



Product Name: K-Config 3

Current Version:

Ver.Type	Ver No.	Date
Firmware	–	–
Software	3.5.17.0	February 2017
Web	–	–
Hardware	–	–

RN Date: February 2017

Reference: 12139

Technical Notes:

- This version includes many changes including support for Kramer Network, Maestro and various control devices.

Codependency with Other Products and Software:

- There is no codependency with other products or software.



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Product Name: K-Config 3

Current Version:

Ver.Type	Ver No.	Date
Firmware	–	–
Software	3.5.17.0	February 2017
Web	–	–
Hardware	–	–

RN Date: February 2017

Reference: 12139

The following changes were made in this version:

New Features:

Description
New trigger functionality of press/release
Added support for Kramer Network
Added Maestro functionality
New devices were added to the XML files: FC-21ETH, FC-6P, FC-6PW, FC-7,FC-7P, FC-7PW, FC-54P, DIP-31M, VS-62DT
New 'limit image size' property was added to the Web settings
Registration is now mandatory during installation
New styling
Added a button description field
Updated drivers



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Bugs Fixed:

QC ID	Description
#9208	K-Config didn't count a certain KPR file
#8461	Images did not appear correctly in virtual device
#9157	Added FC-6 and NT-52P to the I/O proxy device list
#9346	'Trigger up' and 'Trigger down' (arrows/triangles) buttons did not operate correctly
#9347	The user could not see his comment, after unchecking the "parse by value" checkbox
#9379	'Max lamp hours' of a LampHour query was not saved

Bugs to be Fixed in Future Version:

QC ID	Description
1938	WEB: Show SL-1 front panel, with its relays and GPIO ports, like SL-10 and SL-12 display
5000	Filter the exception messages coming from the RC, so only the content, coming from the name of the command appears
5149	K-config cannot re-connect to master after slave FW upgrade via K-Net cable
5405	WEB: No indication for lamp hour on new (KC3) webpage. Used to be in KC2
5458	WEB: In scheduled tasks, when the task's minutes number is lower than 10, the "0" is not displayed
5657	Remove 'Table' commands from the 'Device specific' command list
5690	GUI: In some cases, the 'pencil' icon of editing a button in the 'Device View' area, appears far from the desired button
6460	Align to grid or any alignment in Edit Device View
6677	WEB: Allow using the protocol commands (blue buttons on the right side of the screen) from the web page, on a setup with I/O proxy
6693	Do NOT synch to device if all slaves do NOT have a K-Net ID assigned to them
7085	KC3 crashed upon startup
7127	Script issue: delays, timers and subroutines contained in queries, might cause some queries not to work properly when more than 1 query is defined
7190	Problems viewing the virtual device on an iPad
7191	WEB: wide devices do not fully display on iPads, tablets etc... when working vertically



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QC ID	Description
7195	Sync to device via TCP is failed on more than one scenario
7232	WEB: Further to bug #6798 - Add implementation of open/close relays on the web page
7276	Connecting to a macro device (e.g. RC-2C) after finding it on the 'Discovered devices' list - does not work. The user has to connect to the device again to work with it
7314	DHCP changes are not reflected in the status area in the K-Config
7371	Saving an unum file with the same name generates an error message containing the default unum file name
7556	Attempting to replace an existing image background of a VDevice, with a color background does not work
7688	A VDevice, having the same name as a Kramer device (e.g. VS-62D matrix), appears on the 'Discovered devices' list
7710	Allow editing the knob state number from the Trigger area
7731	The conversion from regular IR to pronto IR might be inaccurate in some cases
7887	KC3 Device Manager – cannot trace an empty folder in the tree, trying to delete a subfolder ended with a fatal error message
8230	Further to bug #5623, Improve the work with KC3, when having 2 or more instances
8281	"PDF Summary" does not contain commands under the 'device specific' branch.
8544	Happened Once: An erroneous addition of an image to the VDevice's background crashes KC3 when opening the project
8607	When reading IR in the driver manager and the option to connect via TCP
8673	Alerts from RC might occur on device settings text box
8696	Having a device with 2 same button labels is possible - causing the action to be added only to one of them
8878	Moving from command to command using the keyboard's arrow buttons causes the command syntax to be hidden
8984	Chrome browser takes 50000 (and sometimes the time) as username when saving the password



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Known Limitations (including compatibility limitations):

QC ID	Description
5254	Backwards compatibility: Old projects with 10 Ethernet ports in their port manager cannot add 5 more, as in new projects
7359	Converting K-Touch driver with <cr> inside the command failed

Preceding Version: S - 3.5.4.0



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Product Name: K-Config 3

Preceding Version:	Ver.Type	Ver No.	Date
	Firmware	-	-
	Software	3.5.4.0	September 2016
	Web	-	-
	Hardware	-	-

RN Date: September 2016

Reference: 11094

The following changes were made in this version:

New Features:

	Description
	Added press-release trigger
	New features are described in the updated User Manual

Bugs Fixed:

QC ID	Description
8582	KC3 crashed while resizing and moving the main window
8676	Inserting a panel template to an IO proxy device is possible and creating a panel template from an IO proxy device is problematic
8695	KC3 crashed when changing an existing image to a different one on the VDevice view area
8735	Exception when 'Creating Pronto' from an air-conditioner's regular IR commands
8852	KC3 crashed after opening a new (and heavy) project
8870	Clicking a KPR file opens it in KC3
9036	Add validation for manually entered VDevice version
9041	In the driver manager, handling the revision of a driver does not work
9042	KC3 crashes when duplicating a revision on the driver manager, via right-click menu, when sorted by type
9048	When the 'Show latest revisions only' checkbox is checked - the earliest revision is displayed
9075	Exception on driver manager when sorted by type and the 'Show latest revisions only' checkbox is unchecked
9080	Renaming the revision or device name erases all commands from the driver
9081	On driver manager, when right-clicking a vendor, device or revision, "Edit" appears beside the pencil icon instead of "Rename"



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Bugs to be Fixed in Future Version:

QC ID	Description
1938	WEB: Show SL-1 front panel, with its relays and GPI/O ports, like SL-10 and SL-12 display
5000	Filter the exception messages coming from the RC, so only the content, which comes with the name of the command, will appear
5149	K-Config cannot re-connect to a master after a slave upgrades FW via K-Net cable
5405	WEB: No indication for lamp hours on new (KC3) Web page. Used to be in KC2
5458	WEB: In scheduled tasks, when the task's minutes number is lower than 10, the "0" is not displayed
5657	Remove 'Table' commands from the 'Device specific' command list
5690	GUI: In some cases, the 'pencil' icon of editing a button in the 'Device View' area, will appear far from the desired button
6460	Align to grid or any alignment in Edit Device View
6677	WEB: Allow using the protocol commands (blue buttons on the right side of the screen) from the Web page, on a setup with I/O gateway
6693	Do NOT synch to device if all slaves do NOT have a k-net id assigned to them
7085	KC3 crashed once upon startup (cannot be reproduced)
7127	Script issue: when more than 1 query is defined, delays, timers and the sub-routines that contain them, might cause some queries not to work properly
7190	Problems viewing the virtual device on an iPad
7191	WEB: wide devices are not fully displayed on iPads, tablets etc... when working vertically
7195	Sync to device via TCP is failed on few rare scenarios
7232	WEB: Add implementation of open/close relays on the Web page
7247	The Display Type drop down in the Device Manager is not listed alphabetically
7256	Phantom empty ports appear/disappear
7276	Connecting to a macro device (e.g. RC-2C) after finding it on the 'Discovered devices' list - does nothing. The user has to connect to the device again in order to work with it
7314	DHCP changes are not reflected in the Status area in the K-config
7315	Not appear asterisk in the window title when editing Digital output (of GPIO)
7359	Converting K-Touch driver with <cr> inside the command failed
7371	Saving an unnamed file with the same name generates an error message containing the default unnamed file name
7556	Cannot replace an existing image background of a VDevice with a color background
7688	A VDevice, having the same name as a Kramer device (e.g. VS-62D matrix), appears on the 'Discovered devices' list
7710	Allow editing the knobs' states number from the 'Triggers' area
7731	The conversion from regular IR to pronto IR might be inaccurate in some cases
7887	KC3 Device Manager – one can't trace an empty folder in the tree, trying to delete a subfolder ended with a fatal error message
8230	Improve the work with KC3, when having 2 or more instances
8281	"PDF Summary" does not contain commands under the 'device specific' branch



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QC ID	Description
8544	An erroneous addition of an image to the VDevice's background very rarely may cause KC3 to crash upon opening the project
8607	When reading IR in the driver manager, add connect via TCP option
8673	Alerts from RC might occur on device settings text box
8696	Having a device with 2 identical button labels is possible, causing any action to be done only to one of the buttons
8878	Moving from command to command using the keyboard's arrow buttons causes the command syntax to be hidden
8984	Chrome browser uses 50000 (and sometimes the time) as a username when saving the password

Known Limitations (including compatibility limitations):

QC ID	Description
5254	Backwards compatibility: Old projects with 10 Ethernet ports in their port manager cannot add 5 additional ports, as in new projects.
7359	Converting K-Touch driver with <cr> inside the command failed.

Preceding Version: S - 3.2.0.8



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Product Name: K-Config 3

Current Version:

Ver.Type	Ver No.	Date
Firmware	-	-
Software	3.2.0.8	July 2016
Web	-	-
Hardware	-	-

RN Date: July 2016

Reference: 10859

Kramer Products Affected:

Product Name	Required Firmware Version
RC-43SL	Minimum required firmware version for maximum compatibility - 4.0.29.24637
RC-74DL series	Minimum required firmware version for maximum compatibility - 4.0.29.24637
RC-76R / RC-78R	Minimum required firmware version for maximum compatibility - 4.0.29.24637
RC-712M / RC-76M	Minimum required firmware version for maximum compatibility - 4.0.29.24637
SL-1N	Minimum required firmware version for maximum compatibility - 4.0.29.24637 . In some cases, we recommend not upgrading the firmware and continue using K-Config 1.0.3.X. Please see details below and in the SL-1N Release notes.
SL-10	Minimum required firmware version for maximum compatibility - 4.0.29.24637
SL-12	Minimum required firmware version for maximum compatibility - 4.0.29.24637

Technical Notes:

- Extended support of Ethernet expansion via Control Gateway
- Expanded driver database

Codependency with Other Products and Software:

- There is no codependency with other products or software.



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Product Name: K-Config 3

Current Version:

Ver.Type	Ver No.	Date
Firmware	-	-
Software	3.2.0.8	July 2016
Web	-	-
Hardware	-	-

RN Date: July 2016

Reference: 10859

The following changes were made in this version:

New Features:

	Description
	Kramer Network control support

Modifications:

QC ID	Description
7841	Grey-out the 'connect' button and menu item, as well as the web settings (under 'Windows' menu), when the master is 'Virtual master'

Bugs Fixed:

QC ID	Description
7749	Deleting an object from a VDevice with a related action, later failed to 'sync to device'
7884	Overriding an existing KRNT file generated 2 warning messages
8065	Uploading a large panel did not work
8074	IO proxy device can be added as a master, after pressing the 'Discover' button
8233	In some cases 'Create PDF Summary' caused an exception.
8282	Exception occurred when renaming/duplicating/adding a type of a driver or a driver, when the drivers were sorted by type
8302	File name validation: Do not allow "/", or any other illegal character on the driver name
8149	KC3 GUI – Text info was not visible when the display setting in WIN was set above 100%
8074	IO proxy device can be added as a master, after pressing



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QC ID	Description
8395	Non-English characters in the RC-74DL knob table name in the Device manager ended with a non-operational table
8455	Editing the vDevice view on PCs/Laptops with a built-in touch screen causes KC3 to crash
8461	Problem with images not appearing correctly in virtual device
8466	Added a horizontal scroll bar to the driver manager, when OS display definition was larger than 100%
8473	'File -> Export device' opened the wrong parts of the dialog box.
8453	The 4th slave cannot be replaced, when having an IO proxy device in the setup

Bugs to be Fixed in Future Version:

QC ID	Description
1938	WEB: Show SL-1 front panel, with its relays and GPI/O ports, like SL-10 and SL-12 display.
5000	Filter the exception messages coming from the RC, so only the content, which comes with the name of the command, will appear
5149	K-Config cannot re-connect to a master after a slave upgrades FW via K-Net cable
5405	WEB: No indication for lamp hours on new (KC3) Web page. Used to be in KC2.
5657	Remove 'Table' commands from the 'Device specific' command list.
5690	GUI: In some cases, the 'pencil' icon of editing a button in the 'Device View' area, appears far from the desired button.
6460	Align to grid or any alignment in Edit Device View
6677	WEB: Allow using the protocol commands (blue buttons on the right side of the screen) from the Web page, on a setup with I/O gateway
7085	KC3 crashed once upon startup (cannot be reproduced)
7127	Script issue: when more than 1 query is defined, delays, timers and the sub-routines that contain them, might cause some queries not to work properly
7190	Problems viewing the virtual device on an iPad
7195	Sync to device via TCP fails in more than one scenario
7232	WEB: Add implementation of open/close relays on the Web page.
7247	The Display Type drop down in the Device Manager is not listed alphabetically
7256	Phantom empty ports appear/disappear
7276	Connecting to a macro device (e.g. RC-2C) after finding it on the 'Discovered devices' list - does nothing. The user has to connect to the device again in order to work with it.
7314	DHCP changes are not reflected in the Status area in the K-config
7315	Not appear asterisk in the window title when editing Digital output (of GPIO)



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QC ID	Description
7359	Converting K-Touch driver with <cr> inside the command failed
7371	Saving an unnamed file with the same name generates an error message containing the default unnamed file name
7556	Cannot replace an existing image background of a VDevice with a color background
7688	A VDevice, having the same name as a Kramer device (e.g. VS-62D matrix), appears on the 'Discovered devices' list
7710	Allow editing the knobs' states number from the 'Triggers' area
7731	The conversion from regular IR to pronto IR might be inaccurate in some cases
7887	KC3 Device Manager – one can't trace an empty folder in the tree, trying to delete a subfolder ended with a fatal error message
8281	"PDF Summary" does not contain commands under the 'device specific' branch.
8544	Happened Once: An erroneous addition of an image to the VDevice's background will cause the KC3 to crash upon opening the project

Known Issues:

- Installing this version requires Internet access. If you are installing on a PC without Internet access, contact your Kramer office to receive the standalone installation package.

Preceding Version: S – 3.2.0.1



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Product Name: K-Config 3
Preceding Version: S – 3.2.0.1
Version Date: April 2016
Reference: 10488

The following changes were made in this version:

Added Features:

- Extended support of Ethernet expansion via Control Gateway (Proxy device) with FC-22ETH, FC-24ETH, FC-26, FC-28, and FC-132ETH integration.
- Expanded driver database.

Fixes:

- Many bugs were fixed.

Internal Known Issues:

QC ID	Description
1938	WEB: Show SL-1's front panel, with its relays and GPI/O ports, like SL-10 and SL-12 display.
5000	Filter the exception messages coming from the RC, so only the content, which comes with the name of the command, will appear
5149	K-config cannot re-connect to master after slave FW upgrade via K-Net cable
5405	WEB: No indication for lamp hour on new (KC3) Web page. Used to be in KC2.
5458	WEB: In scheduled tasks, when the task's minutes number is lower than 10, the "0" is not displayed.
5657	Remove 'Table' commands from the 'Device specific' command list.
5690	GUI: In some cases, the 'pencil' icon of editing a button in the 'Device View' area, will appear far from the desired button.
5841	Adding a relay action to a GPI/O digital input with pullup port shows "High/Low voltage" radio buttons instead of "Open/Close" radio buttons
6677	WEB: Allow using the protocol commands (blue buttons on the right side of the screen) from the Web page, on a setup with IO proxy
6693	Do NOT synch to device if all slaves do NOT have a k-net id assigned to them
7127	Script issue: Delays, Timers and Sub-routines which contain them, in queries, when more than 1 query is defined, might cause some queries not to work properly



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QC ID	Description
7191	WEB: wide devices are not fully displayed on iPads, tablets etc... when working vertically
7195	Sync to device via TCP is failed on few rare scenarios
7276	Connecting to a macro device (e.g. RC-2C) after finding it on the 'Discovered devices' list - does nothing. The user has to connect to the device again in order to work with it.
7314	DHCP changes are not reflected in the Status area in the K-config

Known Issues:

- Installing this version requires Internet access. If you are installing on a PC without Internet access, contact your Kramer office to receive the standalone installation package.

Preceding Version: S – 3.1.1.3



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Product Name: K-Config 3
Preceding Version: S – 3.1.1.3
Version Date: February 2016
Reference: 10070

The following changes were made in this version:

Added Features:

- A new user-friendly UI featuring quick searches, keyboard control, keyboard shortcuts, dragging, icons, etc.
- A "Discover" button that allows scanning your network to find all room controllers available - detect and connect
- Easy "one-click" installation and updates ("check for updates")
- Quick access to "Recent Project"
- An enriched bank of drivers
- An easy sorting system and quick search for the driver manager
- An improved "Test command" feature.
- Added states for knobs
- Up to 15 Ethernet ports per master device
- New "Proxy" device (FC-26/28, FC-22/24ETH & FC-132ETH) integration
- Easy I/O port expansion on your Master Controller, without using slave devices.
- New and powerful virtual device editor
- Each virtual device now supports 128 buttons, frames, knobs, panels (with navigation control), icons and backgrounds
- A totally new Web page implemented at room controllers includes control, scheduling, macros, VD viewer and more

Fixes:

- Extensive bug fixes from K-Config 2.



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Internal Known Issues:

QC ID	Description
1938	WEB: Show SL-1's front panel, with its relays and GPI/O ports, like SL-10 and SL-12 display.
5000	Filter the exception messages coming from the RC, so only the content, which comes with the name of the command, will appear
5149	K-config cannot re-connect to master after slave FW upgrade via K-Net cable
5248	ENH: Prevent the user from defining the connected device in 'Port manager'
5405	WEB: No indication for lamp hour on new (KC3) Web page. Used to be in KC2.
5458	WEB: In scheduled tasks, when the task's minutes number is lower than 10, the "0" is not displayed.
5657	Remove 'Table' commands from the 'Device specific' command list.
5690	GUI: In some cases, the 'pencil' icon of editing a button in the 'Device View' area, will appear far from the desired button.
5841	Adding a relay action to a GPI/O digital input with pullup port shows "High/Low voltage" radio buttons instead of "Open/Close" radio buttons
6460	Align to grid or any alignment in Edit Device View
6677	WEB: Allow using the protocol commands (blue buttons on the right side of the screen) from the Web page, on a setup with IO proxy
6693	Do NOT synch to device if all slaves do NOT have a k-net id assigned to them
7085	KC3 crashed upon startup
7127	Script issue: Delays, Timers and Sub-routines which contain them, in queries, when more than 1 query is defined, might cause some queries not to work properly
7191	WEB: wide devices are not fully displayed on iPads, tablets etc... when working vertically
7195	Sync to device via TCP is failed on more than one scenario
7232	WEB: Further to bug #6798 - Add implementation of open/close relays on the Web page.
7276	Connecting to a macro device (e.g. RC-2C) after finding it on the 'Discovered devices' list - does nothing. The user has to connect to the device again in order to work with it.
7314	DHCP changes are not reflected in the Status area in the K-config
7359	Converting K-Touch driver with <cr> inside the command failed
7371	Saving an unum file with the same name generates an error message containing the default unum file name



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Known Issues:

- Installing this version requires Internet access. If you are installing on a PC without Internet access, contact your Kramer office to receive the standalone installation package.

Preceding Version: S – 2.0.0.85



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Product Name: K-Config 2
Preceding Version: S – 2.0.0.85
Version Date: August 2014
Reference: 7722

The following changes were made in this version:

Fixes:

- An issue with changing the IP address of a room controller was fixed.
- Several minor Web page bugs were fixed.

Known Issues:

- The installation process for K-Config 2 does not include the required XML product templates that represent the various Kramer RCs. Without these files the Master device list is empty.
- If upgrading from an older version of K-Config, the software can continue to use the XML files stored in the device folder of the previous version's working directory. We recommend overwriting the existing folder with the new device folder that can be downloaded from:
<http://www.kramerelectronics.com/support/download.asp?f=39867>.
- If installing K-Config for the first time, a warning message is displayed when first launching the software. Either follow the link in the message and download the most recent XML files and import them into the software. Otherwise, download the device folder from:
<http://www.kramerelectronics.com/support/download.asp?f=39867>
and import the XML files from this folder.
- Projects created with preceding versions might not be fully compatible with this version. Make sure to backup old KPR files before opening them with the new version.
- Configurations created for RC-2/RC-2C/RC-52N and other devices using RC-SV configuration software are not fully compatible with K-Config.
- The GPI/O on the SL-14RC may not be stable.
- SL-1, SL-14RC and SL-14RCN – We recommend not using the new firmware for projects where more than one running Query is required. Additional details can be found in the release notes of these products.



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- When installing this version on a PC without a previous K-Config version, be sure to download the "KrameLogo.png" file from the Downloads section of the K-Config 2 page.
Put it in the folder: "My Documents\Kramer\Kramer K-Config2\GL\KramerFiles\" created after the installation process was finished.

Preceding Software Version: S – 2.0.0.82



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Product Name: K-Config 2
Preceding Version: S – 2.0.0.82
Version Date: March 2014
Reference: 1027

The following changes were made in this version:

Added Features:

- New driver database
- Improved GUI
- Improved workflow
- Improved virtual device support
- Flexible queries and messaging system

Fixes:

- Several minor Web page bugs were fixed
- Delay action fixes
- Button behavior for some units was fixed



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Known Issues:

- The installation process for K-Config 2 does not include the required XML product templates that represent the various Kramer RCs. Without these files the Master device list is empty.
- If upgrading from an older version of K-Config, the software can continue to use the XML files stored in the device folder of the previous version's working directory. We recommend overwriting the existing folder with the new device folder that can be downloaded from:
<http://www.kramerelectronics.com/support/download.asp?f=39867>.
- If installing K-Config for the first time, a warning message is displayed when first launching the software. Either follow the link in the message and download the most recent XML files and import them into the software. Otherwise, download the device folder from:
<http://www.kramerelectronics.com/support/download.asp?f=39867>
and import the XML files from this folder.
- Projects created with preceding versions might not be fully compatible with this version. Make sure to backup old KPR files before opening them with the new version.
- Configurations created for RC-2/RC-2C/RC-52N and other devices using RC-SV configuration software are not fully compatible with K-Config.
- The GPI/O on the SL-14RC may not be stable.
- SL-1, SL-14RC and SL-14RCN – We recommend not using the new firmware for projects where more than one running Query is required. Additional details can be found in the release notes of these products.

Preceding Software Version: S - 1.0.3.37



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Product Name: K-Config
Preceding Version: S – 1.0.3.37
Version Date: February 2013
Reference: 5299

Release Type:

☐ **Firmware** ☒ **Software** ☐ **Hardware** ☐ **New Product**

Kramer Products Affected:

Product Name	Required Firmware Version
SV-551	Minimum required SV-551 firmware version for maximum compatibility - 3.3.1.3782
SV-552	Minimum required SV-552 firmware version for maximum compatibility - 3.3.1.3782
WP-500	Minimum required firmware version for maximum compatibility - 3.3.1.3782
WP-501	Minimum required firmware version for maximum compatibility - 3.3.1.4342
SL-1	Minimum required firmware version for maximum compatibility - 3.3.1.4071
SL-12	Minimum required firmware version for maximum compatibility - 3.3.1.4614
SL-14RC	Minimum required firmware version for maximum compatibility - 3.3.1.4071
RC-63D series	Minimum required RC-6X firmware version for maximum compatibility - 3.3.2.5136
RC-63A series	Minimum required RC-6X firmware version for maximum compatibility - 3.3.2.5136



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Product Name	Required Firmware Version
RC-62 series	Minimum required RC-6X firmware version for maximum compatibility - 3.3.2.5136
RC-53D series	Minimum required firmware version for maximum compatibility - 3.2.2.3166
RC-53DLC series	Minimum required firmware version for maximum compatibility - 3.2.2.3480
RC-74DL series	Minimum required firmware version for maximum compatibility - 3.5.1.7535
RC-2	Minimum required firmware version for maximum compatibility - 4642
RC-2C	Minimum required firmware version for maximum compatibility - 3531
RC-52/N	Minimum required firmware version for maximum compatibility - 3531

Technical Notes:

- The time server function is now supported with the latest firmware version of the RC-74DL.



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Kramer Internal Use

Product Name: K-Config
Preceding Version: S – 1.0.3.37
Version Date: February 2013
Reference: 5299

The following changes were made in this version:

Added Features:

- The time server function is now supported with the latest firmware version of the RC-74DL.

Fixes:

- Several minor Web page bugs were fixed.

Known Issues:

- Same as version 1.0.3.X.

Preceding Software Version: 1.0.3.X



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Kramer Internal Use

Product Name: K-Config
Preceding Version: 1.0.3.x
Version Date: December 2011
Reference: 1553

The following changes were made in this version:

Added Features:

Driver Manager:

- The serial table interface was improved – table lines can be selected manually and automatically.

Devices:

- Kramer RC devices can now be added to K-Config by importing their XML template using the "import device" option.
- Virtual Device layouts created in K-Config can now be shared with other K-Config users using the "export device" and "import device" options.
- Button behavior of "States" (manually controlled toggling function) was added.
- The Ethernet port of the relevant RC units can now be configured to control AV equipment.
- The "Same as" option (for Aux devices) now includes the digital knob defined for the internal audio amplifier of the SV-551/SV-552.
- In applicable units (WP-501, for example), EDID information is uploaded to the unit when uploading the CFG file.

Software Interface

- Selecting an RC button that already has a defined action list now goes directly to this action list.
- The "Delay" function is now an independent Action.

Fixes:



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Kramer Internal Use

- When defining GPI/O as "Digital Input" with a pull-up resistor, the user can no longer adjust the threshold values.
- The RC-52 was removed from the master device list.
- K-Config now limits the number of available commands in an RC-2/RC-2C/ RC-52N action list to their proper numbers.
- Scheduled tasks can no longer be set for the RC-2/RC-2C.
- The "Set K-Net ID" is no longer available for devices without a K-Net port (ex. WP-500).

Known Issues:

- The installation process for this version of K-Config does not include the required XML product templates that represent the various Kramer RCs. Without these files the Master device list will be empty.
- If upgrading from an older version of K-Config, the software can continue to use the XML files stored at the Device folder of the previous version's working directory, but we recommend overwriting the existing folder with the new Device folder that can be downloaded from: <http://www.kramerelectronics.com/support/download.asp?f=39867>.
- If installing K-Config for the first time, a suitable warning message is displayed when launching the software for the first time. Either follow the link in the message and download the most recent XML files and import them into the software. Otherwise, the Device folder can be downloaded from: <http://www.kramerelectronics.com/support/download.asp?f=39867> and the XML files can be imported from this folder.
- Projects created with versions preceding build 70 of K-Config might not be fully compatible with this version. Make sure to backup old KPR files before opening them with the new version.
- Configurations created for RC-2/RC-2C/RC-52N and other devices with RC-SV configuration software are not fully compatible with K-Config.
- The GPI/O on the SL-14RC might be unstable.

Preceding Software Version: S - 1.0.2.X



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Kramer Internal Use

Product Name: K-Config
Preceding Version: 1.0.2.x
Version Date: May 2011
Reference: 6716

The following changes were made in this version:

Fixes:

- K-Config 1.0.2.X was made compatible with Windows Vista 32/64-bit and Windows 7 32/64-bit.
- SL-14RC was removed from the Aux device list.
- GPI/O ports on Aux K-Net devices are now not accessible for programming.
- GPI/O defined as "Digital Output" cannot be accessed now on the GPI/O triggers list.
- The "Add Custom Trigger" button was removed for RC-2 / RC-2C / RC-52 / RC-52N.

Known Issues:

- There is a faulty representation of RC-63ED and SL-14RC in the software. To correct this:

Copy the three files from the XML folder (which is part of the K-Config ZIP archive) to the "Devices" folder under the K-Config working directories (usually found in "...\\Kramer\\Kramer K-Config\\Devices").

The K-Config "Devices" folder is found under the selected working directory for the K-Config, as it is shown under the K-Config "File Menu" tab. The default working directory is "My Documents\\Kramer\\Kramer K-Config".
- When prompted, acknowledge replacing the old files in the "Devices" folder with the new ones.
- Projects created with versions preceding build 70 of K-Config might not be fully compatible with this version. Make sure to backup old KPR files before opening them with the new version.



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Kramer Internal Use

- Configurations created for RC-2/RC-2C/RC-52N and other devices with RC-SV configuration software are not fully compatible with K-Config.
- The GPI/O on the SL-14RC might be unstable.
- When defining GPI/O as "Digital Input", the user can still adjust the threshold values. For proper operation the user must leave them at their preset values.
- RC-52 and RC-52N – Both devices appear in the Master Device list. Use only the "RC-52N" option from the list. Choosing RC-52 gives a reduced set of configuration options.
- RC-2 – The number of commands in each action list is limited to 4. K-Config allows more commands, but commands 5 and higher do not upload to the device.
- RC-2C / RC-52 / RC-52N – The number of commands in each action list is limited to 8. K-Config allows more commands, but commands 9 and higher do not upload to the device.
- RC-2 / RC-2C – The "Scheduler" option is visible and active although it is impossible to use scheduled tasks with these units. Choosing this option when configuring these units might cause K-Config to crash.
- The "Set K-Net ID" is available for the WP-500. Do not change the default K-Net ID number.

Preceding Software Version: S - 1.0.1.X



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Kramer Internal Use

Product Name: K-Config
Current Version: 1.0.1.x
Version Date: March 2011
Reference: 6622

The following changes were made in this version:

Added Features:

Driver Manager:

- A Duplicate feature was added to enable the quick duplication of existing drivers and commands.
- Serial command names can be colored to indicate their usage.
- Serial commands can be ordered in lists to enable easy access to commonly used commands.

Devices:

- Support was added for RC-2, RC-2C, RC-52/N, VP-81KSi, and Virtual Device.
- Up to 4 auxiliary devices and up to 2 Virtual Devices can be configured together with the Master RC controller (The number of devices depends on the Master RC in use).
- Defining a "Virtual Device triggers layer" for communication with applications built on a customized platform (iOS, Android, Window, etc.) See the *Virtual Device Build Guidelines* document.
- Control ports (RS-232, IR, relays) of K-Net aux devices can now be used for outgoing control commands or actions. (Relevant control ports of the Master RC still support bidirectional communications.)
- AV devices that are defined in the port manager section of the Master RC and K-Net aux devices, and are connected to the K-Net devices, now appear in the control room area.
- When using several identical K-Net aux devices that perform the same function, they can be defined as "same as" to minimize the required configuration.



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Kramer Internal Use

- GPI/O support was added for relevant devices (as defined in the port manager).
- Button color selection was added for machines with a limited number of colors.
- Device settings for K-Net aux devices can now be accessed. (The aux device is connected to the relevant Master RC that must be connected to the PC.)

Software Interface

- Actions in the Trigger Action list now specifies the K-Net device name and port type.
- Descriptions can be added for all K-Net devices in the control room area.

Fixes:

- SV-551 and SV-552 analog audio control – In some rare cases, the SV-551 and SV-552 analog audio volume control (10V control input) did not work properly.
- K-Config 1.0.1.X was made compatible with Windows7/64-bit.
- Stability was improved for exporting and importing drivers and K-Config projects.

Modifications:

- Graphic changes were made to the driver manager, device settings tab, and Web Settings tab.
- The Configuration menu was deleted and its items were moved to the port manager area.
- Volume property settings for the SV-551/SV-552 (analog or digital) are now done via their port manager.
- "Relay Command" was changed to "Port Switch" in the Action Type list.

Known Issues:



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Kramer Internal Use

- Compatibility with previous versions of K-Config - Projects created with versions preceding build 70 of K-Config might not be fully compatible with this version. Make sure to backup old KPR files before opening them with the new version.
- Compatibility with RC-SV configuration software - Configurations created for RC-2/RC-2C/RC-52N and other devices with RC-SV configuration software are not fully compatible with K-Config.
- Aux device list – Although it appears on the K-Net aux device list, the SL-14RC cannot be used as an aux K-Net device.
- GPI/O on aux K-Net Devices – Although the K-Config allows configuration of GPI/O ports on aux devices, they can no be used. Only the GPI/O on the Master RC can be used.
- SL-14RC GPI/O – The GPI/O on the SL-14RC may be unstable.
- When defining GPI/O as "Digital Input", the user can still adjust the threshold values. For proper operation the user must leave them at there preset values.
- When defining GPI/O as "Digital Output" it is still available on the GPI/O triggers list, although it can only be used to close/open a circuit and not to trigger an action list.
- RC-52 / RC-52N – Both units appear in the Master Device list. Use only the "RC-52N" option from the list. Choosing RC-52 gives a reduced set of configuration options.
- RC-2 – The number of commands in each action list is limited to 4. K-Config allows more commands, but commands 5 and over do not upload to the device.
- RC-2C / RC-52 / RC-52N – The number of commands in each action list is to 8. K-Config allows more commands, but commands 9 and over do not upload to the device.
- RC-2 / RC-2C / RC-52 / RC-52N – The “Add Custom Trigger” button is visible and active although it is impossible to upload custom triggers to these units. Using this option when configuring these units might cause K-Config to crash.
- RC-2 / RC-2C – The “Scheduler” option is visible and active although it is impossible to use scheduled tasks with these units. Choosing this option when configuring these units might cause K-Config to crash.
- With some relevant Kramer devices, the USB connection might have problems under Windows Vista and Windows 7. See details in the release notes of each device.



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Kramer Internal Use

Preceding Software Version: S - 1.0.0.70



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Kramer Internal Use

Product Name: K-Config
Preceding Version: 1.0.0.70
Version Date: October 2010
Reference: 6391

The following changes were made in this version:

Added Features:

- Configurable digital audio knob support – The installer can now configure the digital audio knob (RC-63D series, RC-53D and SL-14RC) to control the volume of any power amplifier, or to enable any knob-related control actions. Control on the relevant LEDs is now also flexible, due to new, dedicated, action commands.
- Timers – A timer mechanism was added to the K-Config trigger options. Timers enable the control system to wait for a defined time for an event to occur and act upon the actual result.
- New product support – Kramer SL-1 is now supported.
- Dynamic trigger list – Each type of trigger (custom, timer, monitored event and button press) now has a dedicated color in the trigger list. Also, the trigger order in the trigger list cannot be changed by the user.
- Serial range tables – Serial command tables that allow easy implementation of range-based serial commands were added to the driver manager. Serial range tables can be linked to a digital audio knob or to any other type of trigger.
- Improved audio equalization control – The audio control Web page for the SV-551 and SV-552 was improved to allow better control over the audio properties of the built-in audio amplifier.
- "Button hold" support added to HTML files – Remote users can now initiate "button hold" action lists from the HTML files.

Fixes:

- Logo insertion in web settings – The supported sizes were expanded of the logo inserted into the dynamic HTML files uploaded to the room controller.
- Improved project encapsulation – KPR projects saved in K-Config are now more stable and enable easier sharing of projects between K-Config users.



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Kramer Internal Use

- Updated serial data parsing in look up tables – The number of entries was increased to 15 and the parsing method of the received serial data was improved in queries in look up tables.
- Improved support for user authorization on the WebAccess – When accessing the HTML files on a room controller, there is greater separation between "User" and "Admin".

Known Issues:

- Compatibility with previous versions of K-Config - Projects created with previous versions of K-Config might not be fully compatible with this version. Make sure to back up old KPR files before opening them with this version.
- SV-551 and SV-552 analog audio control – In some rare cases, the SV-551 and SV-552 analog audio volume control (10V control input) might not work properly. Prefer using the RC-6D series and RC-53D controllers for digital audio volume control.

Preceding Version: S - 1.0.0.33



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