

iLED PAR64
183 RGB LED's
User's Manual



Specifications:

iLED PAR64 – 183 RGB LED's

Electrical

Operating Voltage	120V, 60Hz
Power Consumption	12w
Inrush	20w
Fuse	Build in Auto-switching power supply

Mechanical/Physical

Dimensions	8.5 x 8.5 x 11 in
Weight	2.87 Lbs (1.3 kg)
Construction	Aluminum Housing

Output/Performance

Qty Red LEDs	61
Qty Green LEDs	61
Qty Blue LEDs	61
Total	183

Photometric

Beam Angle	25°
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Control

DMX512	On board via two 3pin XLR connectors, the button for setting address
Pre Programmers	Built in, selectable via the dipswitch

Dipswitch for setting function

Setup	Function	Values
NO.1~NO.9 (NO.10 OFF)	Set the DMX address of the unit.	Each lamp occupies six DMX channels, set the address of the range of 1-511.
NO.1~NO.6 (NO.10 ON)	Manual color NO.8 and 9 must be off	Dipswitches 1-2: Red level (1 on = 50%, 2 on = 75%, 1-2 on = 100%) Dipswitches 3-4: Green level (1on = 50%, 2on = 75%, 1-2 on = 100%) Dipswitches 5-6: Blue level (1 on = 50%, 2 on = 75%, 1-2 on = 100%) Music/Auto switch has no function in this mode
NO.8 ON (NO.10 ON)	Color change program NO.9 must be off Push button off: Music Push button on: Auto	Music/Auto switch Music: Sound Activated, Rotary knob sets sound sensitivity Auto: Rotary knob sets speed of program
NO.9 ON (NO.10 ON)	Very slow color cross-fade program	Rotary knob sets speed of program Music/Auto switch has no function in this mode

Standalone & Master/Slave Operation

If you sets the dipswitch NO.10 ON,the units run in standalone & master/slave mode. When multiple units are linked together via 3pin XLR cables (sold separately), the first unit in the chain will act as the Master and will send data (DMX512) to the other units (Slaves). By linking the units in master/slave connection, the first unit will control the other units to give an automatic sound activated synchronized light show.

DMX512 Control

If you sets the dipswitch NO.10 OFF,the units run in dmx512 mode. LEDPAR can be remotely controlled via industry standard DMX512 lighting controllers. If you use a universal DMX controller to control the units, you have to set DMX address from 1 to 511 channel so that the units can receive DMX signal. Please refer to the following diagram to address your DMX512 channel for the units.

DMX Channels

Each LED PAR has 5 control channels

Channel	Value/Level	Function
1	000-255 RED	0-4: Closed 5-255: RED brightness
2	000-255 GREEN	0-4: Closed 5-255: GREEN brightness
3	000-255 BLUE	0-4: Green closed 5-255: BLUE brightness
4	000-255 MASTER DIMMER	0-4: Closed 5-255: Brightness
5	000-255 STROBE	0-4: No strobe 5-255: Strobe speed

DMX Channel Values

Unit #	DMX Address	Dipswitch ON
1	1	1
2	6	2 + 3
3	11	1+2+4
4	16	5
5	21	1+3+5
6	26	2+4+5
7	31	1+2+3+4+5
8	36	3+6
9	41	1+4+6
10	46	2+3+4+6
11	51	1+2+5+6

Unit #	DMX Address	Dipswitch ON
12	56	4+5+6
13	61	1+3+4+5+6
14	66	2+7
15	71	1+2+3+7
16	76	3+4+7
17	81	1+5+7
18	86	2+3+5+7
19	91	1+2+4+5+7
20	96	6+7
21	101	1+3+6+7
22	106	2+4+6+7

Unit #	DMX Address	Dipswitch ON
23	111	1+2+3+4+6+7
24	116	3+5+6+7
25	121	1+4+5+6+7
26	126	2+3+4+5+6+7
27	131	1+2+8
28	136	4+8
29	141	1+3+4+8
30	146	2+5+8
31	151	1+2+3+5+8
32	156	3+4+5+8
33	161	1+6+8
34	166	2+3+6+8
35	171	1+2+4+6+8
36	176	5+6+8
37	181	1+3+5+6+8
38	186	2+4+5+6+8
39	191	1+2+3+4+5+6+8
40	196	3+7+8
41	201	1+4+7+8
42	206	2+3+4+7+8
43	211	1+2+5+7+8
44	216	4+5+7+8
45	221	1+3+4+5+7+8
46	226	2+6+7+8
47	231	1+2+3+6+7+8
48	236	3+4+6+7+8
49	241	1+5+6+7+8
50	246	2+3+5+6+7+8
51	251	1+2+4+5+6+7+8
52	256	9
53	261	1+3+9
54	266	2+4+9
55	271	1+2+3+4+9
56	276	3+5+9
57	281	1+4+5+9
58	286	2+3+4+5+9
59	291	1+2+6+9
60	296	4+6+9
61	301	1+3+4+6+9
62	306	2+5+6+9

Unit #	DMX Address	Dipswitch ON
63	311	1+2+3+5+6+9
64	316	3+4+5+6+9
65	321	1+7+9
66	326	2+3+7+9
67	331	1+2+4+7+9
68	336	5+7+9
69	341	1+3+5+7+9
70	346	2+4+5+7+9
71	351	1+2+3+4+5+7+9
72	356	3+6+7+9
73	361	1+4+6+7+9
74	366	2+3+4+6+7+9
75	371	1+2+5+6+7+9
76	376	4+5+6+7+9
77	381	1+3+4+5+6+7+9
78	386	2+8+9
79	391	1+2+3+8+9
80	396	3+4+8+9
81	401	1+5+8+9
82	406	2+3+5+8+9
83	411	1+2+4+5+8+9
84	416	6+8+9
85	421	1+3+6+8+9
86	426	2+4+6+8+9
87	431	1+2+3+4+6+8+9
88	436	3+5+6+8+9
89	441	1+4+5+6+8+9
90	446	2+3+4+5+6+8+9
91	451	1+2+7+8+9
92	456	4+7+8+9
93	461	1+3+4+7+8+9
94	466	2+5+7+8+9
95	471	1+2+3+5+7+8+9
96	476	3+4+5+7+8+9
97	481	1+6+7+8+9
98	486	2+3+6+7+8+9
99	491	1+2+4+6+7+8+9
100	496	5+6+7+8+9
101	501	1+3+5+6+7+8+9
102	506	2+4+5+6+7+8+9