Product Name: K-Config

Current 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 FW version for maximum compatibility - **3.3.1.3782**
SV-552	Minimum required SV-552 FW version for maximum compatibility - **3.3.1.3782**
WP-500	Minimum required FW version for maximum compatibility - **3.3.1.3782**
WP-501	Minimum required FW version for maximum compatibility - **3.3.1.4342**
SL-1	Minimum required FW version for maximum compatibility - **3.3.1.4071**
SL-12	Minimum required FW version for maximum compatibility - **3.3.1.4614**
SL-14RC	Minimum required FW version for maximum compatibility - **3.3.1.4071**
RC-63D series	Minimum required RC-6X FW version for maximum compatibility - **3.3.2.5136**
RC-63A series	Minimum required RC-6X FW version for maximum compatibility - **3.3.2.5136**

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

Technical Notes:

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

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Current 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 FW version of the RC-74DL.

Fixes:

- Several minor Web page bugs were fixes.

Known Issues:

- Same as version 1.0.3.X.

Preceding Software Version: 1.0.3.X

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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.

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Fixes:

- 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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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.

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- 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.

- 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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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.

- 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.

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Known Issues:

- 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.

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- 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.

Preceding Software Version: S - 1.0.0.70

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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.

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- Improved project encapsulation – KPR projects saved in K-Config are now more stable and enable easier sharing of projects between K-Config users.

- 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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