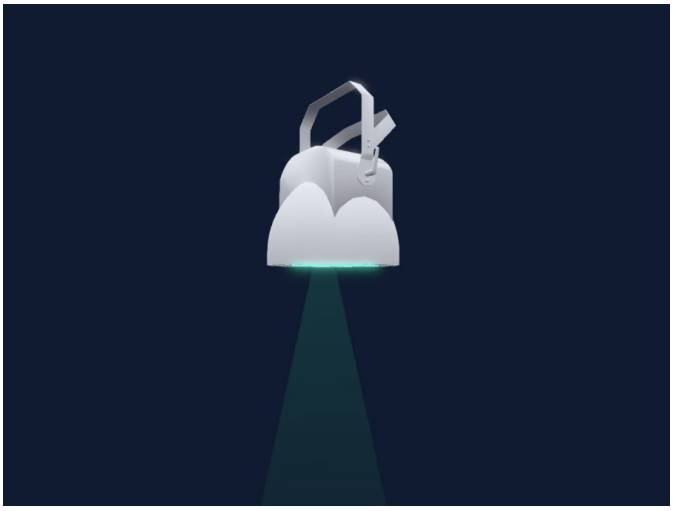
Showtec

Goliath



Manufacturer	**Showtec**
Type	**Effect light**
DMX modes	**5**
DMX footprint	**4, 5, 13, 19, 793 channels**
Beam angle	**25°**
Heads / cells	**171**
Size (W × H × D)	**521 × 382 × 226 mm**
GDTF fixture type	**6DE07FCD-2BC1-11F0-AFEE-42…**

Controls

Extra LED colours · Effect speed · Strobe · Dimmer · Pixel control

Safety-relevant functions

Strobe · Built-in effect programmes

DMX modes

4Ch RGBW Mode	4 ch
5Ch RAW Mode	5 ch
13Ch Basic Mode	13 ch
19Ch Extended Mode	19 ch
793Ch Extended Mode	793 ch

4Ch RGBW Mode

4 channels

Ch	Function	Default	DMX values
1	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
2	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
3	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
4	Color Add WW	255	0–0 Min 1–254 Min > Max 255–255 Max

5Ch RAW Mode

5 channels

Ch	Function	Default	DMX values
1	Color Add WW	255	0–0 Min 1–254 Min > Max 255–255 Max
2	Color Add RY	0	0–0 Min 1–254 Min > Max 255–255 Max
3	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
4	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
5	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max

13Ch Basic Mode

13 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
2	Shutter / Strobe	0	0–9 Open - Shutter Open 10–99 Strobe S > F - Strobe 100–109 Open - Shutter Open 110–139 Ramp Up S > F - Strobe Pulse Open 140–149 Open - Shutter Open 150–179 Ramp Down S > F - Strobe Pulse Closed 180–189 Open - Shutter Open 190–255 Strobe Random All - Strobe Random
3	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max

13Ch Basic Mode (continued)

Ch	Function	Default	DMX values
4	Shutter / Strobe 2	0	0–9 Open - Shutter Open 10–99 Strobe S > F - Strobe 100–109 Open - Shutter Open 110–139 Ramp Up S > F - Strobe Pulse Open 140–149 Open - Shutter Open 150–179 Ramp Down S > F - Strobe Pulse Closed 180–189 Open - Shutter Open 190–255 Strobe Random All - Strobe Random
5	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
6	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
7	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
8	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
9	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
10	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
11	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
12	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
13	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max

19Ch Extended Mode

19 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
2	Shutter / Strobe	0	0–9 Open - Shutter Open 10–99 Strobe S > F - Strobe 100–109 Open - Shutter Open 110–139 Ramp Up S > F - Strobe Pulse Open 140–149 Open - Shutter Open 150–179 Ramp Down S > F - Strobe Pulse Closed 180–189 Open - Shutter Open 190–255 Strobe Random All - Strobe Random
3	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max

19Ch Extended Mode (continued)

Ch	Function	Default	DMX values
4	Shutter / Strobe 2	0	0–9 Open - Shutter Open 10–99 Strobe S > F - Strobe 100–109 Open - Shutter Open 110–139 Ramp Up S > F - Strobe Pulse Open 140–149 Open - Shutter Open 150–179 Ramp Down S > F - Strobe Pulse Closed 180–189 Open - Shutter Open 190–255 Strobe Random All - Strobe Random
5	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
6	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
7	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
8	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
9	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
10	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
11	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
12	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
13	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max

19Ch Extended Mode (continued)

Ch	Function	Default	DMX values
14	Effect	0	0–10 No Function - Custom 11–18 Program 1 - Macro 19–26 Program 2 - Macro 27–34 Program 3 - Macro 35–42 Program 4 - Macro 43–50 Program 5 - Macro 51–58 Program 6 - Macro 59–66 Program 7 - Macro 67–74 Program 8 - Macro 75–81 Program 9 - Macro 82–89 Program 10 - Macro 90–97 Program 11 - Macro 98–105 Program 12 - Macro 106–113 Program 13 - Macro 114–121 Program 14 - Macro 122–129 Program 15 - Macro 130–137 Program 16 - Macro 138–145 Program 17 - Macro 146–152 Program 18 - Macro 153–160 Program 19 - Macro 161–167 Program 20 - Macro 168–175 Program 21 - Macro 176–183 Program 22 - Macro 184–191 Program 23 - Macro 192–199 Program 24 - Macro 200–207 Program 25 - Macro 208–215 Program 26 - Macro 216–223 Program 27 - Macro 224–231 Program 28 - Macro 232–239 Program 29 - Macro 240–255 Program 30 - Macro
15	Effect Speed	0	0–128 S > F - Speed 129–255 F > S - Speed
16	Effects1Adjust1	0	0–0 Min 1–99 Min > Max 100–255 Max
17	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
18	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
19	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max

793Ch Extended Mode

793 channels

Ch	Function	Default	DMX values
1	Color Add WW	255	
2	Red	255	
3	Green	255	
4	Blue	255	
5	Red	255	
6	Green	255	
7	Blue	255	
8	Red	255	

793Ch Extended Mode (continued)

Ch	Function	Default	DMX values
9	Green	255	
10	Blue	255	
11	Red	255	
12	Green	255	
13	Blue	255	
14	Red	255	
15	Green	255	
16	Blue	255	
17	Red	255	
18	Green	255	
19	Blue	255	
20	Red	255	
21	Green	255	
22	Blue	255	
23	Red	255	
24	Green	255	
25	Blue	255	
26	Red	255	
27	Green	255	
28	Blue	255	
29	Red	255	
30	Green	255	
31	Blue	255	
32	Red	255	
33	Green	255	
34	Blue	255	
35	Red	255	
36	Green	255	
37	Blue	255	
38	Red	255	
39	Green	255	
40	Blue	255	
41	Red	255	
42	Green	255	
43	Blue	255	
44	Red	255	
45	Green	255	
46	Blue	255	
47	Red	255	
48	Green	255	
49	Blue	255	
50	Red	255	
51	Green	255	
52	Blue	255	
53	Red	255	

793Ch Extended Mode (continued)

Ch	Function	Default	DMX values
54	Green	255	
55	Blue	255	
56	Red	255	
57	Green	255	
58	Blue	255	
59	Red	255	
60	Green	255	
61	Blue	255	
62	Red	255	
63	Green	255	
64	Blue	255	
65	Red	255	
66	Green	255	
67	Blue	255	
68	Red	255	
69	Green	255	
70	Blue	255	
71	Red	255	
72	Green	255	
73	Blue	255	
74	Red	255	
75	Green	255	
76	Blue	255	
77	Red	255	
78	Green	255	
79	Blue	255	
80	Red	255	
81	Green	255	
82	Blue	255	
83	Red	255	
84	Green	255	
85	Blue	255	
86	Red	255	
87	Green	255	
88	Blue	255	
89	Red	255	
90	Green	255	
91	Blue	255	
92	Red	255	
93	Green	255	
94	Blue	255	
95	Red	255	
96	Green	255	
97	Blue	255	
98	Red	255	

793Ch Extended Mode (continued)

Ch	Function	Default	DMX values
99	Green	255	
100	Blue	255	
101	Red	255	
102	Green	255	
103	Blue	255	
104	Red	255	
105	Green	255	
106	Blue	255	
107	Red	255	
108	Green	255	
109	Blue	255	
110	Red	255	
111	Green	255	
112	Blue	255	
113	Red	255	
114	Green	255	
115	Blue	255	
116	Red	255	
117	Green	255	
118	Blue	255	
119	Red	255	
120	Green	255	
121	Blue	255	
122	Red	255	
123	Green	255	
124	Blue	255	
125	Red	255	
126	Green	255	
127	Blue	255	
128	Red	255	
129	Green	255	
130	Blue	255	
131	Red	255	
132	Green	255	
133	Blue	255	
134	Red	255	
135	Green	255	
136	Blue	255	
137	Red	255	
138	Green	255	
139	Blue	255	
140	Red	255	
141	Green	255	
142	Blue	255	
143	Red	255	

793Ch Extended Mode (continued)

Ch	Function	Default	DMX values
144	Green	255	
145	Blue	255	
146	Red	255	
147	Green	255	
148	Blue	255	
149	Red	255	
150	Green	255	
151	Blue	255	
152	Red	255	
153	Green	255	
154	Blue	255	
155	Red	255	
156	Green	255	
157	Blue	255	
158	Red	255	
159	Green	255	
160	Blue	255	
161	Red	255	
162	Green	255	
163	Blue	255	
164	Red	255	
165	Green	255	
166	Blue	255	
167	Red	255	
168	Green	255	
169	Blue	255	
170	Red	255	
171	Green	255	
172	Blue	255	
173	Red	255	
174	Green	255	
175	Blue	255	
176	Red	255	
177	Green	255	
178	Blue	255	
179	Red	255	
180	Green	255	
181	Blue	255	
182	Red	255	
183	Green	255	
184	Blue	255	
185	Red	255	
186	Green	255	
187	Blue	255	
188	Red	255	

793Ch Extended Mode (continued)

Ch	Function	Default	DMX values
189	Green	255	
190	Blue	255	
191	Red	255	
192	Green	255	
193	Blue	255	
194	Red	255	
195	Green	255	
196	Blue	255	
197	Red	255	
198	Green	255	
199	Blue	255	
200	Red	255	
201	Green	255	
202	Blue	255	
203	Red	255	
204	Green	255	
205	Blue	255	
206	Red	255	
207	Green	255	
208	Blue	255	
209	Red	255	
210	Green	255	
211	Blue	255	
212	Red	255	
213	Green	255	
214	Blue	255	
215	Red	255	
216	Green	255	
217	Blue	255	
218	Red	255	
219	Green	255	
220	Blue	255	
221	Red	255	
222	Green	255	
223	Blue	255	
224	Red	255	
225	Green	255	
226	Blue	255	
227	Red	255	
228	Green	255	
229	Blue	255	
230	Red	255	
231	Green	255	
232	Blue	255	
233	Red	255	

793Ch Extended Mode (continued)

Ch	Function	Default	DMX values
234	Green	255	
235	Blue	255	
236	Red	255	
237	Green	255	
238	Blue	255	
239	Red	255	
240	Green	255	
241	Blue	255	
242	Red	255	
243	Green	255	
244	Blue	255	
245	Red	255	
246	Green	255	
247	Blue	255	
248	Red	255	
249	Green	255	
250	Blue	255	
251	Red	255	
252	Green	255	
253	Blue	255	
254	Red	255	
255	Green	255	
256	Blue	255	
257	Red	255	
258	Green	255	
259	Blue	255	
260	Red	255	
261	Green	255	
262	Blue	255	
263	Red	255	
264	Green	255	
265	Blue	255	
266	Red	255	
267	Green	255	
268	Blue	255	
269	Red	255	
270	Green	255	
271	Blue	255	
272	Red	255	
273	Green	255	
274	Blue	255	
275	Red	255	
276	Green	255	
277	Blue	255	
278	Red	255	

793Ch Extended Mode (continued)

Ch	Function	Default	DMX values
279	Green	255	
280	Blue	255	
281	Red	255	
282	Green	255	
283	Blue	255	
284	Red	255	
285	Green	255	
286	Blue	255	
287	Red	255	
288	Green	255	
289	Blue	255	
290	Red	255	
291	Green	255	
292	Blue	255	
293	Red	255	
294	Green	255	
295	Blue	255	
296	Red	255	
297	Green	255	
298	Blue	255	
299	Red	255	
300	Green	255	
301	Blue	255	
302	Red	255	
303	Green	255	
304	Blue	255	
305	Red	255	
306	Green	255	
307	Blue	255	
308	Red	255	
309	Green	255	
310	Blue	255	
311	Red	255	
312	Green	255	
313	Blue	255	
314	Red	255	
315	Green	255	
316	Blue	255	
317	Red	255	
318	Green	255	
319	Blue	255	
320	Red	255	
321	Green	255	
322	Blue	255	
323	Red	255	

793Ch Extended Mode (continued)

Ch	Function	Default	DMX values
324	Green	255	
325	Blue	255	
326	Red	255	
327	Green	255	
328	Blue	255	
329	Red	255	
330	Green	255	
331	Blue	255	
332	Red	255	
333	Green	255	
334	Blue	255	
335	Red	255	
336	Green	255	
337	Blue	255	
338	Red	255	
339	Green	255	
340	Blue	255	
341	Red	255	
342	Green	255	
343	Blue	255	
344	Red	255	
345	Green	255	
346	Blue	255	
347	Red	255	
348	Green	255	
349	Blue	255	
350	Red	255	
351	Green	255	
352	Blue	255	
353	Red	255	
354	Green	255	
355	Blue	255	
356	Red	255	
357	Green	255	
358	Blue	255	
359	Red	255	
360	Green	255	
361	Blue	255	
362	Red	255	
363	Green	255	
364	Blue	255	
365	Red	255	
366	Green	255	
367	Blue	255	
368	Red	255	

793Ch Extended Mode (continued)

Ch	Function	Default	DMX values
369	Green	255	
370	Blue	255	
371	Red	255	
372	Green	255	
373	Blue	255	
374	Red	255	
375	Green	255	
376	Blue	255	
377	Red	255	
378	Green	255	
379	Blue	255	
380	Red	255	
381	Green	255	
382	Blue	255	
383	Red	255	
384	Green	255	
385	Blue	255	
386	Red	255	
387	Green	255	
388	Blue	255	
389	Red	255	
390	Green	255	
391	Blue	255	
392	Red	255	
393	Green	255	
394	Blue	255	
395	Red	255	
396	Green	255	
397	Blue	255	
398	Red	255	
399	Green	255	
400	Blue	255	
401	Red	255	
402	Green	255	
403	Blue	255	
404	Red	255	
405	Green	255	
406	Blue	255	
407	Red	255	
408	Green	255	
409	Blue	255	
410	Red	255	
411	Green	255	
412	Blue	255	
413	Red	255	

793Ch Extended Mode (continued)

Ch	Function	Default	DMX values
414	Green	255	
415	Blue	255	
416	Red	255	
417	Green	255	
418	Blue	255	
419	Red	255	
420	Green	255	
421	Blue	255	
422	Red	255	
423	Green	255	
424	Blue	255	
425	Red	255	
426	Green	255	
427	Blue	255	
428	Red	255	
429	Green	255	
430	Blue	255	
431	Red	255	
432	Green	255	
433	Blue	255	
434	Red	255	
435	Green	255	
436	Blue	255	
437	Red	255	
438	Green	255	
439	Blue	255	
440	Red	255	
441	Green	255	
442	Blue	255	
443	Red	255	
444	Green	255	
445	Blue	255	
446	Red	255	
447	Green	255	
448	Blue	255	
449	Red	255	
450	Green	255	
451	Blue	255	
452	Red	255	
453	Green	255	
454	Blue	255	
455	Red	255	
456	Green	255	
457	Blue	255	
458	Red	255	

793Ch Extended Mode (continued)

Ch	Function	Default	DMX values
459	Green	255	
460	Blue	255	
461	Red	255	
462	Green	255	
463	Blue	255	
464	Red	255	
465	Green	255	
466	Blue	255	
467	Red	255	
468	Green	255	
469	Blue	255	
470	Red	255	
471	Green	255	
472	Blue	255	
473	Red	255	
474	Green	255	
475	Blue	255	
476	Red	255	
477	Green	255	
478	Blue	255	
479	Red	255	
480	Green	255	
481	Blue	255	
482	Red	255	
483	Green	255	
484	Blue	255	
485	Red	255	
486	Green	255	
487	Blue	255	
488	Red	255	
489	Green	255	
490	Blue	255	
491	Red	255	
492	Green	255	
493	Blue	255	
494	Red	255	
495	Green	255	
496	Blue	255	
497	Red	255	
498	Green	255	
499	Blue	255	
500	Red	255	
501	Green	255	
502	Blue	255	
503	Red	255	

793Ch Extended Mode (continued)

Ch	Function	Default	DMX values
504	Green	255	
505	Blue	255	
506	Red	255	
507	Green	255	
508	Blue	255	
509	Red	255	
510	Green	255	
511	Blue	255	
512	Red	255	