

Base Addr	474		MOTOVATOR SETUP V2.4 DMX CHART				20 January 2004 MGJ
Fixt DMX	PATCHED	Function	Description	Decimal	Percent	Notes	Controller Type and Range
		SERVO-Kp					Slider control 0-65535
1	474		Kp Coarse (MSB)	0-255	0-100		
2	475		Kp Fine (LSB)	0-255	0-100		
		SERVO-Ki					Slider control 0-65535
3	476		Ki Coarse (MSB)	0-255	0-100		
4	477		Ki Fine (LSB)	0-255	0-100		
		SERVO-Kd					Slider control 0-65535
5	478		Kd Coarse (MSB)	0-255	0-100		
6	479		Kd Fine (LSB)	0-255	0-100		
		SERVO-Integration Limit					Slider control 0-65535
7	480		Integration Limit Coarse (MSB)	0-255	0-100		
8	481		Integration Limit Fine (LSB)	0-255	0-100		
		SERVO-Integration Delta					Slider control 0-65535
9	482		Integration Delta Coarse (MSB)	0-255	0-100		
10	483		Integration Delta Fine (LSB)	0-255	0-100		
		MINIMUM SPEED					Slider control 0-65535
11	484		Minimum Speed Coarse (MSB)	0-255	0-100		
12	485		Minimum Speed Fine (LSB)	0-255	0-100		
		MAXIMUM SPEED					Slider control 0-65535
13	486		Maximum Speed Coarse (MSB)	0-255	0-100		
14	487		Maximum Speed Fine (LSB)	0-255	0-100		
		CALIBRATION SPEED					Slider control 0-65535
15	488		Calibration Speed Coarse (MSB)	0-255	0-100		
16	489		Calibration Speed Fine (LSB)	0-255	0-100		
		RUNNING ACCELERATION					Slider control 0-65535
17	490		Running Acceleration Coarse (MSB)	0-255	0-100		
18	491		Running Acceleration Fine (LSB)	0-255	0-100		
		CALIBRATION ACCELERATION					Slider control 0-65535
19	492		Calibration Acceleration Coarse (MSB)	0-255	0-100		
20	493		Calibration Acceleration Fine (LSB)	0-255	0-100		
		MINIMUM OPERATING POSITION					Slider control 0-16,77,215 (24 bits)
21	494		Minimum Position Very Coarse	0-255	0-100		
22	495		Minimum Position Coarse (MSB)	0-255	0-100		
23	496		Minimum Position Fine (LSB)	0-255	0-100		
		MAXIMUM OPERATING POSITION					Slider control 0-16,77,215 (24 bits)
24	497		Maximum Position Very Coarse	0-255	0-100		
25	498		Maximum Position Coarse (MSB)	0-255	0-100		
26	499		Maximum Position Fine (LSB)	0-255	0-100		
		INDEX or STALL OFFSET					Slider control 0-65535
27	500		Offset Coarse (MSB)	0-255	0-100		
28	501		Offset Fine (LSB)	0-255	0-100		
		STALL TORQUE THRESHOLD					Slider control 0-256
29	502		Stall Torque Threshold	0-255	0-100		
		STALL TIMEOUT					Slider control 0-256
30	503		Stall Timeout	0-255	0-100		
		BRAKE SET TIMEOUT					DMX = 0: Radio button "NO BRAKE" DMX = 0 Slider "BRK TIME" 1-255 - DMX = 1-255
31	504		Brakes ALWAYS released	0	0		
		ABSOLUTE ENCODER MODE					
32	505		Absolute Encoder Mode: INDEPENDENT	0-102	0-40%		Radio button "INDEPEND" - DMX = 0
			Absolute Encoder Mode: COMPARE	103-229	41-90%		Radio button "COMPARE" - DMX = 128
			Absolute Encoder Mode: AUTOTRACK	230-255	91-100%		Radio button "TRACK" - DMX = 255
		ENCODER COUNTS RATIO					
33	506		Incremental Encoder Ticks	0-255	0-100		Slider control 0-256
34	507		Absolute Encoder Ticks	0-255	0-100		Slider control 0-256
		NOTES:					
			1. This "fixture" is used to set up the configurable parameters on each Motovator or Rotovator.				
			2. ONE Setup fixture should be created for EACH UNIVERSE, and patched starting at dimmer channel 474 and using channels 474-507.				
			3. The ONE Setup fixture is used to set up the configurable parameters of ALL Motovators on a DMX universe.				