Using Commands for Playout Control

This article will show how to use Commands to control your Playout.

Example: CUE+PLAY multiple Channel

We want to create an Action Button, which will CUE several Output Channel and PLAY them simultaneously (almost synced).

Create a new Action Button by clicking on it and select COMMANDS, then EDIT COMMANDS:

	Action								
k	? р	Please enter Action Details							
	۰	• Only execute Commands/SCTE							
	•	Play Block	[#1] BLOCK		~				
			and execute Com	mands/SCTE (if	any)				
			and after Block (or Button Click)	<do nothing<="" th=""><th> ></th><th></th><th>~</th><th></th></do>	>		~	
1					Ed	lit Commands/S(ок	Cancel
Overlay 1	Overlay 2	Overlay 3	Overlay 4	Overlay 5	Overlay 6	Overlay 7	Overlay 8		
Action 1	Action 2	Action 3	Action 4	Action 5	Action 6	Action 7	Action 8		<>

Add this Line for the first Click (ACTION START). <cue|1|1><cue|2|1><cue|3|1><cue|4|1>

This will cue the first Clip if Channel 1-4:

Edit Co	ommand									
?	Please enter Command Details									
	Select a Command:	[1] Action Start								
	Execution Time:	Action Button is clicked								
	COMMANDS - Interna	Il within PLAYDECK Show Commands List SCTE - SDI/SR								
	1 <cue 1 1><cue< th=""><th> 2 1><cue 3 1><cue 4 1> 1</cue 4 1></cue 3 1></th></cue<></cue 1 1>	2 1> <cue 3 1><cue 4 1> 1</cue 4 1></cue 3 1>								
		Tack Clear								
		<u>Test</u> <u>Clear</u>								
	COMMANDS - Externa	al via TCP <u>Show Help</u>								
	edit Co	Edit Command Please enter Com Select a Command: Execution Time: COMMANDS - Internal 1 <cue 1 1><cue< td=""> COMMANDS - External 1</cue<></cue 1 1>								

Add this Line for the second Click (ACTION END). <pause|1><pause|2><pause|3><pause|4>

This will un-pause Channel 1-4 and send the CUE into PLAY:



Lets test our new Button: Add a Clip to Channel 1-4 then press the Action Button. Not wait, until all Channel turn GREEN, indicating the Clip has been CUE'd:

1	2	3	4	5	6	7	8		
	#1	BL	OCK						
~	1	1. Grand_Jam_220505.mp4							
~	2	. Int	ro_Liv	/esho	w.pn	g			
~	3	L-V	Vrann	er M	arket	ina 2	2050	ī mov	

Then press the Action Button again to start playback of all channel.

List of all Commands and where to add them

The List of all Commands can be quickly opened over PLAYDECK's Main Menu:

New Project* [Trial Studio Edition]						
File	Settings	Shortcuts	View	Documentation Support License		
	0	_		DOCUMENTATION		
				Default Shortcuts		
	-4-			ONLINE		
	-8-			Basic Video Tutorials		
	-12-			How-To Guides		
	-16-			Online Manual in Textform		
	-20-			Troubleshooting Guide		
	-24-			STREAMING		
	.78.			Stream Input - Import SRT, UDP, RTMP, Website, VODs		
	-20-			Stream Output - Send SRT, UDP, RTMP, HLS		
	-32-			FILTER		
	-36-			Audio Filter List - Filter for Inputs, Outputs and Clips		
	40-			NETWORK INCOMING		
Î	S ON			TCP Commands In - Receive PLAYDECK Commands		
				Commands List - All PLAYDECK Commands		
				ATEM Switcher - Start playback via ATEM Switcher		

Commands can be added to:

- Action Buttons (Start, End)
- Overlay Button (Start, End)
- Clips (Any Time)
- Blocks (Start, End)

Mostly via this Icon:



Send Commands from other Apps

We have a sparate article on how to control PLAYDECK with Companion.

But what, if it is not Companion, but a different 3rd party App? First, you would need to enable TCP Commands. This will open PLAYDECK up to receive and execute Commands from external sources:



In your 3rd party app, connect to PLAYDECK via TCP and send one or multiple Commands. In this Sample we use Hercules to send a Command, which will start Streams 1 and 2:

-CK	Settings	×
	🗱 Settings	Stream ID: 17 27 3 4 5 6 7 8 9 10 11 12 13 14 15
	🖺 Playlist	Stream is running V Refresh Page Preview
1	🖉 Application	Activate: Start Now Stop Now Stream is always active
	🦔 Subtitles / CC	
Duration C	🞽 Video	Stream Source: O Financi Channel V C
► 6 Clips	🗂 Channel	Received/Sent data
00:30	🖵 Outputs	Stream P Connected to 127.0.0.1 Module IP Fort 127.0.0.1 11375 00::
ω	👦 Inputs	<pre><startstream 1><startstream 2>received Ping X Disconnet</startstream 2></startstream 1></pre>
00:15	L Director View	Stream U
۰۱.10 ∞	ন Streaming	Preview 1
02:01	Recording	2: 05060708 4: 0D0E0F10 02:0
œ	📢 Audio	Video Fo Video Co
	苗 Channel Audio	PortStore test
	🖬 Input Audio	□ NVT disable
	Normalization	Audio Fo
	Network	Audro Co
	← Incoming	HEX Send HUDgroup
DROP HERE	→ Outgoing	Hercales SETUP atility Version 3.2.8