Installing and Testing Cinema.JNIOR

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The Cinema.JNIOR program is used to execute macros stored on the JNIOR. The macros can control the JNIOR I/O and external devices (projectors, serial devices, etc.) via the Ethernet and JNIOR serial ports. The Cinema.JNIOR software is loaded on the JNIOR by using the JNIOR Support Tool. The macros and devices are configured by also using the JNIOR Support Tool. Please see the JNIOR Support Tool Manual and Cinema.JNIOR manual for more details.

Installing Cinema.JNIOR

The Cinema.JNIOR software is distributed as a ZIP file that is an 'update project' that works with the JNIOR Support Tool. The zip contains a 'loader' program (.ldr file) with various load and configuration steps and the Cinema.JNIOR software and any other required software.

NOTES:

When downloading the installation project from our website, after you click on the download 'arrow', please select SAVE, do not select OPEN, because you want the file downloaded as a zip file.

Do NOT unzip the zip file. Please save it to your computer and let the JNIOR Support Tool unzip the file.

To install the Cinema.JNIOR software, go to the Update tab in the JNIOR Support Tool and click on the Open Project link. Then navigate to wherever you saved the update project ZIP file supplied by INTEG and select the ZIP.

JNIOR Support Tool	
File View About	
Beacon Devices Macro Update Logs Snapshot	
Open Project Close Project Edit Project Configuration Publish Update to JNIOR C	Cancel

As shown in the screen shot below, after you select the ZIP file and the JNIOR Support Tool 'unzips' it, the Cinema.JNIOR installation project contains several steps. To use the latest version of Cinema.JNIOR, you must update your JNIOR to JNIOR OS version 3.5.422.1046. The other steps load Cinema.JNIOR and change 'default' settings so that none of the inputs act as 'triggers' for specific actions. Instead, you will be able to trigger your macros by sending the macro name or defining inputs as triggers. Please see the Cinema.JNIOR manual for additional details.

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File View About					
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Open Project Close Project Edit Project Configuration Publish Update to JNIOB Cancel					
	uration and a				
Current Project : C: VDocuments and Settings (shuikosky, in LEGPG2 vapplication Data (in LEG VINTOR Support Looi	VHIIes VUpdate H	rojects \Linema.JINTUR_website.ior			
Step Status	Elapsed				
Cinema.JNIOR_website					
Update JNIOR OS 3.5.422.1046					
Load Cinema JNIOR 1,14,514,1012					
Set Client to Ethernet					
V Disable Feature Soft Start					
V Disable Fraction Soft					
Disable Prishvitton Torut					
Disable Fire Alarm Input					
V Disable Fire Alarm Release Input					
Load JNIOR Web Page					
Load JNIOR Applet					
Load JNIOR Protocol Jar					
Load JNIOR Protocol Helpers					
Reboot to Start Program					

Please leave all the steps 'checked' for your initial installation (you can 'uncheck' various steps once you understand why you would do that) and click on Publish Update to JNIOR. A pop-up window will be displayed listing all the JNIORs found via Beacon. Select your JNIOR, or if it is not displayed you can type in your IP address. The project will run and will look like the following screen shot upon a successful update.

JNIOR Support Tool					
File View About					
Beacon Devices Macro Update Logs	Snapshot				
Open Project Close Project Edit Project Con	iguration Publish Update to JN	IOR <u>Cancel</u>			
Current Project : C:\Documents and Settings\rsh	ulkosku INTEGPG2\Application	Data\INTEG\INIOB Support	Tool\Eiles\Llndate	Projects\Cinema.INIOB_website.ldr	
Step	Status		Elapsed		
CromaNIOR_webste CromaNIOR_webste CromaNIOR 5.5.422.1046 Uoad CinemaNIOR 1.14.514.1012 Set Run Key Set Client to Ethernet Disable Freature Soft Start Oisable Preshow Lock Disable Freature Soft Start Oisable Freature Soft Start Oisable Fire Alarm Release Input Oisable Preshow Lock Disable Fire Alarm Release Input Disable Fire Alarm Release Input Disable Preshow Lock Disable Preshow Lock Disable Preshow Lock Disable Preshow Lock Disable Fire Alarm Input	Reboot to Start Program Update Successful! Complete Complete Complete Complete Complete Complete Complete Complete Complete Complete Complete Complete Complete Complete Complete Complete Complete Complete	Update Successful	10:45 03:56 04:55 04:55 04:57 04:59 04:59 05:00 05:02 05:00 05:02 05:11 06:55 07:51 08:06 10:45		

NOTE:

The next time you want to run the Update Project for another JNIOR, when you click on Open Project, you can just select the Cinema.JNIOR_website.ldr file. You do not need to select the ZIP file again.

Testing Cinema.JNIOR

After you create a macro using the JNIOR Support Tool and 'publish' (transfer) it to the JNIOR, you can run your macro using a HyperTerminal session.

One of the configuration Steps used when loading the Cinema.JNIOR program was to set the "client" interface as an Ethernet connection over port 9300. This is shown in the screen shot below.



	🔜 Edit Project Configuration				
		Title Cinema.JNIOR_website			
<		Step Update JNIOR OS 3.5.422.1 Load Cinema.JNIOR 1.14.51 Set Ron Key Set Client to Ethernet Disoble Feature Soft Start	Type Update JNIOR Update Cinema Registry Key Registry Key		
		Disable Preshow Lock Disable Pushbutton Input Disable Fire Alarm Input Disable Fire Alarm Release In Load JNIOR Web Page Load JNIOR Applet Load JNIOR Protocol Jar Load JNIOR Protocol Helpers Reboot to Start Program	Registry Key Registry Key Registry Key Registry Key File Transfer File Transfer File Transfer File Transfer Reboot		

With this setting, you can configure a HyperTerminal session to communicate with Cinema.JNIOR on your JNIOR as follows.

Configure your Properties to use a TCP/IP (Winsock) connection, enter your JNIOR IP address and enter the port number as 9300.

When you click on the 'phone' or hit enter to 'connect', the JNIOR should send the message 'connected'. You can then execute a macro by typing:

run [macro name]

or

run [macro number] where the macro number is its order in the macro list

Cinema.JNIOR will execute the macro and send a message that it was executed. See the screen shot below.

Sinema.JNIOR Ethernet Client - HyperTerminal	
File Edit View Call Transfer Help	
12/02/09 21:40:13.955 + client_connected	
$12/02/00.21/02/00.076 \pm avanuated means 1$	
12/02/03 21.43.00.070 + executed_macro 1	
run preshow start	
12/02/09 21:43:37.188 + executed_macro preshow start	
-	

Please contact INTEG via e-mail at <u>INTEGsales@integpg.com</u> or via phone at 724-933-9350 extension 20 with any questions.