

VELOCE PROFILE - V1

DMX channel's functions and their values (67DMX channels):

Mode/Channel	Value	Function	Default Value
Ex			
1		PAN Movement 8bit :	
	0-255	Pan Movement	128
2		Pan Fine 16bit	
	0-255	Fine control of Pan movement	0
3		TILT Movement 8bit :	
	0-255	Tilt Movement	128
4		Tilt Fine 16bit	
	0-255	Fine control of Tilt movement	0
5		Speed Pan/Tilt movement:	
	0-225	max to min speed	0
	226-235	blackout by movement	
	236-245	blackout by all wheel changing	
	246-255	no function	
6		Pan Motor continuous rotation	
	0-63	stop rotation by spinout	0
	64-127	stop rotation by shortcut	
	128-189	Forwards Pan rotation from fast to slow	
	190-193	No rotation	
	194-255	Backwards Pan rotation from slow to fast	
7		Tilt Motor continuous rotation	
	0-63	stop rotation by spinout	0
	64-127	stop rotation by shortcut	
	128-189	Forwards Tilt rotation from fast to slow	
	190-193	No rotation	
	194-255	Backwards Tilt rotation from slow to fast	
8		Shutter, strobe:	
	0-10	Shutter closed	
	11-20	No function (shutter open)	15
	21-117	Strobe effect slow to fast	
	118-126	No function (shutter open)	
	127-180	Pulse-effect in sequences	
	181-191	No function (shutter open)	
	192-245	Random strobe effect slow to fast	
	246-255	No function (shutter open)	
9		Dimmer intensity:	
	0-255	Intensity 0 to 100%	0
10		Fine Dimmer intensity:	
	0-255	Dimmer intensity fine	0
11		Zoom :	
	0-255	Zoom adjustment from small to big	128
12		Zoom Fine:	
	0-255	Zoom adjustment Fine	0
13		Focus :	
	0-255	Continuous adjustment from near to far	128
14		Focus Fine:	
	0-255	Continuous adjustment Fine	0
15		Auto Focus :	
	0-50	Auto Focus Off	0
	51-100	5m	
	101-150	7.5m	
	151-200	10m	
	201-255	15m	
16		AutoFocus Fine:	
	0-255	Continuous adjustment Fine	0

17		Color Wheel:	
	0-3	Open / white	0
	4-7	Color 1	
	8-11	Color 2	
	12-15	Color 3	
	16-19	Color 4	
	20-23	Color 5	
	24-27	Color 6	
	28-31	Color 7	
	32-127	Color indexing	
	128-189	Forwards rainbow effect from fast to slow	
	190-193	No rotation	
	194-255	Backwards rainbow effect from slow to fast	
18		Color Wheel Fine:	
	0-255	Color Wheel colour change to any position Fine	0
19		Cyan Color :	
	0-255	Cyan (0-white, 255-100% Cyan)	0
20		Cyan Color Fine :	
	0-255	Cyan Fine	0
21		Magenta Color :	
	0-255	Magenta (0-white, 255-100% magenta)	0
22		Magenta Color Fine :	
	0-255	Magenta Fine	0
23		Yellow Color :	
	0-255	Yellow (0-white, 255-100% Yellow)	0
24		Yellow Color Fine :	
	0-255	Yellow Fine	0
25		CTO Color :	
	0-255	CTO (0-white, 255-100% CTO)	0
26		CTO Color Fine :	
	0-255	CTO Fine	0
27		CTP Color :	
	0-255	CTP (0-white, 255-100% CTP)	0
28		CTP Color Fine :	
	0-255	CTP Fine	0
29		Reserved	
30		Reserved	
31		Reserved	
32		Rotating gobos, cont. rotation 1:	
	0-9	Open	0
	10-19	Rot. gobo 1	
	20-29	Rot. gobo 2	
	30-39	Rot. gobo 3	
	40-49	Rot. gobo 4	
	50-59	Rot. gobo 5	
	60-69	Rot. gobo 6	
	70-77	Rot. Gobo 7	
	78-93	Gobo 1 shake slow to fast	
	94-109	Gobo 2 shake slow to fast	
	110-125	Gobo 3 shake slow to fast	
	126-141	Gobo 4 shake slow to fast	
	142-157	Gobo 5 shake slow to fast	
	158-173	Gobo 6 shake slow to fast	
	174-189	Gobo 7 shake slow to fast	
	190-221	Gobo wheel rotation forwards from fast to slow	
	222-223	No rotation	
	224-255	Gobo wheel rotation f backwards from slow to fast	
33		Rotating gobo index, rotating gobo rotation 1:	
	0-127	Gobo indexing	0
	128-189	Forwards gobo rotation from fast to slow	
	190-193	No rotation	
	194-255	Backwards gobo rotation from slow to fast	
34		Rotating gobo indexing Fine 1:	
	0-255	Fine indexing	0

35		Rotating gobos, cont. rotation 2:	
	0-9	Open	0
	10-19	Rot. gobo 1	
	20-29	Rot. gobo 2	
	30-39	Rot. gobo 3	
	40-49	Rot. gobo 4	
	50-59	Rot. gobo 5	
	60-69	Rot. gobo 6	
	70-77	Rot. Gobo 7	
	78-93	Gobo 1 shake slow to fast	
	94-109	Gobo 2 shake slow to fast	
	110-125	Gobo 3 shake slow to fast	
	126-141	Gobo 4 shake slow to fast	
	142-157	Gobo 5 shake slow to fast	
	158-173	Gobo 6 shake slow to fast	
	174-189	Gobo 7 shake slow to fast	
	190-221	Gobo wheel rotation forwards from fast to slow	
	222-223	No rotation	
	224-255	Gobo wheel rotation f backwards from slow to fast	
36		Rotating gobo index.rotating gobo rotation 2:	
	0-127	Gobo indexing	0
	128-189	Forwards gobo rotation from fast to slow	
	190-193	No rotation	
	194-255	Backwards gobo rotation from slow to fast	
37		Rotating gobo indexing Fine 2:	
	0-255	Fine indexing	0
38		Animation wheel:	
	0-7	No rotation	0
	8-127	Forwards rotation from fast to slow	
	128-135	No rotation	
	136-255	Backwards rotation from slow to fast	
39		Iris:	
	0-191	Max. diameter to Min.diameter	0
	192-223	Pulse closing fast to slow	
	224-255	Pulse opening slow to fast	
40		Iris Fine:	
	0-255	Iris Fine	0
41		Prism 1:	
	0-127	Open	0
	128-255	Prism 1	
42		Rotating prism index, rotating prism rotation 1	
	0-127	Prism indexing	0
	128-189	Forwards prism rotation from fast to slow	
	190-193	No rotation	
	194-255	Backwards prism rotation from slow to fast	
43		Rotating prism indexing Fine 1:	
	0-255	Fine indexing	0
44		Prism 2:	
	0-127	Open	
	128-255	Prism 2	
45		Rotating prism index, rotating prism rotation 2	
	0-127	Prism indexing	0
	128-189	Forwards prism rotation from fast to slow	
	190-193	No rotation	
	194-255	Backwards prism rotation from slow to fast	
46		Rotating prism indexing Fine 2:	
	0-255	Fine indexing	0
47		Frost 1:	
	0-255	0-100%	0
48		Frost 2:	
	0-255	0-100%	0

49		<u>Blade 1A :</u>	
	0-255	Open to Close	0
50		<u>Blade 1A Fine :</u>	
	0-255	Open to Close Fine	0
51		<u>Blade 1B :</u>	
	0-255	Open to Close	0
52		<u>Blade 1B Fine :</u>	
	0-255	Open to Close Fine	0
53		<u>Blade 2A :</u>	
	0-255	Open to Close	0
54		<u>Blade 2A Fine :</u>	
	0-255	Open to Close Fine	0
55		<u>Blade 2B :</u>	
	0-255	Open to Close	0
56		<u>Blade 2B Fine :</u>	
	0-255	Open to Close Fine	0
57		<u>Blade 3A :</u>	
	0-255	Open to Close	0
58		<u>Blade 3A Fine :</u>	
	0-255	Open to Close Fine	0
59		<u>Blade 3B :</u>	
	0-255	Open to Close	0
60		<u>Blade 3B Fine :</u>	
	0-255	Open to Close Fine	0
61		<u>Blade 4A :</u>	
	0-255	Open to Close	0
62		<u>Blade 4A Fine :</u>	
	0-255	Open to Close Fine	0
63		<u>Blade 4B :</u>	
	0-255	Open to Close	0
64		<u>Blade 4B Fine :</u>	
	0-255	Open to Close Fine	0
65		<u>All Blade Rotation :</u>	
	0-255	All Blade Rotation	128
66		<u>All Blade Rotation Fine :</u>	
	0-255	All Blade Rotation Fine	0

		Control, reset, internal programs:	
0-4	unused		0
5-9	Display Off		
10-14	Display On		
15-19	Display Invert Off		
20-24	Display Invert On		
25-26	Auto fan control mode		
27-28	Stage fan control mode		
29-30	Silence fan control mode		
31-32	Super Silence fan control mode		
33-34	Constant Fans Off		
35-36	Constant Fans On		
37-44	unused		
45-49	Square Law		
50-54	Linear		
55-58	1.2K		
59-62	2.4K		
63-66	16K		
67-69	25K		
70-72	Gobo correction Off		
73-75	Gobo correction CTB		
76-79	Gobo correction Cyan		
80-84	All motor reset		
85-87	Scan motor reset		
88-90	Colors motor reset		
91-93	Gobo motor reset		
94	unused		
95	Reset P/T Fade Off		
96	Reset P/T Fade On		
97-99	Other motor reset		
100-102	Frost Progressive Off		
103-105	Frost Progressive On		
106-108	CMY speed Fast		
109-111	CMY speed Medium		
112-114	CMY speed Slow		
115-117	unused		
118-120	unused		
121-123	Sun Protection Off		
124-126	Sun Protection On		
127-129	Pan Reverse Off		
130-132	Pan Reverse On		
133-135	Tilt Reverse Off		
136-138	Tilt Reverse On		
139-141	Pan Degree 540°		
142-144	Pan Degree 630°		
145-147	Tilt Degree 540°		
148-150	Tilt Degree 270°		
151-153	Feedback Off		
154-156	Feedback On		
157-159	Init PAN Off		
160-162	Init PAN On		
163-165	Init TILT Off		
166-168	Init TILT On		
169-171	Prerig INIT Off		
172-174	Prerig INIT On		
175-177	Reset Mode (Fast)		
178-180	Reset Mode (All Rot Gobos)		
181-183	Pan/Tilt Spd Fast		
184-186	Pan/Tilt Spd Medium		
187-189	Pan/Tilt Spd Slow		
190-192	Pan/Tilt Spd FS Mode		
193-195	Zoom/Focus Spd Fast		
196-198	Zoom/Focus Spd Medium		
199-201	Zoom/Focus Spd Slow		
202-204	Reset LED Fade Off		
205-207	Reset LED Fade On		
208-210	Defog Off		
211-213	Defog Auto		
214-216	Defog On		
217-219	Framing Constant Off		
220-222	Framing Constant On		
223-255	unused		