## Sending Macro Names from the Doremi to Cinema.JNIOR

Last Updated December 1, 2009

The Cinema.JNIOR program can execute macros stored on the JNIOR by receiving the name of the macro from the Doremi digital cinema server.

As of the date of this application note and based on the version of Doremi software available (firmware version 21.1v, software version 0.5.4-2), the macro name must be sent using a hex string. A tool is provided by INTEG that converts a macro name to the appropriate hex string for use in the Doremi.

The following example explains how to create a macro in the Doremi that contains an Action that will send the macro name Feature Start to the JNIOR.

The macro name is sent to the JNIOR using a Send a Message Action type. The Message Label should correspond to the macro name on the JNIOR so you can remember the macro being used. Select the JNior Device name. The Message Type is Binary. The Message to be sent is the macro name stored on the JNIOR converted to a hex string that also includes the necessary JNIOR protocol hex commands.

The Message (hex string) is created using the INTEG provided software tool. The macro name to be sent is not case sensitive, but the hex string is a function of the case used when entering the name into the INTEG tool. So to create the exact same hex string again, the case must be typed exactly the same.

Below is the INTEG Hex String Generator. Please enter the hex string WITHOUT spaces into the Doremi. The spaces are provided for ease of manually copying the string from the tool to the Doremi.



Below is the Doremi Action containing the hex string.

🎨 Send a Message	_ 🗆 🗙		
_Message label			
Feature Start			
_ Device name			
JNior	•		
Message type			
Binary	•		
Message			
010017ffffff056d6163726f01000d4665617475	72652		
	ancel		

Below the two are overlaid for comparison.

-	🔅 Send a Message 📃 🗖 🗙 💦					
	ſ	Message label	×			
	C	Feature Start				
		Device name				
		JNior 👻	tart" to JNic			
Message type						
		Binary 👻				
	_ Message					
		010017ffffff056d6163726f01000d466561747572652				
😬 HEX String for Macro Execution						
ſ		Macro Name or Number Feature Start				
I	HEX String					
l		01 00 17 FF FF FF 05 6D 61 63 72 6F 01 00 0D 46 65 61 74 75 72 65 20 53 74 61 72 74				
		010017FFFFF056D6163726F01000D46656174757265205374617274				
9						

Below is the completed Doremi macro.

🎨 Doremi Labs Macro Editor				
<u>R</u> eset <u>Save</u>	🔀 Quit			
	T T Remove			
Macro	Start Time Action			
3D_SCOPE_1920_START	00:00:00 Send "Feature Start" to JNior			
3D_SCOPE_2048_START				
CREDITS				
END				
FEATURE	<b>k</b>			
FLAT_START				
JNior: FIRE_PAUSE JNior: LOAD_and_PAUSE				
JNior: RESUME_SHOW				
Play				
projector test				
Reset_Playlist				
SCOPE_START				
Stop 🔺	Insert a new Action			
Test	- insert a new Action			
Automation Cue Trigger Cue				
Menu 🔄 🚎 🐨 Doremi Labs 😻 Doremi	Labs 05:01:55 PM			

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