

DMX Chart

CUBE Series



DMX Charts Laserworld CUBE Series

Standard mode: 16CH

Channel		Value	Control instructions
CH1	Intensity	0	Off
		1-255	1-100% intensity
CH2	Auto effect speed selection	0-26	Default Auto speed
		27-127	Speed change from slow to fast. Static patterns require a variation effect to see the speed adjustment
	Sensitivity selection for audio control	128-255	Select audio sensitivity
CH3	Pattern group	0-127	Select a pattern group, 16 values per step
	Effects Group	128-255	Select an effect group, 16 values per step
CH4	Pattern selection	0-4	Blackout
		5-255	Select a pattern, 5 values per step
	Effect selection	0-1	Play all selected effect groups
		2-255	Choose an effect, 2 values per step
CH5	Color	0	Blackout
		1-3	Original color
		4-31	Fixed color selection, 4 values per step
		32-35	Color changing effect
		36-39	Red, green, and blue color changing effect
		40-43	Original color change effect
		44-239	Multiple flow effects, 4 values per step
		240-255	Gradual drawing effect
CH6	Color speed	0-3	Color speed off
		4-127	Color speed changes from slow to fast, clockwise
		128-255	Color speed changes from slow to fast, counter-clockwise
CH7	Pattern line	0-63	Highlight line scanning speed selection
		64-127	Line scanning speed selection
	Pattern Points	128-255	Point scanning speed selection
CH8	Pattern Size	0-255	Pattern Size from large to small
CH9	Rotate Z	1-127	Rotation Z angle selection
		128-255	Rotation Z speed selection
CH10	Rotate X	1-127	Rotation X angle selection
		128-255	Rotation X speed selection
CH11	Rotate Y	1-127	Rotation Y angle selection
		128-255	Rotation Y speed selection
CH12	Horizontal movement	1-127	Horizontal movement position selection
		128-255	Horizontal movement speed selection
CH13	Vertical movement	1-127	Vertical movement position selection
		128-255	Vertical movement speed selection
CH14	Zoom	1-127	Scaling size selection
		128-255	Zoom speed selection
CH15	Gradual drawing	1-255	Gradual drawing / Scan limit speed selection

CH16	X waves	1-127	X Wave Speed Selection
	Y waves	128-255	Y Wave Speed Selection

Professional Mode: 36CH

The professional mode allows for displaying / controlling two patterns at the same time (overlapping)
– Pattern A and Pattern B.

Channel		Value	Control instructions
CH1	Intensity	0	Off
		1-255	1-100% intensity
CH2	Auto effect speed selection	0-26	Default Auto speed
		27-127	Speed change from slow to fast. Static patterns require a variation effect to see the speed adjustment
	Sensitivity selection for audio control	128-255	Select audio sensitivity
CH3	Pattern group A	0-127	Select a pattern group, 16 values per step
	Effects Group	128-255	Select an effect group, 16 values per step
CH4	Pattern selection A	0-4	Blackout
		5-255	Select a pattern, 5 values per step
	Effect selection	0-1	Play all selected effect groups
		2-255	Choose an effect, 2 values per step
CH5	Pattern Size A	0-255	Pattern size selection from large to small
CH6	Horizontal Position A	0-255	Horizontal position, 128 is center position. Excessive content is clipped
CH7	Vertical Position A	0-255	Vertical position, 128 is center position. Excessive content is clipped
CH8	Color A	0-3	Original color
		4-31	Fixed color selection, 4 values per step
		32-35	Color changing effect
		36-39	Red, green, and blue color changing effect
		40-43	Original color change effect
		44-239	Multiple flow effects, 4 values per step
		240-255	Gradual drawing effect
CH9	Color speed A	0-3	Color speed off
		4-127	Color speed changes from slow to fast, clockwise
		128-255	Color speed changes from slow to fast, counter-clockwise
CH10	Pattern line A	0-63	Highlight line scanning speed selection
		64-127	Line scanning speed selection
	Pattern Points A	128-255	Point scanning speed selection
CH11	Strobe A	1-255	Strobe speed selection
CH12	Rotate Z A	1-127	Rotation Z angle selection
		128-255	Rotation Z speed selection
CH13	Rotate X A	1-127	Rotation X angle selection
		128-255	Rotation X speed selection
CH14	Rotate Y A	1-127	Rotation Y angle selection
		128-255	Rotation Y speed selection

CH15	Horizontal movement A	1-127	Horizontal movement position selection
		128-255	Horizontal movement speed selection
CH16	Vertical movement A	1-127	Vertical movement position selection
		128-255	Vertical movement speed selection
CH17	Zoom A	1-127	Scaling size selection
		128-255	Zoom speed selection
CH18	Gradual drawing A	1-255	Gradual drawing / Scan limit speed selection
CH19	X waves A	1-127	X Wave Speed Selection
	Y waves A	128-255	Y Wave Speed Selection
CH20	Pattern group B	0-255	Select a pattern group, 16 values per step
CH21	Pattern Selection B	0-255	Choose a pattern, 5 values per step
CH22	Pattern Size B	0-255	Pattern selection from large to small
CH23	Horizontal Position B	0-255	Horizontal position, 128 is center position. Excessive content is clipped
CH24	Vertical Position B	0-255	Vertical position, 128 is center position. Excessive content is clipped
CH25	Color B	0-3	Original color
		4-31	Fixed color selection, 4 values per step
		32-35	Color changing effect
		36-39	Red, green, and blue color changing effect
		40-43	Original color change effect
		44-239	Multiple flow effects, 4 values per step
		240-255	Gradual drawing effect
CH26	Color speed B	0-3	Color speed off
		4-127	Color speed changes from slow to fast, clockwise
		128-255	Color speed changes from slow to fast, counter-clockwise
CH27	Pattern line B	0-63	Highlight line scanning speed selection
		64-127	Line scanning speed selection
	Pattern Points B	128-255	Point scanning speed selection
CH28	Strobe B	1-255	Strobe speed selection
CH29	Rotate Z B	1-127	Rotation Z angle selection
		128-255	Rotation Z speed selection
CH30	Rotate X B	1-127	Rotation X angle selection
		128-255	Rotation X speed selection
CH31	Rotate Y B	1-127	Rotation Y angle selection
		128-255	Rotation Y speed selection
CH32	Horizontal movement B	1-127	Horizontal movement position selection
		128-255	Horizontal movement speed selection
CH33	Vertical movement B	1-127	Vertical movement position selection
		128-255	Vertical movement speed selection
CH34	Zoom B	1-127	Scaling size selection
		128-255	Zoom speed selection
CH35	Gradual drawing B	1-255	Gradual drawing / Scan limit speed selection
CH36	X waves B	1-127	X Wave Speed Selection
	Y waves B	128-255	Y Wave Speed Selection