

impression S350 Standard Mode (CH35)

date 26.03.2018 (RELEASE)
SW

Channel	Function	Values	Snap/Fade	Default	Remarks	
1	Pan coarse	0	65535	fade	32768	0..100%
2	Pan fine					
3	Tilt coarse	0	65535	fade	32768	0..100%
4	Tilt fine					
5	ColorWheel	0	3	snap	0	open
		4	7	snap		Red
		8	11	snap		Congo Blue
		12	15	snap		CTO 2700 K
		16	19	snap		CTO 3200 K
		20	23	snap		CTO 4200 K
		24	27	snap		CTO 5600 K
		28	31	snap		CTO 7000 K
		32	35	snap		Magenta
		36	39	snap		Green
		40	43	snap		Blue
		44	167	fade		0-360° direct access (no steps)
		168	211	fade		rotation negative
		212	212	snap		rotation stop
		213	255	fade		rotation positive
6	Cyan	0	255	fade	0	0..100%
7	Magenta	0	255	fade	0	0..100%
8	Yellow	0	255	fade	0	0..100%
9	CTC	0	31	snap	0	Idle
		32	35	fade		2500
		36	39	fade		2600
		40	43	fade		2700
		44	47	fade		2800
		48	51	fade		2900
		52	55	fade		3000
		56	59	fade		3100
		60	63	fade		3200
		64	67	fade		3300
		68	71	fade		3400
		72	75	fade		3500
		76	79	fade		3600
		80	83	fade		3700
		84	87	fade		3800
		88	91	fade		3900
		92	95	fade		4000
		96	99	fade		4100
		100	103	fade		4200
		104	107	fade		4300
		108	111	fade		4400
		112	115	fade		4500
		116	119	fade		4600
		120	123	fade		4700
		124	127	fade		4800
		128	131	fade		4900
		132	135	fade		5000
		136	139	fade		5100
		140	143	fade		5200
		144	147	fade		5300
		148	151	fade		5400
		152	155	fade		5500
		156	159	fade		5600
		160	163	fade		5700
		164	167	fade		5800
		168	171	fade		5900
		172	175	fade		6000
		176	179	fade		6100
		180	183	fade		6200
		184	187	fade		6300
		188	191	fade		6400
		192	195	fade		6500
		196	199	fade		6600
		200	203	fade		6700
		204	207	fade		6800
		208	211	fade		6900
		212	215	fade		7000
		216	219	fade		7100
		220	223	fade		7200
		224	227	fade		7300
		228	231	fade		7400
		232	235	fade		7500
		236	239	fade		7600
		240	243	fade		7700

		244	247	fade		7800
		248	251	fade		7900
		252	255	fade		8000
10	Gobowheel 1 - Selection	0	15	snap	0	OPEN
		16	31	snap		GOBO 1 - 1
		32	47	snap		GOBO 1 - 2
		48	63	snap		GOBO 1 - 3
		64	79	snap		GOBO 1 - 4
		80	95	snap		GOBO 1 - 5
		96	111	snap		GOBO 1 - 6
		112	127	snap		GOBO 1 - 7
		128	128	snap		rotation stop
		129	191	fade		rotation negative
		192	192	snap		rotation stop
		193	255	fade		rotation positive
11	Gobowheel 1 - position/rotation coarse	0	32767	fade	0	Indexing 0..360°
12	Gobowheel 1 - position/rotation fine	32768	49151	fade		rotation negative fast -> slow
		49152	49152	snap		rotation stop
		49153	65535	fade		rotation positive slow -> fast
13	Gobowheel 2 (fix) - Selection	0	7	snap	0	OPEN
		8	15	snap		GOBO 2 - 1
		16	23	snap		GOBO 2 - 2
		24	31	snap		GOBO 2 - 3
		32	39	snap		GOBO 2 - 4
		40	47	snap		GOBO 2 - 5
		48	55	snap		GOBO 2 - 6
		56	63	snap		GOBO 2 - 7
		64	71	snap		GOBO 2 - 8
		72	79	snap		GOBO 2 - 9
		80	87	snap		GOBO 2 - 10
		88	127	snap		no function
		128	128	snap		rotation stop
		129	191	fade		rotation negative
		192	192	snap		rotation stop
		193	255	fade		rotation positive
14	Shutter	0	15	snap	255	shutter closed
		16	47	fade		shutter pulse, random slow-fast
		48	79	fade		dim to open, then shutter closed, random slow-fast
		80	111	fade		shutter open, then dim to closed, random slow-fast
		112	143	fade		dim to open, then dim to closed, random slow-fast
		144	199	fade		strobe effect pause 5s..1s
		200	239	fade		strobe effect 1Hz..10Hz
		240	255	snap		shutter open
15	Dimmer coarse	0	65535	fade	0	0..100%
16	Dimmer fine					
17	Focus coarse	0	65535	fade	32768	0..100%
18	Focus fine					
19	Zoom	0	255	fade	127	0..100%
20	Frost	0	3	snap	0	nofrost
		4	127	fade		light frost
		128	255	fade		heavy frost
21	Prism	0	7	snap	0	prism off
		8	130	fade		rotation negative fast -> slow
		131	131	snap		rotation stop
		132	255	fade		rotation positive slow -> fast
22	EffectWheel - Position	0	255	fade	0	0..100%
23	EffectWheel - Index/Rotation	0	0	snap	0	rotation stop
		1	127	fade		rotation negative fast > slow
		128	128	snap		rotation stop
		129	255	fade		rotation positive slow > fast
24	Beamshaper rotation	0	255	fade	127	0..100%
25	Framing Blade 1 Position / Left	0	255	fade	0	open to close
26	Framing Blade 1 Index / Right	0	255	fade	127	- angle ; 0 ; + angle / open to close
27	Framing Blade 2 Position / Left	0	255	fade	0	open to close
28	Framing Blade 2 Index / Right	0	255	fade	127	- angle ; 0 ; + angle / open to close
29	Framing Blade 3 Position / Left	0	255	fade	0	open to close
30	Framing Blade 3 Index / Right	0	255	fade	127	- angle ; 0 ; + angle / open to close
31	Framing Blade 4 Position / Left	0	255	fade	0	open to close
32	Framing Blade 4 Index / Right	0	255	fade	127	- angle ; 0 ; + angle / open to close

33	CONTROL	0	3	snap	0	Idle
these switch boxes only work if special channel has been enabled with value zero before:						
12	14					
15	17					reserved for additional Reset functions
18	20					reserved for additional Reset functions
21	23	snap				Reset ALL (3s hold)
24	26	snap				Reset HEAD (3s hold)
27	29	snap				Reset P/T (3s Hold)
30	32					reserved for additional Reset functions
33	35					
36	38					
39	41	snap				Dimmer Curve Esoft (3s hold) (DEFAULT)
42	44	snap				Dimmer Curve Linear (3s hold)
45	47					reserved for additional Dimmer functions (soft)
48	50					reserved for additional Dimmer functions
51	53					
54	56	snap				Display OFF (3s hold)
57	59	snap				Display Auto-Off - Standard (3s hold) (DEFAULT)
60	62	snap				Display ON (3s hold)
63	65	snap				Display flip OFF (3s hold) (DEFAULT)
66	68	snap				Display flip ON (3s hold)
69	71					
72	74					
75	77	snap				DMX Hold OFF (3s hold)
78	80	snap				DMX Hold ON (3s hold) (DEFAULT)
81	83					
84	86					
87	89	snap				Fan regulated (3s hold) (DEFAULT)
90	92	snap				Fan constant - High (3s hold) - (Limited Output)
93	95					Fan constant - Medium (3s hold) - (Limited Output)
96	98					Fan constant - Low (3s hold) - (Limited Output)
99	101					reserved for additional Fan functions
102	104					
105	107	snap				Position Feedback OFF (3s hold)
108	110	snap				Position Feedback ON (3s hold) (DEFAULT)
111	113					
114	116					
117	119	snap				Tilt invers OFF (3s hold) (DEFAULT)
120	122	snap				Tilt invers ON (3s hold)
123	125	snap				Pan invers OFF (3s hold) (DEFAULT)
126	128	snap				Pan invers ON (3s hold)
129	131	snap				Zoom invers OFF (3s hold) (DEFAULT)
132	134	snap				Zoom invers ON (3s hold)
135	137					
138	140					
141	143	snap				Fokus Tracking OFF (3s hold)
144	146	snap				Fokus Tracking narrow (5-10m) (3s hold)
147	149	snap				Fokus Tracking medium (10-20m) (3s hold) (DEFAULT)
150	152	snap				Fokus Tracking (wide >20m) (3s hold)
153	155					
156	158					
159	161	snap				Framing P/I Mode (3s hold) (DEFAULT)
162	164	snap				Framing L/R Mode (3s hold)
165	167					
168	170					
171	173					
174	176					
177	179					
180	182					
183	185					
186	188					
189	191					
192	194	snap				PWM 2200 Hz (5s hold)
195	197	snap				PWM 3000 Hz (Default) (5s hold)
198	200	snap				PWM 4800Hz (5s hold)
201	203	snap				PWM 9600 Hz (5s hold)
204	206	snap				reserved for additional PWM functions
207	209	snap				PWM 25 kHz (5s hold)
210	212					
213	215					
216	218					
219	221					
222	224					
225	227					
228	230					
231	233	snap				reserved for additional "Hibernation Mode On" functions
234	236	snap				reserved for additional "Hibernation Mode OFF" functions
237	239					
240	242	snap				Fixture default (5s hold)
243	245					
246	248					
249	251					
252	255					
34	FX1 - Selection	0	10	snap	0	Idle
		11	14	snap		LED Cluster Chaser 1-2-3-4-3-2-1

15	18	snap
19	22	snap
23	26	snap
27	30	snap
31	34	snap
35	38	snap
39	42	snap
43	255	

LED Cluster Crossfade 1-2-3-4-3-2-1
LED Cluster Chaser 1+2 - 3+4
LED Cluster Crossfade 1+2 - 3+4
LED Cluster Chaser 1+4 - 2+3
LED Cluster Crossfade 1+4 - 2+3
LED Cluster Chaser Random
LED Cluster Crossfade Random
not used

35	FX1 - Adjustment	0	255	fade	0	Slow - fast
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