Host sends to device: q -> Q -> z -> device sends N -> host responds with G -> device sends n -> Host sends -> Command -> data1 -> data2

Command

Command Name:	Number:	Data 1	Data 2	Usage	Description
Upload Settings	1	-	-		Proprietary, no info available
Data Dump	3	-	-		Not for use by User, Debug command
Connect Device	4	-	-	Responds with, HardwareID → Firmware Version → Firmware Revision	Controller responds with its hardware/firmware details
Dot Correction Upload	56	-	-	Send bytes equal to channel amount, values 0 – 63	For Compatible Controllers, see hardware info for details
Live Mode	60	1 for on, 0 for off	-	Once On, send Channel Amount of Bytes in Channel Order. Won't latch Until the full packet is received.	Enable/Disable LiveMode
Pause Device	62	-	-	Each Command Toggles Pause State	
Not Implemented	65	-	-		Timed Live Mode, Not yet Implemented
Over Ride Cycle Speed	70	New Speed MSB	New Speed LSB	Either send 0 -255 in data2 with data1 as 0 to change the speed or encode send an integer using data1 and data2	Alters the Speed, Sent as Unsigned Integer
Demo Pattern Upload	75	-	-		Proprietary, no info available
Select Setting and Stall, no linker	80	Setting Number(0-11)	Starting Frame(Flash Only)		Stalls once loaded, linker ignored
Select Setting and Stall /w linker	81	Setting Number(0-7)	Starting Frame(Flash Only)		Stalls once loaded, Setting number based on Linker
Flash Stepping	82	0 for Forward, 1 for Backward	-	First run CMD: 80, to load the Flash setting and prepare it for Stepping Then use CMD: 82 DATA: 1 for Forwards, 0 for Backwards	
Cycle Control	85	Amount MSB	Amount LSB	First run CMD: 80, to load the Cycle setting and prepare it for Control Then CMD: 85, Data1: Integer MSB, Data2: Integer LSB	Stalls a cycle pattern and waits for command to allow it to cycle a variable amount of times. Variable should be a unsigned integer. Sending 200 will let each channel cycle normally 200 times. It takes 255 x (Amount Of Frames) for a full rotation of the setting's colors. NO Multi
Setting Down	90	-	-	Just send command	Decrement Setting, as if the button was pressed
Setting Up	91	-	-	Just send command	Increment Setting, as if the button was pressed
Color Swap	99	0 or 1-6	0 for function or 1+ to reset	Send 0 to increment Color Swap Mode, or send 1 – 6 to set the mode, See image below for details	Swaps the colors based on 6 methods(including unaltered) See documentation for details. Data 2 should be 0 to run the function, or to reset Color Swap send anything but 0 in Data 2
Upload Multi-Settings	100	-	-		Proprietary, no info available
Hard Reset	123	-	-		USB connection will be lost and device will need to removed from bus first to reconnect
Setting Number	220	Setting Number(0-11)	Starting Frame(Flash Only)	Send the command with correct data bytes	Instantly changes to selected setting and runs. Linker Ignored
Setting Number w/ Linker	224	Setting Number(0-7)	Starting Frame(Flash Only)	Send the command with correct data bytes	Instantly changes to selected setting based on the Linker Settings

HotKeys	Key	Description
Copy Frame	CTRL+C	Copies currently viewed frame
Paste Frame	CTRL+V	Pastes Copied frame into current selected frame
Refresh Screen	r	Refreshes Screen in case of GUI error
Pause Device	p	Pauses Device Pattern
Random Color	y	When on the Workspace with an LED channel selected, press the key to fill the LED channel with a random color. It can also be used when the Offset Menu is open
Color Swap	b	When device is connected, pressing this button will temporarily alter how the colors are displayed by swapping them. There Are 6 types, including unaltered. See documentation for details.
Change to Setting	1 → 8	Pressing number keys(not numpad) 1 – 8 will instantly change the setting to the selected number based on the linker
Adjust Slide Up	Right Arrow	Only works when the Frame is set to Slide Up/Down
Adjust Slide Down	Left Arrow	Only works when the Frame is set to Slide Up/Down
Adjust Color Select Slider	Up Arrow	Adjusts the Color Slider in the lower left corner, alters the current color
Adjust Color Select Slider	Down Arrow	Adjusts the Color Slider in the lower left corner, alters the current color

Color Swap Methods: ColorMotion v.2
www.ChromationSystems.com
1: Normal
2: Shift Forward
3: Shift Backward
4: Red Same, Swap Green and Blue
5: Green Same, Swap Red and Blue
6: Blue Same, Swap Red and Green