

Cinema.jnior for Series 3 (310/312) Release Notes

Version	Comments
2.47 12/09/19	+ Adding the ability to query the IO for current state using din#? and rout#?
2.46 11/22/19	+ Allowing multiple logic commands per cinema server client command
2.45 1/18/19	+ Adding day of week and day of month options to schedule
2.44 8/21/2018	! A macro file was not being backed up to flash after a soft reboot
2.43 7/05/2017	* I dont think the change in 2.41 covered all the bases. An exception was thrown that skipped the logic that prevented the loop from exiting.
2.42.314.1148 3/14/2017	RELEASED to Website May 30, 2017 + Made it so that the masking mode in the preshow client handler is static and not dependent on the connection staying active. The cinema program retains the last masking mode state triggered as flat or scope until the JNIOR is rebooted or the mode is changed.
2.41.624.1443 6/24/2016	! Fixed an issue where a 'serial connection' via the Cinema Server Client or the Client would exit when reading a serial port and log the 'end of stream' message. Now flush all available bytes and the connection is tried again.
2.40.925.1320 9/25/2015	! Fixed an issue where two macros using the same RAW Ethernet device configured to run back to back in a macro would cause a failure. The program can now handle back to back actions to RAW Ethernet devices.
2.38.827.1601 8/27/2015	! Fixed a memory leak associated with the cinema server client port where the connections were not being closed properly and would eventually create a problem with cinema.jnior.
2.37.529.1244 5/29/2015	+ Made it easier to enter HEX strings in the data field for a macro. In order to send "hello", you used to have to enter hex 68h 65h 6c 6c 6fh With the latest release you can now send hex 68656c6c6f Either method will work.
2.36.420.1232 4/20/2015	+ Added delay logic to all input 'triggers'. The user can enter a value in seconds representing the time to delay after an input goes 'on' before executing the macro defined. The macro will trigger after the delay regardless if the input is still on or has gone off.
2.34.212.1338 2/12/2015	RELEASED to Website April 7, 2015 ! Fixed an issue sending multiple macro commands from a cinema server (GDC for sure) to the Cinema Server Client port where some macros may not be executed. All are properly executed now.

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<p>2.33.112.1525 1/12/2015</p>	<p>RELEASED to Website February 10, 2015</p> <p>+ Allowed connections to devices to be handled as separate thread to increase speed of macros when 'device is not available'. However, this does cause 'success' to be logged incorrectly in cinema.jnior log because the program does not wait to find out if the connection to the device was a success or failure. Devices.log correctly logs status of the connection to the external device. Considered acceptable 'error' for now.</p> <p><u>NOTE:</u> Leaving the IP address blank in a devices file when testing or while the IP address is unknown, allows the Cinema program to quickly 'fail' the action for that device and move to the next action in the macro.</p> <p>! Fixed an issue where the program could handle more than 100 actions, but it would not execute any of the actions beyond 100. Program now handles and executes up to 200 different actions.</p>
<p>2.30.1003.925 10/3/2014</p>	<p>+ Increased the number of unique 'actions' allowed in the macro configuration file to 200. It was previously limited to 100 and adding the 101st action would cause the macro file to not load</p> <p>+ Allowed Cinema.JNIOR to handle relay pulse durations for less than whole seconds. In the macro file, the user can now enter numbers with decimals, for example 0.5, and Cinema.JNIOR will pulse that relay for the appropriate number of milliseconds, for example, 500 milliseconds.</p> <p>+ Added the ability to send a reboot command from a cinema server or other device connected to the Cinema Server Client port. The application just sends the word reboot and the JNIOR will activate a soft reboot.</p> <p>! Fixed an issue with the JNIOR Control Panel where Cinema.JNIOR would cause a deadlock and the macro being executed with actions for the Control Panel would not complete keeping the macro from being able to execute again until rebooted</p> <p>! Fixed an issue with the Client serial server that caused the port to not respond.</p>
<p>2.28.108.1523 1/8/2014</p>	<p>RELEASED to Website March 20, 2014</p> <p>+ Added ability to send escape sequences as part of 'data' field in macro \r, \n, \t, \f, \b, \0, \xnn (where nn is the hex digits - for example \x50 represents P)</p> <p>! Fixed miscellaneous logging issues</p>
<p>2.27</p>	<p>! Fixed issue with QSC DCP300 commands</p> <p>! Fixed a few issues with Event Manager logic</p>
<p>2.26</p>	<p>+ Added Event Manager logic, including Intermission feature</p> <p>+ added FPLED ALL function for commanding all LEDs at once in a macro</p>
<p>2.22.1115.1501</p>	<p>! Fixed an issue where a cinema server connection that was established and disconnected quickly would prevent a macro from executing.</p>

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<p>2.22.914.1758 9/14/2012</p>	<p>+ Added additional logging when failsafe timers start and finish</p> <p>+ added MASTER AMP POWER STANDBY for QSC</p> <p>! Fixed a bug that was causing too many thread exceptions when cinema server clients connect and disconnect many times</p>
<p>2.21.601.1528 6/1/2012</p>	<p>+ Added Preshow Client Logic for Start_3d</p>
<p>2.20.515.1018 5/15/2012</p>	<p>+ Added custom code for the Prodokol Player</p>
<p>2.13.402.1305 4/2/2012</p>	<p>+ Added I/O logic capabilities to the I/O status, Preshow Client, Cinema Server Client, and Macro sections of the code.</p> <p>! Fixed issues with the Message Repeaters stopping just after midnight</p> <p>! Fixed issues where a Message Repeater would stop</p> <p>! Fixed an issue where the logger would cause a stack overflow and cause cinema.jnior to crash.</p>
<p>2.12.220.1009 2/20/2012</p>	<p>! Fixed an issue where log entries to the devices.log were showing the date as 1/1/1969.</p>
<p>2.12.209.1540 2/9/2012</p>	<p>+ Added a Wake On LAN action to the macro</p> <p>+ Added Preshow Lock Inverted registry key. This key will tell the code to treat the preshow lock as TRUE when the defined output is OPEN.</p> <p>+ Added the ability to schedule a MACRO when cinema is done loading.</p> <p>+ Added the ability to schedule a MACRO to run at a given time every day.</p> <p>+ Added the ability to Slave OUPUTS to inputs within cinema. This is much like Slaving in the operating system but includes the 4ROUT outputs and does not include the ability to Slave outputs to outputs or slave to I/O on a different JNIOR.</p> <p>! Case sensitivity fixes for MACROS containing Cinema Server and Preshow Client messaging.</p> <p>! Fix for Toggling an output from closed to open state</p> <p>! Fix to allow macro to stop gracefully when executing while preshow lock is turned on</p> <p>- Removed the CASE SENSITIVITY registry key. All macros will send their data how it is entered in the data field in the macro editor tab.</p>
<p>2.11.1313 1/13/2012</p>	<p>2.11 patch</p> <p>! Case sensitivity fixes for MACROS containing I/O control.</p>

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<p>2.11 11/8/2011</p>	<p>+ Added the ability to upload new Macro or Device files without the need to reboot the JNIOR or restart the cinema.jnior application. This improves setup time dramatically</p> <p>* Pauses the logging and hot configurable file and registry checks while a macro is in process</p>
<p>2.10 10/11/2011</p>	<p>+ Added a macro_executing response to the cinema server object that USL will use for their RTM device</p>
<p>2.9 9/22/2011</p>	<p>+ Added official support for the Control Panel with Sound</p> <p>! fixed a bug that caused too many threads to be created when a cinema server connection was created and disconnected</p> <p>+ Added a registry key to prevent a two instances of a macro to be executed at the same time</p>
<p>2.8</p>	<p>! Bug fix for GDC sending a linefeed (\n) that was not discarded and eventually filled up the receive buffer and caused the connection to be closed</p>
<p>2.7</p>	
<p>2.6.726.824</p>	<p>+ Added support for the Control Panel</p> <p>+ Added synchronization the external device communications</p>
<p>2.5.819.1324</p>	<p>2.5.623 patch</p> <p>+ Added the ability for the Fail Safe Time to execute the end_preshow macro even if preshow lock on. Since in most cases the end_preshow alerts the cinema server we want this action to happen in case the preshow lock was incorrectly left on.</p>
<p>2.5.623.1600</p>	<p>! Case sensitivity fix. External device actions were not being executed if the CaseSensitivity registry key was set to true.</p> <p>+ Added the ability to turn off the client.log</p>
<p>2.4.512.1148</p>	<p>+ Added additional Barco logging.</p> <p>- Removed the Barco response logic.</p> <p>* Corrected issue where Barco was not fully disconnecting after every send. Not correctly disconnecting would cause the next send to fail.</p> <p>* Changed the devices.log so that the device name is always first.</p> <p>* Changed the phrasing of the words to past tense. ex. dowser closed instead of opening dowser</p> <p>+ Added additional logging to capture when the macro fails that causes the start_preshow_failed message.</p> <p>- Removed the digital_movie_started message.</p>

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<p>2.3.422.953</p>	<p>+ Added manual masking logic</p> <p>! Fix for the preshow client ethernet connection not cleaning itself up on disconnect. This was causing the aux port to stop reporting movie_on and movie_off.</p> <p>! Fix for removing the state listeners for the IO. Every connection was still subscribed to the IO and was trying to receive the state changes but "no output stream to write to" was being logged.</p>
<p>2.2.413.1449</p>	<p>+ Added the ability to query the fire alarm</p> <p>! Fixed the termination string for the Dolby CP750</p> <p>! Fixed a bug in the fire alarm that was causing it to not cycle the inversion</p> <p>+ Added macro result. This was to provide a preshow client with a result if any action in its macro was unsuccessful.</p> <p>* Changed key from PreshowStartResponse to PreshowStartSuccessResponse</p> <p>+ added PreshowStartFailedResponse</p> <p>* Changed the command used by the NEC to command the lamp. It is the set lamp mode command not picture mute / unmute.</p> <p>* changed the return type on device macroExecute to boolean from void.</p>
<p>2.0.221.1534</p>	<p>+ Added the Cinema Server Client</p> <p>! Fixed the NEC device. The input switch was only firing once. There was a bug in the checksum. The checksum was always incrementing.</p> <p>! Fixed power on / off was never getting called.</p>
<p>2.0.113.1308</p>	<p>* Changed the macro logic so that multiple actions can run at the same time.</p>
<p>1.15.x</p>	<p>! Fixed a bug where the termination strings weren't being sent correctly with raw Ethernet and raw serial connections</p>
<p>1.14.x</p>	<p>! Fixed a big where Ethernet client connection will no longer miss bytes that are sent immediately after establishing the connection</p>
<p>1.13.128.1433</p>	<p>+ Added a device type for the JSD100. Set Fader, Adjust Fader, Set Input and Set Mute functions have been implemented</p>
<p>1.12.1124.1608</p>	<p>+ Added a device type for the NEC VT700</p> <p>+ Added Send command for all devices. Both binary and ASCII are supported.</p>
<p>1.11.1112.1432</p>	<p>! Fixed a bug where the Raw Ethernet devices weren't connecting</p> <p>! Fixed a bug where Raw Ethernet devices that were configured to send with no data defined were throwing exceptions.</p>
<p>1.11.1016.1231</p>	<p>+ Added a duplicate instance check</p> <p>+ Additional logging at the start and end of a macro</p>

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<p>1.10.804.1359</p>	<p>+ Added a secondary clock now is kept in Cinema.jnior. The Time used is synchronized with the Real-Time clock up to every minute. This addresses a bug where some logs were updated with the new time and others were not. This new method does not require a reboot after the JNIOR time is changed either manually or via NTP synchronization.</p> <p>+ A flash backup file concept is implemented. In rare disruptive power events it is possible that the JNIOR can lose the files in RAM. However files in FLASH are always maintained. FLASH backup was implemented as follows. The files in ROOT will be checked for as before. If they exist then they will be copied to the flash/cinema_backup directory and then returned. There are checks in place to ensure BACKUP location only contains one valid backup copy of each file type. If the file does not exist in ROOT location then the flash/cinema_backup directory is checked for the desired file. If it is found in the backup location then the file is copied back to ROOT.</p> <p>- Removed the FILE_LOCATION registry key. The only location the application uses is the root location.</p>
<p>1.9</p>	<p>* Changed the version format to MAJOR.MINOR.DATE.TIME</p>
<p>1.8</p>	<p>* Changed the name of the IPProfile file to devices.csv</p> <p>* Changed the format of the Macro file</p> <p>* Changed the format of the Devices file to accommodate serial devices and the JNIOR Support Tool</p> <p>NOTE This version and later versions are not backwards compatible with previous versions</p>
<p>1.7.11</p>	<p>+ Added support for NEC projector. This has the same functionality as the Chrisite. Only the Barco has support for sending macro requests.</p>
<p>1.7.9</p>	<p>+ Added serial control to the Preshow Client Comm to allow similar functionality as jrmon -c. This functionality existed already because it is the way the macros are implemented. This protocol addition will send state change notifications on any IO change. This is disabled by default</p>
<p>1.7.2</p>	<p>* Changed how the logging SNMP traps are sent. Before we monitored the file sizes and sent when they reached 80% capacity. Now we send when the .bak file is created</p>
<p>1.7</p>	<p>- Removed debug statements.</p> <p>! Fixed the IO Monitor stopping when an exception was thrown. Relies on JNIOR OS version 2.21.1</p>
<p>1.6</p>	<p>* Major overhaul of inter-process comm. Relies on JNIOR OS version 2.21.0</p>
<p>1.5</p>	<p>! Few Bug fixes after testing with Doremi here in the office</p>
<p>1.4</p>	<p>+ Added Input Triggers and Christie protocol for Dowser open/close and Lamp on/off</p>

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1.3.6	! Bug fix for output 1 triggering on all pulses
1.3	First try to allow macro execution from JNIOR Protocol
1.2.11	+ Added the ability to associate a macro to be executed when the JNIOR received lamp_relay_open from a client
1.2	+ Added commands for Barco lamp / dowser and SMS macro requests
0.3.17	* First release