

Aquabeam

CHANNEL FUNCTION

CHANNEL

CHANNEL		FUNCTION
20CH	24CH	
1	1	Cyan
2	2	Magenta
3	3	Yellow
4	4	CTO
5	5	Colour
–	6	–
6	7	Shutter
7	8	Dimmer
8	9	Dimmer fine
9	10	Static gobo
–	11	–
–	12	–
–	13	–
10	14	Prism
11	15	Prism rotation
12	16	Frost
13	17	Focus
14	18	Pan
15	19	Pan fine
16	20	Tilt
17	21	Tilt fine
18	22	Function
19	23	Reset
20	24	Lamp

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20CH	24CH	DMX Value	Percent	Function
1	1	0-255 0-127 128-191 192-255	0-100 0-49 50-74 75-100	<u>Cyan</u> Cyan(0-white,255-full cyan) When the 18 channel /22 channel value in 63-75 Cyan(0-white,127-full cyan) Pink Yellow
2	2	0-255 0-127 128-191 192-255	0-100 0-49 50-74 75-100	<u>Magenta</u> Magenta(0-white,255-full magenta) When the 18 channel /22 channel value in 63-75 Magenta(0-white,127-full magenta) UV Blue
3	3	0-255 0-127 128-191 192-255	0-100 0-49 50-74 75-100	<u>Yellow</u> Yellow(0-white,255-full yellow) When the 18 channel /22 channel value in 63-75 Yellow(0-white,127-full yellow) Dark green Jacinth
4	4	0-255 0-127 128-191 192-255	0-100 0-49 50-74 75-100	<u>CTO filter</u> 0-7800K, 255-3200K When the 18 channel /22 channel value in 63-75 0-7800K, 255-3200K CTB8000K Dark red
5	5	0-31 32-59 60-87 88-115 116-143 144-171 172-199 200-227 228-255	0-12 13-23 24-34 35-45 46-56 57-67 68-78 79-89 90-100	<u>COLOUR</u> white Yellow Pink Blue UV Jacinth Dark green Dark red CTB8000K
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20CH 24CH DMX Value Percent Function

20CH	24CH	DMX Value	Percent	Function
6	7	0-3	0-1	<u>Stopper/Strobe</u> Light off
		4-103	2-40	Strobe,slow → fast
		104-107	41-42	Light on
		108-207	43-81	Pulsation Strobe,slow → fast
		208-212	82-79	Light on
		213-225	80-88	Random Strobe at low frequency
		226-238	89-93	Random Strobe at medium frequency
		239-251	94-98	Random Strobe at high frequency
		252-255	99-100	Light on
		7	8	0-255
<u>Dimmer fine</u> Fine dimmer positioning				
9	10	0-5	0-2	<u>Static gobo change</u> White
		6-11	3-4	Gobo1
		12-17	5-6	Gobo2
		18-23	7-9	Gobo3
		24-29	10-11	Gobo4
		30-35	12-13	Gobo5
		36-41	14-16	Gobo6
		42-47	17-18	Gobo7
		48-53	19-20	Gobo8
		54-59	21-23	Gobo9
		60-65	24-25	Gobo10
		66-71	26-28	Gobo11
		72-77	29-30	Gobo12
		78-118	31-46	Fast-slow rotation
		119-137	47-54	Stop
		138-178	55-69	Slow-fast rotation
		179-185	70-72	Gobo2 shake slow-fast speed
		186-192	73-75	Gobo3 shake slow-fast speed
		193-199	76-78	Gobo4 shake slow-fast speed
		200-206	79-80	Gobo5 shake slow-fast speed
		207-213	81-83	Gobo6 shake slow-fast speed
		214-220	84-86	Gobo7 shake slow-fast speed
		221-227	87-89	Gobo8 shake slow-fast speed
		228-234	90-92	Gobo9 shake slow-fast speed
		235-241	93-94	Gobo10 shake slow-fast speed
		242-248	95-97	Gobo11 shake slow-fast speed
		249-255	98-100	Gobo12 shake slow-fast speed

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20CH	24CH	DMX Value	Percent	Function
—	11			—
—	12			—
—	13			—
10	14	0-5 6-128 129-255	0-2 3-50 51-100	<u>Prism insertion</u> No prism 3-prism 8-prism
11	15	0-21 21-42 42-63 63-84 84-105 105-127 128-190 191-192 193-255	0-8 8-16 16-24 24-32 32-41 41-50 50-74 74-75 76-100	<u>Prism rotation</u> Prism indexing: 0° to 90° range Prism indexing: 90° to 180° range Prism indexing: 180° to 270° range Prism indexing: 270° to 360° range Prism indexing: 360° to 450° range Prism indexing: 450° to 540° range Prism rotation, fast→ slow Stop rotation Prism rotation, slow→fast
12	16	0-255	0-100	<u>Frost</u> No frost→full frost
13	17	0-255	0-100	<u>Focus</u> Infinity→near
14	18	0-255	0-100	<u>Pan</u> Pan movement/positioning from 0°to 540°
15	19	0-255	0-100	<u>Fine pan</u> Fine Pan positioning
16	20	0-255	0-100	<u>Tilt</u> Tilt movement/positioning from 0°to 250 °
17	21	0-255	0-100	<u>Fine tilt</u> Fine Tilt positioning

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20CH	24CH	DMX Value	Percent	Function
18	22	0-11	0-4	<u>Function</u> Unused range
		12-24	5-9	Fast pan / tilt speed (default)
		25-37	10-14	Normal pan / tilt speed
		38-50	15-19	Conventional dimmer curve
		51-62	20-24	Linear dimmer curve (default)
		63-75	25-29	CMY full range (default)
		76-87	30-34	CMY limited range
		88-101	35-39	CMY shortcut on (default)
		102-114	40-44	CMY shortcut off
		115-255	45-100	Unused range
19	23	0-25	0-9	<u>Reset</u> Unused range
		26-76	10-29	Focus Reset
		77-127	30-50	Pan / Tilt Reset
		128-255	51-100	Complete Reset
20	24	0-25	0-9	<u>Lamp control</u> Unused range
		26-100	10-39	Lamp off
		101-255	40-100	Lamp on