

Aquaray 400 B

4 Modes 16 - 17 - 18 -20

16 Ch

Channel	Function	Value	Description
1	Colour Wheel	0 --> 4	Open
		5 --> 8	Open + 1
		9 --> 12	Color 1
		13 --> 17	1 + 2
		18 --> 21	Color 2
		22 --> 25	2 + 3
		26 --> 29	Color 3
		30 --> 34	3 + 4
		35 --> 38	Color 4
		39 --> 42	4 + 5
		43 --> 46	Color 5
		47 --> 51	5 + 6
		52 --> 55	Color 6
		56 --> 59	6 + 7
		60 --> 63	Color 7
		64 --> 68	7 + 8
		69 --> 72	Color 8
		73 --> 76	8 + 9
		77 --> 81	Color 9
		82 --> 85	9 + 10
		86 --> 89	Color 10
		90 --> 93	10 + 11
		94 --> 98	Color 11
		99 --> 102	11 + 12
		103 --> 106	Color 12
		107 --> 110	12 + 13
		111 --> 115	Color 13
		116 --> 119	13 + 14
120 --> 123	Color 14		
124 --> 127	14 + Open		
128 --> 187	Fast to Slow CW Scroll		
188 --> 195	No Scroll		
196 --> 255	Slow to Fast CCW Scroll		

2	Strobe	0 --> 1	Closed
		2 --> 7	Open
		8 --> 63	Slow to Fast Strobe
		64 --> 71	Open
		72 --> 127	Slow to Fast Pulsation
		128 --> 135	Open
		136 --> 160	Slow to Fast Fade Strobe
		161 --> 166	Open
		167 --> 191	Slow to Fast Lightening Strobe
		192 --> 199	Open
		200 --> 209	Strobe Mode 1
		210 --> 219	Strobe Mode 2
		220 --> 249	Slow to Fast Random Strobe
		250 --> 255	Open
		3	Dimmer
4	Gobo Wheel	0	Open
		5	Gobo 1
		10	Gobo 2
		15	Gobo 3
		18	Gobo 4
		20	Gobo 5
		25	Gobo 6
		30	Gobo 7
		35	Gobo 8
		38	Gobo 9
		40	Gobo 10
		45	Gobo 11
		50	Gobo 12
		55	Gobo 13
		58	Gobo 14
		60	Gobo 15
		65	Gobo 16
		68 --> 112	Fast to Slow CW Scroll
		113 --> 114	Stop
		115 --> 159	Slow to Fast CCW Rotation
		160 --> 166	Slow to Fast Gobo 2 Shake
		167 --> 172	Slow to Fast Gobo 3 Shake
		173 --> 179	Slow to Fast Gobo 4 Shake
		180 --> 185	Slow to Fast Gobo 5 Shake
		186 --> 191	Slow to Fast Gobo 6 Shake
		192 --> 198	Slow to Fast Gobo 7 Shake
		199 --> 204	Slow to Fast Gobo 8 Shake
		205 --> 211	Slow to Fast Gobo 9 Shake
		212 --> 217	Slow to Fast Gobo 10 Shake
		218 --> 223	Slow to Fast Gobo 11 Shake
224 --> 230	Slow to Fast Gobo 12 Shake		
231 --> 236	Slow to Fast Gobo 13 Shake		
237 --> 243	Slow to Fast Gobo 14 Shake		
244 --> 249	Slow to Fast Gobo 15 Shake		
250 --> 255	Slow to Fast Gobo 16 Shake		

5	Prism 1	0 --> 127	Safe
		128 --> 255	Prism Inserted
6	Prism 1 Rotation	0 --> 127	Index
		128 --> 187	Fast to Slow CW Rotation
		189 --> 197	Stop
		198 --> 255	Slow to Fast CCW Rotation
7	Prism 1 Zoom	0 --> 127	Prism Zoom out
		128 --> 255	Prism Zoom in
8	Frost	0 --> 255	0% to 100% Frost
9	Focus	0 --> 255	0% to 100% Focus
10	Pan	0 --> 255	540° Pan
11	Pan Fine	0 --> 255	Pan Fine
12	Tilt	0 --> 255	270° Tilt
13	Tilt Fine	0 --> 255	Tilt Fine
14	Macro	0 --> 149	Empty
		150 --> 159	Built-in Program 1
		160 --> 169	Built-in Program 2
		170 --> 179	Testing Program
		180 --> 255	Empty
15	Reset	0 --> 69	Empty
		70 --> 79	Effect Reset
		80 --> 89	Pan/Tilt Reset
		90 --> 99	Complete Reset
		100 --> 255	Empty
16	Lamp Control	0 --> 49	Empty
		50 --> 59	Lamp On
		60 --> 69	Lamp Off
		70 --> 255	Empty

17 Ch

Channel	Function	Value	Description
1	Colour Wheel	0 --> 4	Open
		5 --> 8	Open + 1
		9 --> 12	Color 1
		13 --> 17	1 + 2
		18 --> 21	Color 2
		22 --> 25	2 + 3
		26 --> 29	Color 3
		30 --> 34	3 + 4
		35 --> 38	Color 4
		39 --> 42	4 + 5
		43 --> 46	Color 5
		47 --> 51	5 + 6
		52 --> 55	Color 6
		56 --> 59	6 + 7
		60 --> 63	Color 7
		64 --> 68	7 + 8
		69 --> 72	Color 8
73 --> 76	8 + 9		

		77 --> 81	Color 9
		82 --> 85	9 + 10
		86 --> 89	Color 10
		90 --> 93	10 + 11
		94 --> 98	Color 11
		99 --> 102	11 + 12
		103 --> 106	Color 12
		107 --> 110	12 + 13
		111 --> 115	Color 13
		116 --> 119	13 + 14
		120 --> 123	Color 14
		124 --> 127	14 + Open
		128 --> 187	Fast to Slow CW Scroll
		188 --> 195	No Scroll
		196 --> 255	Slow to Fast CCW Scroll
2	Strobe	0 --> 1	Closed
		2 --> 7	Open
		8 --> 63	Slow to Fast Strobe
		64 --> 71	Open
		72 --> 127	Slow to Fast Pulsation
		128 --> 135	Open
		136 --> 160	Slow to Fast Fade Strobe
		161 --> 166	Open
		167 --> 191	Slow to Fast Lightening Strobe
		192 --> 199	Open
		200 --> 209	Strobe Mode 1
		210 --> 219	Strobe Mode 2
		220 --> 249	Slow to Fast Random Strobe
		250 --> 255	Open
3	Dimmer	0 --> 255	0% to 100% Dimmer
4	Gobo Wheel	0	Open
		5	Gobo 1
		10	Gobo 2
		15	Gobo 3
		18	Gobo 4
		20	Gobo 5
		25	Gobo 6
		30	Gobo 7
		35	Gobo 8
		38	Gobo 9
		40	Gobo 10
		45	Gobo 11
		50	Gobo 12
		55	Gobo 13
		58	Gobo 14
		60	Gobo 15
		65	Gobo 16
		68 --> 112	Fast to Slow CW Scroll
		113 --> 114	Stop
		115 --> 159	Slow to Fast CCW Rotation
		160 --> 166	Slow to Fast Gobo 2 Shake

		167 --> 172	Slow to Fast Gobo 3 Shake
		173 --> 179	Slow to Fast Gobo 4 Shake
		180 --> 185	Slow to Fast Gobo 5 Shake
		186 --> 191	Slow to Fast Gobo 6 Shake
		192 --> 198	Slow to Fast Gobo 7 Shake
		199 --> 204	Slow to Fast Gobo 8 Shake
		205 --> 211	Slow to Fast Gobo 9 Shake
		212 --> 217	Slow to Fast Gobo 10 Shake
		218 --> 223	Slow to Fast Gobo 11 Shake
		224 --> 230	Slow to Fast Gobo 12 Shake
		231 --> 236	Slow to Fast Gobo 13 Shake
		237 --> 243	Slow to Fast Gobo 14 Shake
		244 --> 249	Slow to Fast Gobo 15 Shake
		250 --> 255	Slow to Fast Gobo 16 Shake
5	Prism 1	0 --> 127	Safe
		128 --> 255	Prism Inserted
6	Prism 1 Rotation	0 --> 127	Index
		128 --> 187	Fast to Slow CW Rotation
		189 --> 197	Stop
		198 --> 255	Slow to Fast CCW Rotation
7	Prism 1 Zoom	0 --> 127	Prism Zoom out
		128 --> 255	Prism Zoom in
8	Frost	0 --> 255	0% to 100% Frost
9	Focus	0 --> 255	0% to 100% Focus
10	Pan	0 --> 255	540° Pan
11	Pan Fine	0 --> 255	Pan Fine
12	Tilt	0 --> 255	270° Tilt
13	Tilt Fine	0 --> 255	Tilt Fine
14	Macro	0 --> 149	Empty
		150 --> 159	Built-in Program 1
		160 --> 169	Built-in Program 2
		170 --> 179	Testing Program
		180 --> 255	Empy
15	Reset	0 --> 69	Empty
		70 --> 79	Effect Reset
		80 --> 89	Pan/Tilt Reset
		90 --> 99	Complete Reset
		100 --> 255	Empty
16	Lamp Control	0 --> 49	Empty
		50 --> 59	Lamp On
		60 --> 69	Lamp Off
		70 --> 255	Empty
17	P/T Speed	0 --> 255	Pan and Tilt Speed

Channel	Function	Value	Description
1	Colour Wheel	0 --> 4	Open
		5 --> 8	Open + 1
		9 --> 12	Color 1
		13 --> 17	1 + 2
		18 --> 21	Color 2
		22 --> 25	2 + 3
		26 --> 29	Color 3
		30 --> 34	3 + 4
		35 --> 38	Color 4
		39 --> 42	4 + 5
		43 --> 46	Color 5
		47 --> 51	5 + 6
		52 --> 55	Color 6
		56 --> 59	6 + 7
		60 --> 63	Color 7
		64 --> 68	7 + 8
		69 --> 72	Color 8
		73 --> 76	8 + 9
		77 --> 81	Color 9
		82 --> 85	9 + 10
		86 --> 89	Color 10
		90 --> 93	10 + 11
		94 --> 98	Color 11
		99 --> 102	11 + 12
		103 --> 106	Color 12
		107 --> 110	12 + 13
		111 --> 115	Color 13
		116 --> 119	13 + 14
120 --> 123	Color 14		
124 --> 127	14 + Open		
128 --> 187	Fast to Slow CW Scroll		
188 --> 195	No Scroll		
196 --> 255	Slow to Fast CCW Scroll		
2	Strobe	0 --> 1	Closed
		2 --> 7	Open
		8 --> 63	Slow to Fast Strobe
		64 --> 71	Open
		72 --> 127	Slow to Fast Pulsation
		128 --> 135	Open
		136 --> 160	Slow to Fast Fade Strobe
		161 --> 166	Open
		167 --> 191	Slow to Fast Lightening Strobe
		192 --> 199	Open
		200 --> 209	Strobe Mode 1
		210 --> 219	Strobe Mode 2
		220 --> 249	Slow to Fast Random Strobe
		250 --> 255	Open

3	Dimmer	0 --> 255	0% to 100% Dimmer
4	Gobo Wheel	0	Open
		5	Gobo 1
		10	Gobo 2
		15	Gobo 3
		18	Gobo 4
		20	Gobo 5
		25	Gobo 6
		30	Gobo 7
		35	Gobo 8
		38	Gobo 9
		40	Gobo 10
		45	Gobo 11
		50	Gobo 12
		55	Gobo 13
		58	Gobo 14
		60	Gobo 15
		65	Gobo 16
		68 --> 112	Fast to Slow CW Scroll
		113 --> 114	Stop
		115 --> 159	Slow to Fast CCW Rotation
		160 --> 166	Slow to Fast Gobo 2 Shake
		167 --> 172	Slow to Fast Gobo 3 Shake
		173 --> 179	Slow to Fast Gobo 4 Shake
		180 --> 185	Slow to Fast Gobo 5 Shake
		186 --> 191	Slow to Fast Gobo 6 Shake
		192 --> 198	Slow to Fast Gobo 7 Shake
		199 --> 204	Slow to Fast Gobo 8 Shake
		205 --> 211	Slow to Fast Gobo 9 Shake
212 --> 217	Slow to Fast Gobo 10 Shake		
218 --> 223	Slow to Fast Gobo 11 Shake		
224 --> 230	Slow to Fast Gobo 12 Shake		
231 --> 236	Slow to Fast Gobo 13 Shake		
237 --> 243	Slow to Fast Gobo 14 Shake		
244 --> 249	Slow to Fast Gobo 15 Shake		
250 --> 255	Slow to Fast Gobo 16 Shake		
5	Prism 1	0 --> 127	Safe
		128 --> 255	Prism Inserted
6	Prism 1 Rotation	0 --> 127	Index
		128 --> 187	Fast to Slow CW Rotation
		189 --> 197	Stop
		198 --> 255	Slow to Fast CCW Rotation
7	Prism 1 Zoom	0 --> 127	Prism Zoom out
		128 --> 255	Prism Zoom in
8	Frost	0 --> 255	0% to 100% Frost
9	Focus	0 --> 255	0% to 100% Focus
10	Pan	0 --> 255	540° Pan
11	Pan Fine	0 --> 255	Pan Fine
12	Tilt	0 --> 255	270° Tilt
13	Tilt Fine	0 --> 255	Tilt Fine

14	Macro	0 --> 149	Empty
		150 --> 159	Built-in Program 1
		160 --> 169	Built-in Program 2
		170 --> 179	Testing Program
		180 --> 255	Empty
15	Reset	0 --> 69	Empty
		70 --> 79	Effect Reset
		80 --> 89	Pan/Tilt Reset
		90 --> 99	Complete Reset
		100 --> 255	Empty
16	Lamp Control	0 --> 49	Empty
		50 --> 59	Lamp On
		60 --> 69	Lamp Off
		70 --> 255	Empty
17	P/T Speed	0 --> 255	Pan and Tilt Speed
18	Color Mode	0 --> 63	Half Color Function On
		64 --> 127	Half Color Function Off
		128 --> 191	Color Linear Mode
		192 --> 255	Change In Dark Mode

20 Ch

Channel	Function	Value	Description
1	Colour Wheel	0 --> 4	Open
		5 --> 8	Open + 1
		9 --> 12	Color 1
		13 --> 17	1 + 2
		18 --> 21	Color 2
		22 --> 25	2 + 3
		26 --> 29	Color 3
		30 --> 34	3 + 4
		35 --> 38	Color 4
		39 --> 42	4 + 5
		43 --> 46	Color 5
		47 --> 51	5 + 6
		52 --> 55	Color 6
		56 --> 59	6 + 7
		60 --> 63	Color 7
		64 --> 68	7 + 8
		69 --> 72	Color 8
		73 --> 76	8 + 9
		77 --> 81	Color 9
		82 --> 85	9 + 10
		86 --> 89	Color 10
		90 --> 93	10 + 11
		94 --> 98	Color 11
		99 --> 102	11 + 12
103 --> 106	Color 12		
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		111 --> 115	Color 13
		116 --> 119	13 + 14
		120 --> 123	Color 14
		124 --> 127	14 + Open
		128 --> 187	Fast to Slow CW Scroll
		188 --> 195	No Scroll
		196 --> 255	Slow to Fast CCW Scroll
2	Strobe	0 --> 1	Closed
		2 --> 7	Open
		8 --> 63	Slow to Fast Strobe
		64 --> 71	Open
		72 --> 127	Slow to Fast Pulsation
		128 --> 135	Open
		136 --> 160	Slow to Fast Fade Strobe
		161 --> 166	Open
		167 --> 191	Slow to Fast Lightening Strobe
		192 --> 199	Open
		200 --> 209	Strobe Mode 1
		210 --> 219	Strobe Mode 2
		220 --> 249	Slow to Fast Random Strobe
		250 --> 255	Open
3	Dimmer	0 --> 255	0% to 100% Dimmer
4	Gobo Wheel	0	Open
		5	Gobo 1
		10	Gobo 2
		15	Gobo 3
		18	Gobo 4
		20	Gobo 5
		25	Gobo 6
		30	Gobo 7
		35	Gobo 8
		38	Gobo 9
		40	Gobo 10
		45	Gobo 11
		50	Gobo 12
		55	Gobo 13
		58	Gobo 14
		60	Gobo 15
		65	Gobo 16
		68 --> 112	Fast to Slow CW Scroll
		113 --> 114	Stop
		115 --> 159	Slow to Fast CCW Rotation
		160 --> 166	Slow to Fast Gobo 2 Shake
		167 --> 172	Slow to Fast Gobo 3 Shake
		173 --> 179	Slow to Fast Gobo 4 Shake
		180 --> 185	Slow to Fast Gobo 5 Shake
		186 --> 191	Slow to Fast Gobo 6 Shake
		192 --> 198	Slow to Fast Gobo 7 Shake
199 --> 204	Slow to Fast Gobo 8 Shake		
205 --> 211	Slow to Fast Gobo 9 Shake		

		212 --> 217	Slow to Fast Gobo 10 Shake
		218 --> 223	Slow to Fast Gobo 11 Shake
		224 --> 230	Slow to Fast Gobo 12 Shake
		231 --> 236	Slow to Fast Gobo 13 Shake
		237 --> 243	Slow to Fast Gobo 14 Shake
		244 --> 249	Slow to Fast Gobo 15 Shake
		250 --> 255	Slow to Fast Gobo 16 Shake
5	Prism 1	0 --> 127	Safe
		128 --> 255	Prism Inserted
6	Prism 1 Rotation	0 --> 127	Index
		128 --> 187	Fast to Slow CW Rotation
		189 --> 197	Stop
		198 --> 255	Slow to Fast CCW Rotation
7	Prism 1 Zoom	0 --> 127	Prism Zoom out
		128 --> 255	Prism Zoom in
8	Prism 2	0 --> 127	Safe
		128 --> 255	Prism Inserted
9	Prism 2 Rotation	0 --> 127	Index
		128 --> 187	Fast to Slow CW Rotation
		189 --> 197	Stop
		198 --> 255	Slow to Fast CCW Rotation
10	Frost	0 --> 255	0% to 100% Frost
11	Focus	0 --> 255	0% to 100% Focus
12	Pan	0 --> 255	540° Pan
13	Pan Fine	0 --> 255	Pan Fine
14	Tilt	0 --> 255	270° Tilt
15	Tilt Fine	0 --> 255	Tilt Fine
16	Macro	0 --> 149	Empty
		150 --> 159	Built-in Program 1
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		170 --> 179	Testing Program
		180 --> 255	Empty
17	Reset	0 --> 69	Empty
		70 --> 79	Effect Reset
		80 --> 89	Pan/Tilt Reset
		90 --> 99	Complete Reset
		100 --> 255	Empty
18	Lamp Control	0 --> 49	Empty
		50 --> 59	Lamp On
		60 --> 69	Lamp Off
		70 --> 255	Empty
19	P/T Speed	0 --> 255	Pan and Tilt Speed
20	Color Mode	0 --> 63	Half Color Function On
		64 --> 127	Half Color Function Off
		128 --> 191	Color Linear Mode
		192 --> 255	Change In Dark Mode

Static Gobo Wheel

