

## Hip-Hop - DMX protocol ,version 1.0

Channel	Value	Function	Type of control
<b>1</b>		<b>Gobo wheel</b>	
		<i>Gobo selection</i>	
	0-7	Open/hole	step
	8-11	Gobo 1	step
	12-15	Gobo 2	step
	16-19	Gobo 3	step
	20-23	Gobo 4	step
	24-27	Gobo 5	step
	28-31	Gobo 6	step
	32-35	Gobo 7	step
	36-39	Gobo 8	step
	40-43	Gobo 9	step
	44-47	Gobo 10	step
	48-51	Gobo 11	step
	52-55	Gobo 12	step
	56-59	Gobo 13	step
	60-63	Gobo 14	step
		<i>Gobo shake, from slow to fast</i>	
	64-69	Open/hole	proportional
	70-75	Gobo 1	proportional
	76-81	Gobo 2	proportional
	82-87	Gobo 3	proportional
	88-93	Gobo 4	proportional
	94-99	Gobo 5	proportional
	100-105	Gobo 6	proportional
	106-111	Gobo 7	proportional
	112-117	Gobo 8	proportional
	118-123	Gobo 9	proportional
	124-129	Gobo 10	proportional
	130-135	Gobo 11	proportional
	136-141	Gobo 12	proportional
	142-147	Gobo 13	proportional
	148-153	Gobo 14	proportional
		<i>Pulse movement between two gobos ,from slow to fast</i>	
	154-157	Blackout --> Hole	proportional
	158-161	Hole --> Gobo 1	proportional
	162-165	Gobo 1 --> Gobo 2	proportional
	166-169	Gobo 2 --> Gobo 3	proportional
	170-173	Gobo 3 --> Gobo 4	proportional
	174-177	Gobo 4 --> Gobo 5	proportional
	178-181	Gobo 5 --> Gobo 6	proportional
	182-185	Gobo 6 --> Gobo 7	proportional
	186-189	Gobo 7 --> Gobo 8	proportional
	190-193	Gobo 8 --> Gobo 9	proportional
194-197	Gobo 9 --> Gobo 10	proportional	
198-201	Gobo 10 --> Gobo 11	proportional	
202-205	Gobo 11 --> Gobo 12	proportional	
206-209	Gobo 12 --> Gobo 13	proportional	
210-213	Gobo 13 --> Gobo 14	proportional	
214-217	Gobo 14 --> blackout	proportional	
218-229	Gobo wheel rotation from fast to slow (forward)	proportional	
230-231	No rotation	step	
232-243	Gobo wheel rotation from slow to fast (backward )	proportional	
244-249	Random gobo selection by audio control	step	
250-255	Auto random gobo selection from fast to slow	proportional	

