashing (Default = On). Enable/Disable Brain RAM verification (Default = On). Enable/Disable/Set Watchdog Trigger Phrases (Default = On) – User can set specific phrases with which to trigger the Watchdog. Enable/Disable Log storage verification (Default = On). Multi Brain View View/access/set multiple Brains from one webpage. Perform Bulk Actions to Brain Actions & Brain Watchdog settings on multiple Brains at one time. Access specific Brains from one location.

Bugs Fixed:

QC ID	Fixed Bug Description
	Controlled devices now properly connect to the Brain after an Offline Publish is finished.
	New and existing images now appear in the UI after an offline publish.
	User can no longer clear the cache on Brains not connected to WAN, which would cause Brains to become un-provisioned.
	Drivers with two or more categories with the same name caused the brain to crash.
	Brain Web-UI – You are now able to access information and perform actions on a brain with port number different than 8000.



KRAMER ELECTRONICS, Ltd.

E-mail: info@kramerav.com

Web: www.kramerav.com

Release Notes History

Bugs to Fix in Future Versions:

QC ID	Deferred Bug Description
10295	In some cases, ERR 007 appears while upgrading FW version to a remote device
	Device Drivers update inside the Brain without Publishing.

Known Limitations (including compatibility limitations):

QC ID	Limitation Description
	None listed.

Preceding Version: 01.01.0005



KRAMER ELECTRONICS, Ltd.

E-mail: info@kramerav.com

Web: www.kramerav.com

Release Notes History

Product Name: SL-240

Current Version:

Type	Number	Date
Firmware	01.01.0005	March 2020
Software	–	–
Web	–	–
Hardware	–	–

RN Date: March 5, 2020

Reference: 16290

Kramer Product Affected:

Product Name	Minimum FW Version for Upgrade	Recommended for All Units	Only if Added Features are Required
SL-240	Any	Yes	Yes

Technical Notes:

- New features.
- Bug fixes.

Codependency with Other Products and Software:

Product Name	Comments
Kramer Control	



KRAMER ELECTRONICS, Ltd.

E-mail: info@kramerav.com

Web: www.kramerav.com

Release Notes History

Product Name: SL-240

Current Version:

Type	Number	Date
Firmware	01.01.0005	March 2020
Software	–	–
Web	–	–
Hardware	–	–

RN Date: March 5, 2020

Reference: 16290

The following changes were made in this version:

New Features:

	New Feature Description
	Offline Publishing – Enables publishing changes to Brains that are not connected to a WAN. Using only a LAN connection, a Kramer Control Programmer can upload a file to the Kramer-UI page of the Brain (<brain_ip>:8000/kramer-ui/index.html).
	KC-BRAINware-5/25/50 – Enables running 5, 25, or 50 instances of BRAINware on a machine. These devices create Docker containers for each Brain with unique IP addresses and function as a separate Brain.
	Forced Active Offline – Enables forcing offline mode so that when the Brain becomes active it does not attempt to reach Kramer Control servers.
	Kramer-UI webpage now includes additional API commands to clear cache, clear logs, enable/disable options for different Brain settings and the upload area for the Offline Publishing file.

Modifications:

QC ID	Modification Description
	The order of Macros and Events is now maintained after refreshing the Builder page.
	Device name edits are now saved without requiring a Builder webpage refresh.
	Brains now maintain connections with KNX and other devices after the Brains restart.
	“Forced_Active_Offline” state persists after a hardware reset.



KRAMER ELECTRONICS, Ltd.

E-mail: info@kramerav.com

Web: www.kramerav.com

Release Notes History

Bugs to Fix in Future Versions:

QC ID	Deferred Bug Description
10295	In some cases, ERR 007 appears while upgrading FW version to a remote device
	Drivers with two or more categories with the same name cause the brain to crash.
	Device Drivers update inside the Brain without Publishing.
	Brain Web-UI – Unable to access information and perform actions on a brain with port number different than 8000.

Known Limitations (including compatibility limitations):

QC ID	Limitation Description
	None listed.

Preceding Version: 01.01.0005



KRAMER ELECTRONICS, Ltd.

E-mail: info@kramerav.com

Web: www.kramerav.com

Release Notes History

Product Name: SL-240

Current Version:

Type	Number	Date
Firmware	01.01.0005	August 2018
Software	Kramer Control Brain Version 2.2.9	November 2019
Web	–	–
Hardware	–	–

RN Date: November 11, 2019

Reference: 16016

Kramer Product Affected:

Product Name	Minimum FW Version for Upgrade	Recommended for All Units	Only if Added Features are Required
SL-240	Any	Yes	Yes

Technical Notes:

- New features.
- Bug fixes.

Codependency with Other Products and Software:

Product Name	Comments
Kramer Control	



KRAMER ELECTRONICS, Ltd.

E-mail: info@kramerav.com

Web: www.kramerav.com

Release Notes History

Product Name: SL-240

Current Version:

Type	Number	Date
Firmware	01.01.0005	August 2018
Software	Kramer Control Brain Version 2.2.9	November 2019
Web	–	–
Hardware	–	–

RN Date: November 11, 2019

Reference: 16016

The following changes were made in this version:

New Features:

	New Feature Description
	Brain “Watchdog”: Monitoring function that runs in the background and improves stability for new and existing Kramer Control installations.
	New Brain API Commands: Clear cache Clear logs Data reset on publish Forced active offline

Modifications:

QC ID	Modification Description
	Improved Offline mode stability.
	Improved Brain stability when publishing large spaces.

Bugs Fixed:

QC ID	Fixed Bug Description
	Brain now maintains connection with KNX and other devices after restarting the Brain device.

Bugs to Fix in Future Versions:

QC ID	Deferred Bug Description
10295	In some cases, ERR 007 appears while upgrading FW version to a remote device



KRAMER ELECTRONICS, Ltd.

E-mail: info@kramerav.com

Web: www.kramerav.com

Release Notes History

QC ID	Deferred Bug Description
	Drivers with two or more categories with the same name cause the brain to crash.
	Device Drivers update inside the Brain without Publishing.
	Brain Web-UI – Unable to access information and perform actions on a brain with port number different than 8000.

Known Limitations (including compatibility limitations):

QC ID	Limitation Description
	None listed.

Preceding Version: F: 01.01.0005, S: 2.2.7



KRAMER ELECTRONICS, Ltd.

E-mail: info@kramerav.com

Web: www.kramerav.com

Release Notes History

Product Name: SL-240

Current Version:

Type	Number	Date
Firmware	01.01.0005	August 2018
Software	Kramer Control Brain version 2.2.7	August 2019
Web	–	–
Hardware	–	–

RN Date: August 19, 2019

Reference: 15796

Kramer Product Affected:

Product Name	Minimum FW Version for Upgrade	Recommended for All Units	Only if Added Features are Required
SL-240	Any	Yes	Yes

Technical Notes:

- This version includes improvements and bug fixes.

Codependency with Other Products and Software:

Product Name	Comments
Kramer Control	

Release Notes History

Product Name: SL-240

Current Version:

Type	Number	Date
Firmware	01.01.0005	August 2018
Software	Kramer Control Brain version 2.2.7	August 2019
Web	–	–
Hardware	–	–

RN Date: August 19, 2019

Reference: 15796

The following changes were made in this version:

Modifications:

QC ID	Modification Description
Brain	Provided new setting for Brain when WAN connection is lost and a sync occurs after WAN is restored. See Kramer Control Knowledgebase for more information.

Bugs Fixed:

QC ID	Fixed Bug Description
Brain	Brain now connects to cloud services even when log storage is full.
	Log files are now able to download even when log storage is full.
	When devices are connected to multiple GPI/O or relay ports, they now can be executed properly on Kramer SL-280, SL-240C, SL-240.
	Triggering of Timed Events is no longer affected when you overwrite project settings in a space.

Bugs to Fix in Future Versions:

QC ID	Deferred Bug Description
10295	In some cases, ERR 007 appears while upgrading FW version to a remote device
	Drivers with two or more categories with the same name cause the brain to crash.
	Device Drivers update inside the Brain without Publishing.
	Brain Web-UI – Unable to access information and perform actions on a brain with port number different than 8000.



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: F – 01.01.0005, S – 2.2.7



KRAMER ELECTRONICS, Ltd.

E-mail: info@kramerav.com

Web: www.kramerav.com

Release Notes History

Product Name: SL-240

Current Version:

Type	Number	Date
Firmware	01.01.0005	August 2018
Software	Kramer Control Brain version 2.2.5	June 2019
Web	–	–
Hardware	–	–

RN Date: June 18, 2019

Reference: 15572

Kramer Product Affected:

Product Name	Minimum FW Version for Upgrade	Recommended for All Units	Only if Added Features are Required
SL-240	Any	Yes	Yes

Technical Notes:

- Fixed bugs.

Codependency with Other Products and Software:

Product Name	Comments
Kramer Control	

Release Notes History

Product Name: SL-240

Current Version:

Type	Number	Date
Firmware	01.01.0005	August 2018
Software	Kramer Control Brain version 2.2.5	June 2019
Web	–	–
Hardware	–	–

RN Date: June 18, 2019

Reference: 15572

The following changes were made in this version:

Bugs Fixed:

QC ID	Fixed Bug Description
	Express Mode control now also works with different Brain and Client app versions.
	Updating properties of the Web URL widget was improved.

Bugs to Fix in Future Versions:

QC ID	Deferred Bug Description
10295	In some cases, ERR 007 appears while upgrading FW version to a remote device
	BRAINware sign-in required after period of usage.
	Drivers with two or more categories with the same name cause the brain to crash.
	Device Drivers update inside the Brain without Publishing.
	Brain Web-UI – Unable to access information and perform actions on a brain with port number different than 8000.

Known Limitations (including compatibility limitations):

QC ID	Limitation Description
	None listed.

Preceding Version: FW: 01.01.0005, SW: 2.0.11



KRAMER ELECTRONICS, Ltd.

E-mail: info@kramerav.com

Web: www.kramerav.com

Release Notes History

Product Name: SL-240

Current Version:

Type	Number	Date
Firmware	01.01.0005	August 2018
Software	Kramer Control Brain version 2.0.11	May 2019
Web	–	–
Hardware	–	–

RN Date: May 12, 2019

Reference: 15437

Kramer Product Affected:

Product Name	Minimum FW Version for Upgrade	Recommended for All Units	Only if Added Features are Required
SL-240	Any	Yes	Yes

Technical Notes:

- Fixed bugs.

Codependency with Other Products and Software:

Product Name	Comments
Kramer Control	



KRAMER ELECTRONICS, Ltd.

E-mail: info@kramerav.com

Web: www.kramerav.com

Release Notes History

Product Name: SL-240

Current Version:

Type	Number	Date
Firmware	01.01.0005	August 2018
Software	Kramer Control Brain version 2.0.11	May 2019
Web	–	–
Hardware	–	–

RN Date: May 12, 2019

Reference: 15437

The following changes were made in this version:

Bugs Fixed:

QC ID	Fixed Bug Description
	Weather States were not being updated.
	Large spaces would crash the Brain and start a synchronizing loop after the crash.
	Brain was not able to access the cloud server for the Space after a period of time. This issue caused spaces to show an unpublished state when api/vtest/general was checked and caused an error in the log monitor showing the Brain was not connected to the server.

Bugs to Fix in Future Versions:

QC ID	Deferred Bug Description
10295	In some cases, ERR 007 appears while upgrading FW version to a remote device
	BRAINware sign-in required after period of usage.
	Drivers with two or more categories with the same name cause the brain to crash.
	Device Drivers update inside the Brain without Publishing.
	Brain Web-UI – Unable to access information and perform actions on a brain with port number different than 8000.

Known Limitations (including compatibility limitations):

QC ID	Limitation Description
	None listed.



KRAMER ELECTRONICS, Ltd.

E-mail: info@kramerav.com

Web: www.kramerav.com

Release Notes History

Preceding Version: FW: 01.01.0005, SW: 2.0.7



KRAMER ELECTRONICS, Ltd.

E-mail: info@kramerav.com

Web: www.kramerav.com

Release Notes History

Product Name: SL-240

Current Version:

Type	Number	Date
Firmware	01.01.0005	August 2018
Software	Kramer Control Brain version 2.0.7	March 2019
Web	–	–
Hardware	–	–

RN Date: March 6, 2019

Reference: 15216

Kramer Product Affected:

Product Name	Minimum FW Version for Upgrade	Recommended for All Units	Only if Added Features are Required
SL-240	Any	Yes	Yes

Technical Notes:

- Added a modification.
- Fixed a bug.

Codependency with Other Products and Software:

Product Name	Comments
Kramer Control	



KRAMER ELECTRONICS, Ltd.

E-mail: info@kramerav.com

Web: www.kramerav.com

Release Notes History

Product Name: SL-240

Current Version:

Type	Number	Date
Firmware	01.01.0005	August 2018
Software	Kramer Control Brain version 2.0.7	March 2019
Web	–	–
Hardware	–	–

RN Date: March 6, 2019

Reference: 15216

The following changes were made in this version:

Modifications:

QC ID	Modification Description
	KDS gateway now controls KDS devices.

Bugs Fixed:

QC ID	Fixed Bug Description
	The last synced date no longer returns an empty value.

Bugs to Fix in Future Versions:

QC ID	Deferred Bug Description
10295	In some cases, ERR 007 appears while upgrading FW version to a remote device

Known Limitations (including compatibility limitations):

QC ID	Limitation Description
	None listed.

Preceding Version: FW: 01.01.0005, SW: 2.0.5



KRAMER ELECTRONICS, Ltd.

E-mail: info@kramerav.com

Web: www.kramerav.com

Release Notes History

Product Name: SL-240

Current Version:

Type	Number	Date
Firmware	01.01.0005	August 2018
Software	2.0.5	January 2019
Web	–	–
Hardware	–	–

RN Date: January 30, 2019

Reference: 15032

Kramer Product Affected:

Product Name	Minimum FW Version for Upgrade	Recommended for All Units	Only if Added Features are Required
SL-240	Any	Yes	Yes

Technical Notes:

- Fixed several bugs.

Codependency with Other Products and Software:

Product Name	Comments
Kramer Control	



KRAMER ELECTRONICS, Ltd.

E-mail: info@kramerav.com

Web: www.kramerav.com

Release Notes History

Product Name: SL-240

Current Version:

Type	Number	Date
Firmware	01.01.0005	August 2018
Software	2.0.5	January 2019
Web	–	–
Hardware	–	–

RN Date: January 30, 2019

Reference: 15032

The following changes were made in this version:

Bugs Fixed:

QC ID	Fixed Bug Description
	Feedback was not being processed when using RS232, GPIO, and Relay devices connected to a Brain.
	Improved synchronizing time and client interface loading times when application is moved to background.
	Brain would hang while trying to leave Active state if device commands queue was full.

Bugs to Fix in Future Versions:

QC ID	Deferred Bug Description
10295	In some cases, ERR 007 appears while upgrading FW version to a remote device

Known Limitations (including compatibility limitations):

QC ID	Limitation Description
	None listed.

Preceding Version: FW – 01.01.0005, SW – 2.0.3



KRAMER ELECTRONICS, Ltd.

E-mail: info@kramerav.com

Web: www.kramerav.com

Release Notes History

Product Name: SL-240

Current Version:

Type	Number	Date
Firmware	01.01.0005	August 2018
Software	2.0.3	January 2019
Web	–	–
Hardware	–	–

RN Date: January 2019

Reference: 15000

Kramer Product Affected:

Product Name	Minimum FW Version for Upgrade	Recommended for All Units	Only if Added Features are Required
SL-240	Any	Yes	Yes

Technical Notes:

- A new feature was added.
- One bug was fixed.

Codependency with Other Products and Software:

Product Name	Comments
Kramer Control	



KRAMER ELECTRONICS, Ltd.

E-mail: info@kramerav.com

Web: www.kramerav.com

Release Notes History

Product Name: SL-240

Current Version:

Type	Number	Date
Firmware	01.01.0005	August 2018
Software	2.0.3	January 2019
Web	–	–
Hardware	–	–

RN Date: January 2019

Reference: 15000

The following changes were made in this version:

New Features:

	New Feature Description
Brain	Brain Info Web Page: Display generic brain info on web page. Use the following URL to view the Brain Info Web Page: <a href="http://<brainIP>:8000/kramer-ui/index.html">http://<brainIP>:8000/kramer-ui/index.html

Bugs Fixed:

QC ID	Fixed Bug Description
	IP change on DHCP mode.

Bugs to Fix in Future Versions:

QC ID	Deferred Bug Description
10295	In some cases, ERR 007 appears while upgrading FW version to a remote device

Known Limitations (including compatibility limitations):

QC ID	Limitation Description
	None listed.

Preceding Version: FW – 01.01.0005, SW – 1.5.1



KRAMER ELECTRONICS, Ltd.

E-mail: info@kramerav.com

Web: www.kramerav.com

Release Notes History

Product Name: SL-240

Current Version:

Type	Number	Date
Firmware	01.01.0005	August 2018
Software	1.5.1	August 2018
Web	–	–
Hardware	–	–

RN Date: August 2018

Reference: 14339

Kramer Product Affected:

Product Name	Minimum FW Version for Upgrade	Recommended for All Units	Only if Added Features are Required
SL-240	Any	Yes	Yes

Technical Notes:

- Added features to Brain API to prepare for integration with Kramer Network.
- Added one modification.
- Fixed a bug.

Codependency with Other Products and Software:

Product Name	Comments
Kramer Control	



KRAMER ELECTRONICS, Ltd.

E-mail: info@kramerav.com

Web: www.kramerav.com

Release Notes History

Product Name: SL-240

Current Version:

Type	Number	Date
Firmware	01.01.0005	August 2018
Software	1.5.1	August 2018
Web	–	–
Hardware	–	–

RN Date: August 2018

Reference: 14339

The following changes were made in this version:

New Features:

	New Feature Description
	Added to Brain API to prepare for integration with Kramer Network: Ability to get Space information including name and status. Executing All On and All Off macros. GET request to identify Device information.

Modifications:

QC ID	Modification Description
	If your Brain does not match the Builder version, a popup appears notifying you that the Brain may not Publish until an update is performed. The Kramer Control application also includes this notification letting the end user know that the application and/or Brain is not up to date.

Bugs Fixed:

QC ID	Fixed Bug Description
	BRAINware was constantly polling the API when in an unprovisioned state.

Bugs to Fix in Future Versions:

QC ID	Deferred Bug Description
	Bug: IP change on DHCP mode. Workaround: Assign KT-107 a static IP address; either on the router (if using DHCP) or in the Ethernet settings on the tablet itself (if wired).
10295	In some cases, ERR 007 appears while upgrading FW version to a remote device



KRAMER ELECTRONICS, Ltd.

E-mail: info@kramerav.com

Web: www.kramerav.com

Release Notes History

QC ID	Deferred Bug Description
10298	First line of KCD (configuration) file is SL-280 instead of SL-240 causing it not to be valid

Known Limitations (including compatibility limitations):

QC ID	Limitation Description
	None listed.

Preceding Version: F – 01.01.0005, S – 1.3.3



KRAMER ELECTRONICS, Ltd.

E-mail: info@kramerav.com

Web: www.kramerav.com

Release Notes History

Product Name: SL-240

Current Version:

Type	Number	Date
Firmware	01.01.0005	March 2018
Software	V1.3.3	April 2018
Web	–	–
Hardware	–	–

RN Date: April 2018

Reference: 133

Kramer Product Affected:

Product Name	Minimum FW Version for Upgrade	Recommended for All Units	Only if Added Features are Required
SL-240	Any	Yes	N/A

Technical Notes:

- Fixed several bugs.

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: SL-240

Current Version:

Type	Number	Date
Firmware	01.01.0005	March 2018
Software	V1.3.3	April 2018
Web	–	–
Hardware	–	–

RN Date: April 2018

Reference: 133

The following changes were made in this version:

Bugs Fixed:

Component	Fixed Bug Description
	Lost UDP connections create a scenario where new socket connections cannot be properly made on the Network.
	UDP multicast and broadcast connection not being made properly.
	System Device Custom States could not be used as a Reference device in another Space.

Bugs to Fix in Future Versions:

QC ID	Deferred Bug Description
	Bug: IP change on DHCP mode. Workaround: Assign KT-107 a static IP address; either on the router (if using DHCP) or in the Ethernet settings on the tablet itself (if wired).
10295	In some cases, ERR 007 appears while upgrading FW version to a remote device
10298	First line of KCD (configuration) file is SL-280 instead of SL-240 causing it not to be valid

Known Limitations (including compatibility limitations):

Component	Limitation Description
	None listed.

Preceding Version: F – 01.01.0005, S – Kramer Control Brain version 1.3.1



KRAMER ELECTRONICS, Ltd.

E-mail: info@kramerav.com

Web: www.kramerav.com

Release Notes History

Product Name: SL-240

Current Version:

Type	Number	Date
Firmware	01.01.0005	March 2018
Software	Kramer Control Brain version 1.3.1	March 2018
Web	–	–
Hardware	–	–

RN Date: March 2018

Reference: 13882

Kramer Product Affected:

Product Name	Minimum FW Version for Upgrade	Recommended for All Units	Only if Added Features are Required
SL-240	Any	N/A	N/A

Technical Notes:

- A new feature and modifications were added.
- 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: SL-240

Current Version:

Type	Number	Date
Firmware	01.01.0005	March 2018
Software	Kramer Control Brain version 1.3.1	March 2018
Web	–	–
Hardware	–	–

RN Date: March 2018

Reference: 13882

The following changes were made in this version:

New Features:

	New Feature Description
	Remote Brain Version Updates – Ability to view and remotely update Brain software versions on SL-XXX brains.

Modifications:

	Modification Description
	External brains now receive the initial state of a reference device.
	HTTPS is now supported for device communication on LAN.

Bugs Fixed:

	Fixed Bug Description
	Macros issue when device is connected to multiple communication types.
	Images that are only referenced in global macros/events are not sent to mobile clients to be displayed in the interface.



KRAMER ELECTRONICS, Ltd.

E-mail: info@kramerav.com

Web: www.kramerav.com

Release Notes History

Bugs to Fix in Future Versions:

QC ID	Deferred Bug Description
	Bug: IP change on DHCP mode. Workaround: Assign KT-107 a static IP address; either on the router (if using DHCP) or in the Ethernet settings on the tablet itself (if wired).
10295	In some cases, ERR 007 appears while upgrading FW version to a remote device
10298	First line of KCD (configuration) file is SL-280 instead of SL-240 causing it not to be valid

Known Limitations (including compatibility limitations):

QC ID	Limitation Description
	None listed.

Preceding Version: FW – 01.01.0004, SW – 1.0.6



KRAMER ELECTRONICS, Ltd.

E-mail: info@kramerav.com

Web: www.kramerav.com

Release Notes History

Product Name: SL-240

Current Version:

Type	Number	Date
Firmware	01.01.0004	July 2017
Software	Kramer Control Brain version 1.0.6	July 2017
Web	–	–
Hardware	–	–

RN Date: July 2017

Reference: 12796

Kramer Product Affected:

Product Name	Minimum FW Version for Upgrade	Recommended for All Units	Only if Added Features are Required
SL-240	Any	Yes	N/A

Technical Notes:

- Installer fixes.
- Support for the global http headers in drivers and some minor fixes to the web client.

Codependency with Other Products and Software:

- There is no codependency with other products or software.

Preceding Version: FW: 01.01.0004



KRAMER ELECTRONICS, Ltd.

E-mail: info@kramerav.com

Web: www.kramerav.com

Release Notes History

Product Name: SL-240

Current Version:

Type	Number	Date
Firmware	01.01.0004	June 2017
Software	–	–
Web	–	–
Hardware	–	–

RN Date: June 2017

Reference: 10035

Kramer Product Affected:

Product Name	Minimum FW Version for Upgrade	Recommended for All Units	Only if Added Features are Required
SL-240	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: SL-240

Current Version:

Type	Number	Date
Firmware	1.0	June 2017
Software	–	–
Web	–	–
Hardware	–	–

RN Date: June 2017

Reference: 10035

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

<http://www.kramerav.com/manual/SL-240>

Bugs to Fix in Future Versions:

QC ID	Deferred Bug Description
10293	In some cases: the device restarted when opening 1000 TCP connections
10295	In some cases, ERR 007 appears while upgrading FW version to a remote device
10298	First line of KCD (configuration) file is SL-280 instead of SL-240 causing it not to be valid

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