Sending Macro Names from the Doremi to Cinema.Jar

Last Updated December 5, 2019

The Cinema.Jar 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.

Macro Name	Sender	10000.700	
Macro Name or Number		Feature Start	
HEX String			
	FF FF 05 6D 74 61 72 74	61 63 72 6F 01 00	0D 46 65 61 74 75
010017FFFF 17274	FF056D6163	3726F01000D4665	61747572652053746
IP Address	0.0	. 0 . 0	Send
User Name	inior		
Password	inior		
	Connect	Disconnect	
Not Connect	ted		

Below is the Doremi Action containing the hex string.

🎨 Send a Message 📃 🗖 🗙
Message label
Feature Start
Device name
JNior
Message type
Binary
_ Message
010017fffff056d6163726f01000d466561747572652
<u>k</u> Cancel

Below is the completed Doremi macro.

😳 Doremi Labs Macro Editor				
Reset Save	X Quit			
	▲ ► <u>R</u> emove			
Macro	Start Time Action			
3D_SCOPE_1920_START	00:00:00 Send "Feature Start" to JNior			
3D_SCOPE_2048_START				
CREDITS				
END				
FEATURE	k			
FLAT_START JNior: FIRE_PAUSE				
JNior: LOAD_and_PAUSE				
JNior: RESUME_SHOW				
Play				
projector test				
Reset_Playlist				
SCOPE_START				
Stop Test				
Automation Cue Trigger Cue				
Menu 🔔 🚐 🐨 Doremi Labs 😳 Doremi L	.abs 05:01:55 PM			

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