

Release Notes

Product Name: Kramer Control

Current Version:

Type	Number	Date
Firmware	–	–
Software	2.0.5	January 2019
Web	–	–
Hardware	–	–

RN Date: January 30, 2019

Reference: 15030

Kramer Product Affected:

Product Name	Minimum FW Version for Upgrade	Recommended for All Units	Only if Added Features are Required
Kramer Control	Any	Yes	Yes

Technical Notes:

- Fixed several bugs.

Codependency with Other Products and Software:



Kramer Control 2.0 can work only with Brain and App version 2.0 and higher.

Product Name	Comments
SL-240	Kramer Control Brain
SL-240C	Kramer Control Brain
SL-280	Kramer Control Brain
Kramer BRAINware	Kramer Control Brain
Kramer Control Mobile Apps	Kramer Control Clients (iOS and Android)



KRAMER ELECTRONICS, Ltd.

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Release Notes

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Firmware	–	–
Software	2.0.5	January 2019
Web	–	–
Hardware	–	–

RN Date: January 30, 2019

Reference: 15030

The following changes were made in this version:

Bugs Fixed:

QC ID	Fixed Bug Description
Brain	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.
Builder	Widget could not be made the same size as the full page or overlay.
	Re-sizing a full background kept the full background box checked in the properties window.
	A state could not be added to a page that included a full background.
Client	Device connection status was not updated when selecting a different space.
	Contractor users were able to provision a Brain when using Express mode provisioning.
	Users were able to access the Brain and control devices when Express mode was disabled.
	Android application would crash after long periods of use.
	Android application Control button was greyed out after a maximum of 5 seconds of staying on a page in Admin mode.

Bugs to Fix in Future Versions:

QC ID	Deferred Bug Description
	None listed.



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Known Limitations (including compatibility limitations):

QC ID	Limitation Description
	None listed.

Preceding Version: FW – 2.0.3



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Release Notes History

Product Name: Kramer Control

Current Version:

Type	Number	Date
Firmware	–	–
Software	2.0.3	January 2019
Web	–	–
Hardware	–	–

RN Date: January 20, 2019

Reference: 15000

Kramer Product Affected:

Product Name	Minimum FW Version for Upgrade	Recommended for All Units	Only if Added Features are Required
Kramer Control	Any	Yes	Yes

Technical Notes:

- New features and modification were added.
- Several bugs were fixed.

Codependency with Other Products and Software:



Kramer Control 2.0 can work only with Brain and App version 2.0 and higher.

Product Name	Comments
SL-240	Kramer Control Brain
SL-240C	Kramer Control Brain
SL-280	Kramer Control Brain
Kramer BRAINware	Kramer Control Brain
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Release Notes History

Product Name: Kramer Control

Current Version:

Type	Number	Date
Firmware	–	–
Software	2.0.5	January 2019
Web	–	–
Hardware	–	–

RN Date: January 30, 2019

Reference: 15030

The following changes were made in this version:

New Features:

	New Feature Description
Builder	<p>Calendar Integration: Connect to calendar gateway and configure events to be triggered by meeting start and end time.</p> <p>Timer: Built-in capability to set timers and configure events to be triggered by the timer.</p> <p>Global Navigation: Navigate within global macros and events.</p> <p>RS-232 Control via KDS 6 Gateway: Control a device connected to the RS-232 port of KDS-6.</p> <p>Move actions up and down in the list using arrows in addition to drag and drop.</p>
Brain	<p>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</p>
Brain & Builder	<p>Docker BRAINware: Multiple virtual brains running on a single hardware platform. (For future use.)</p> <p>VIA Connect Plus BRAINware: Run a single brain on the VIA Connect Plus collaboration device. (For future use.)</p>
Client	<p>Gateway Status: Display connectivity status for connected gateways and devices.</p>
Manager & Client	<p>Express Provisioning: Provision a space from the app without having to sign in.</p>



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Release Notes History

Modifications:

Component	Modification Description
Overall	Improved support of Offline/Express Mode.

Bugs Fixed:

QC ID	Fixed Bug Description
Manager	Locale selected in the Manager prevented the programmer from creating time-based events in the Builder.
	Incorrect URL directed users to a non-existent document page.
	Styling issues with Update Brain Message and coloring of Provisioned Space icons.
Builder	Multiple events were added to a widget without adding a scrollbar to navigate the list of events.
	Referenced devices were not appearing as connected to gateways.
	The delete icon was not appearing when sub-conditional was selected. Icon would only appear when the entire conditional was selected.
	The font type inside the builder was not properly showing the selected font.
	Undo button did not work after a button has been manually resized.
Client	List box imaging shifted if a key was not used in the Builder.
	Slider states were not updating if multiple client types were used.
	Web Client was not automatically refreshed after publishing.
	Release commands were being sent twice when used in Web Client.

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: S – 1.5.1



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Release Notes History

Product Name: Kramer Control

Current Version:

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

RN Date: July 2018

Reference: 151

Kramer Product Affected:

Product Name	Minimum FW Version for Upgrade	Recommended for All Units	Only if Added Features are Required
Kramer Control	Any	Yes	Yes

Technical Notes:

- Various new features and modification were added.
- Several bugs were fixed.

Codedependency with Other Products and Software:

Product Name	Comments
SL-240	Kramer Control Brain
SL-240C	Kramer Control Brain
SL-280	Kramer Control Brain
Kramer BRAINware	Kramer Control Brain
Kramer Control Mobile Apps	Kramer Control Clients (iOS and Android)



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Release Notes History

Product Name: Kramer Control

Current Version:

Type	Number	Date
Firmware	–	–
Software	2.0.5	January 2019
Web	–	–
Hardware	–	–

RN Date: January 30, 2019

Reference: 15030

The following changes were made in this version:

New Features:

Component	New Feature Description
Brain	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.
Manager	Added IT Manager user access. An IT Manager user does not require Full Certification to use the Kramer Control product. This user can : Change Project/Space settings Troubleshoot Access applications (Clients) Access the Dashboard. The user cannot create or publish to the Project/Space he is assigned to.
Builder	Initialize Event Create a macro that executes during the initializing state of the Brain. Each time the Brain State changes to Active after a restart or successful sync, this initialization macro will execute.
Builder	Idle Event Create an Event that tracks the idle state of the User Interface. Prior to this release, a Programmer had to add specific actions to every widget in the User Interface and then create conditional statements that checked for a value to determine a period of non-usage.



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Release Notes History

Modifications:

Component	Modification Description
Manager/ Brain/ Builder/ Client	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.
Builder	Widget States When you create a multi-state image and upload that image group to your Project, you can now define which image will appear by adding an Update Property to any action field.
Builder	Added VS-622DT Gateway to supported devices.

Bugs Fixed:

Component	Fixed Bug Description
Brain	SL-280 Brain: Required a manual reboot after the unprovision request was sent from the Manager.
Brain	BRAINware was constantly polling the API when in an unprovisioned state.
Manager	The Save button did not turn inactive when overriding project settings.
Manager	Project/Space information screen was not repositioning when scrolling vertically.
Manager	The description label was not shown when loading the Dashboard.
Builder	Aliasing wizard could not import the same device more than once.
Client	Changing orientation of UI in the Builder using an Android client did not change the orientation of the UI in the Client after publishing.
Client	The Boolean value returned from the web client did not match the mobile (iOS/Android) clients.
Client	BRAINware option was not selectable when Express Mode was selected.
Client	BRAINware was constantly polling the Brain API when in an unprovisioned state.
Client	iOS: The contain image option was not appearing correctly.
Client	iOS: Listbox imaging was not appearing correctly.
Client	Web Client: The user could not use sliders while using Fire.
Dashboard	The Device Info description overflowed in the window.
Dashboard	Custom State data, if set, was not showing full content.



Release Notes History

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: S – 1.3.3



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Release Notes History

Product Name: Kramer Control

Current Version:

Type	Number	Date
Firmware	–	–
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
Kramer Control	Any	Yes	N/A

Technical Notes:

- Fixed several 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: Kramer Control

Current Version:

Type	Number	Date
Firmware	–	–
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
Brain	Lost UDP connections create a scenario where new socket connections cannot be properly made on the Network.
Brain	UDP multicast and broadcast connection not being made properly.
Brain	System Device Custom States could not be used as a Reference device in another Space.
Manager	Launch Builder option appearing at the Project Information screen.
Manager	Icon appearing in the Brain Update menu showing the wrong icon and incorrect color identifier.
Manager	Brain Update menu not showing a version without first opening the dropdown selection.
Builder	System Device Custom States could not be used as Reference device in another Space.
Builder	Update Properties using the incorrect image, if the new image had been removed from the Builder.
Builder	A widget that is greater than the width/height of a page could be moved outside the boundaries of that page.
Client	iOS Clients: The First image was repeated when the button was set to a toggle button.
Client	KT-107: Application crashes upon syncing an Unpublished Space using BRAINware.
Client	Application shows 'Connection to Brain Failed' after being connected to a Brain that is no longer on the Network. This error would appear on any new project or space that was selected.
Client	KT-107 showing the incorrect Brain status when using BRAINware.
Client	A Space could not be Un-provisioned until first leaving that space in the Application.
Dashboard	Previously un-selectable tabs are able to be selected after the User chooses a Provisioned Space.



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Component	Fixed Bug Description
Dashboard	Devices appear as duplicates when used as Reference Devices from a space that has not yet been provisioned.
Dashboard	Power State icon not appearing as On when the Device state is On.
Dashboard	Web Client: Slider knob not working properly.

Bugs to Fix in Future Versions:

QC ID	Deferred Bug Description
	None listed.

Known Limitations (including compatibility limitations):

Component	Limitation Description
	None listed.

Preceding Version: S – V1.3



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Release Notes History

Product Name: Kramer Control

Current Version:

Type	Number	Date
Firmware	-	-
Software	V1.3	March 2018
Web	-	-
Hardware	-	-

RN Date: March 2018

Reference: 13865

Kramer Product Affected:

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

Technical Notes:

- Various new features and modification were added.
- Several bugs were fixed.

Codependency with Other Products and Software:

There is no codependency with other products or software



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Release Notes History

Product Name: Kramer Control

Current Version:

Type	Number	Date
Firmware	-	-
Software	V1.3	March 2018
Web	-	-
Hardware	-	-

RN Date: March 2018

Reference: 13865

The following changes were made in this version:

New Features:

	New Feature Description
	BRAINware – Integrated Kramer Control Brain software for KT-107 Touch Panels that enables controlling a room without the need for a hardware Brain such as SL-240C.
	Reference Spaces: Create reference spaces that are linked to a master space in the Manager to simplify deployment and maintenance of identical spaces. Changes to the master space are synced to all linked reference spaces. Override gateway name and IP address fields for reference spaces, in order to avoid duplicating master space when only these gateway fields differ from the master.
	Space Overrides – Ability to override project settings in its child spaces, so that specific settings like passcode, business hours location and locale can be adjusted for individual spaces.
	Remote Brain Version Updates – Ability to view and remotely update Brain software versions on SL-XXX brains.
	Custom Aspect Ratios – Specify custom aspect ratio for newly created or existing user interfaces.



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Release Notes History

Modifications:

Component	Modification Description
Manager / App	Un-provision Space in the Manager – Ability to un-provision a space for a project owner directly from the manager/app.
Brain	External brains now receive the initial state of a reference device.
Brain	HTTPS is now supported for device communication on LAN.
Client	Unlimited spaces can now be displayed for a project.

Bugs Fixed:

Component	Fixed Bug Description
Brain	Macros issue when device is connected to multiple communication types.
Brain	Images that are only referenced in global macros/events are not sent to mobile clients to be displayed in the interface.
Builder	Pasted images or image library do not load until the pasted page is selected.
Builder	In the Custom State Create Wizards, the Create button is sometimes disabled.
Builder	Drag Image Off-Centered (Firefox)
Builder	Issue with the clock pop up showing the wrong time.
Client	List boxes don't alphabetically or logically arrange the keys in the list.
Client	Android app crashes when bringing up into foreground in orientation different from the one defined in the builder for that layout.
Client	Android app stops responding when trying to toggle overlays.
Client	If no pressed image state is defined on a button, the button does not perform transition from default to pressed state.
Client	Android – App crashes if left unused for a while.
Client	Change Project list item is available on projects page.
Client	Admin mode tree arrows for child spaces are not showing.
Client	Some icons do not appear in Admin mode on clients.
Manager / Builder	No option to sign in after authentication token has expired, have to reload the page to get in again.
Manager	Login issue on Firefox.
Manager	Issue with creating a Project
Manager	When changing a space type, the Space icon doesn't change immediately.
Manager	Spaces are not listed in order.



Release Notes History

Component	Fixed Bug Description
Manager	Copying a shared project does not give you OWNER role.
Manager	Not able to search for a Space.

Bugs to Fix in Future Versions:

QC ID	Deferred Bug Description
	Bug (on iOS client only): Images on Toggle are not displayed properly. Workaround: Adjust image using "Update Property".

Known Limitations (including compatibility limitations):

QC ID	Limitation Description
	None listed.

Preceding Version: S – 1.25



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Release Notes History

Product Name: Kramer Control

Current Version:

Type	Number	Date
Firmware	–	–
Software	V1.2.5	December 2017
Web	–	–
Hardware	–	–

RN Date: December 2017

Reference: 1.2.5

Kramer Product Affected:

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

Technical Notes:

- Several bugs were fixed.

Codependency with Other Products and Software:

- There is no codependency with other products or software.



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Release Notes History

Product Name: Kramer Control

Current Version:

Type	Number	Date
Firmware	–	–
Software	1.2.5	December 2017
Web	–	–
Hardware	–	–

RN Date: December 2017

Reference: 1.2.5

The following changes were made in this version:

Bugs Fixed:

Component	Fixed Bug Description
DDE	Macros reset the value of trigger commands when saved.
DDE	Single backslashes in data field not being sent.
Builder	Failed to Publish when a single device is assigned to multiple gateways
Builder	Builder – When selecting UI layout and adding an overlay, it is added to the pages section instead of overlay section
Builder	If a view item is greater than or equal to the width of the page, you can move it outside the boundaries of the page.
Builder	Replacing Brain with Connected Devices causes error when adding device to the new Brain.
Builder	Saving top level items that were changed.
Builder	When clicking add page while selecting an overlay group, page will be added to a group.
Builder	Saving project local drivers can cause state events/conditionals to be deleted.
Builder	Crash on Toggle Button.
Builder	Adding AND or OR to Conditional misaligns items in builder.
Builder	Grouped overlays do not load in client interface
Builder	Conditional popup doesn't appear in Firefox.
Brain	Doesn't support float to integer comparisons in conditional comparison expressions.
Brain	Dynamic parameters not sent correctly when sending a command to a device reference.
Brain	Crashing with POST commands.
Brain	Daylight savings time not factored correctly in brain
Brain	Delays blocking the parallel execution of the functions/macros triggered from different buttons.



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Component	Fixed Bug Description
Brain	Scheduled Events are not triggered even though the time condition is met.
Brain	Unable to connect to brain after closing a session that started long running macros.
Brain	Macro reference actions only work once.
Brain	Publishing while receiving many feedbacks prevents future publish events to come through and data sent to dashboard.
Brain	Layouts are not sorted as they are listed in the Builder.
Brain	Toggle property array isn't updating when items it is referencing are modified.
iOS & Android Clients	Crash due to multiple navigations from one page to another.
iOS Client	Communication with the brain stops when putting the app in sleep mode.
iOS client	App returning to foreground causes crash when logging in.
iOS Client	Crashes when bringing up into foreground in orientation different from the one defined in the builder for that layout.
Android client	Crash when hitting back from layout.
Android client	Transitions on page navigation are showing elements temporarily.
Android client	Resized images use only the first size requested.
Manager	The order of spaces is not preserved on reload.
Manager	Customers in China cannot create a project.
Manager	"Last Synced Date" and "Provisioned On" in brain info are reported in different time zones.
Dashboard	Raw codes do not properly show multiple spaces or have overflow tooltip.
Hardware	Slightly slow GPI/O response time to commands.

Preceding Version: S – N/A



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