



## Master Controller Layout as of May 24, 2011

Controller Address			Channel Group Descriptions				General
Decimal	Hex	Channels	1-4	5-8	9-12	13-16	Description
1	01	1-16	Group A	Group B	Group C	Group D	Generic 4 channel groups (windows, bushes, columns, etc.)
2	02	17-32	Group E	Group F	Group G	Group H	Generic 4 channel groups (windows, bushes, columns, etc.)
3	03	33-48	Group I	Group J	Group K	Group L	Generic 4 channel groups (windows, bushes, columns, etc.)
4	04	49-64	Group M		Group N		Generic 8 channel groups (yard/roof chasers, etc.)
5	05	65-80	Group O		Group P		Generic 8 channel groups (yard/roof chasers, etc.)
6	06	81-96	ABCD	EFGH	IJKL	MNOP	Generic 16 channel groups (single channel mini-trees, etc)
7	07	96-112	ABCD	EFGH	IJKL	MNOP	Generic 16 channel groups (single channel mini-trees, etc)
8	08	113-128	ABCD	EFGH	IJKL	MNOP	Generic 16 channel groups (single channel mini-trees, etc)
9	09	129-144	red	blue	green	white	16 channel 4 color (R/G/B/W) megatree
10	0A	145-160	red	blue	green	white	32 channel 4 color (R/G/B/W) megatree (16 channels added to above tree)
11	0B	161-176	red	blue	green	white	16 channel 4 color (R/G/B/W) megatree
12	0C	177-192	red	blue	green	white	32 channel 4 color (R/G/B/W) megatree (16 channels added to above tree)
13	0D	193-208	A		B		2 leaping arches or 2 verticals (8 channels each)
14	0E	209-224	C		D		2 leaping arches or 2 verticals (8 channels each)
15	0F	225-240	E		F		2 leaping arches or 2 verticals (8 channels each)
16	10	241-256	G		H		2 leaping arches or 2 verticals (8 channels each)
17	11	257-272	barn	animals	wisemen	others	16 channel nativity story
18	12	273-288	ABCD	EFGH	IJKL	MNOP	16 channel candy cane forest
19	13	289-304					<i>reserved (TBD)</i>
20	14	305-320					<i>reserved (TBD)</i>
21	15	321-336	A	B	C	D	4 channel shooting stars
22	16	327-352	E	F	G	H	4 channel shooting stars
23	17	353-368	I	J	K	L	4 channel shooting stars
24	18	369-384	M	N	O	P	4 channel shooting stars
25	19	385-400	A	B	C	D	4 color mini-trees (R/G/B/W)
26	1A	401-416	E	F	G	H	4 color mini-trees (R/G/B/W)
27	1B	417-432	I	J	K	L	4 color mini-trees (R/G/B/W)
28	1C	433-448	M	N	O	P	4 color mini-trees (R/G/B/W)
29	1D	449-464	I	I	J	J	2 leaping arches or 2 verticals (8 channels each)
30	1E	465-480	K	K	L	L	2 leaping arches or 2 verticals (8 channels each)
31	1F	481-496	M	M	N	N	2 leaping arches or 2 verticals (8 channels each)
32	20	497-512	O	O	P	P	2 leaping arches or 2 verticals (8 channels each)
33	21	513-528					<i>reserved (TBD)</i>
34	22	529-544					<i>reserved (TBD)</i>
35	23	545-560					<i>reserved (TBD)</i>
36	24	561-576					<i>reserved (TBD)</i>



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37	25	577-592					<i>reserved (TBD)</i>
38	26	593-608					<i>reserved (TBD)</i>
39	27	609-624					<i>reserved (TBD)</i>
40	28	625-640					<i>reserved (TBD)</i>
41	29	641-656	red	blue	green	white	4 color, 4 spinning arms snowflake (16 channel design element)
42	2A	657-672	red	blue	green	white	4 color, 4 spinning arms snowflake (16 channel design element)
43	2B	673-688	red	blue	green	white	4 color, 4 spinning arms snowflake (16 channel design element)
44	2C	689-704	red	blue	green	white	4 color, 4 spinning arms snowflake (16 channel design element)
45	2D	705-720	red	blue	green	white	4 color, 4 spinning slice wreath (16 channel design element)
46	2E	721-736	red	blue	green	white	4 color, 4 spinning slice wreath (16 channel design element)
47	2F	737-752	red	blue	green	white	4 color, 4 spinning slice wreath (16 channel design element)
48	30	753-768	red	blue	green	white	4 color, 4 spinning slice wreath (16 channel design element)
49	31	769-784	Group A	Group B	Group C	Group D	Ground Grid
50	32	785-800	Group E	Group F	Group G	Group H	Ground Grid
51	33	801-816					<i>reserved</i>
52	34	817-832					<i>reserved</i>
53	35	833-848					<i>reserved</i>
54	36	849-864					<i>reserved</i>
55	37	865-880					<i>reserved</i>
56	38	881-896					<i>reserved</i>
57	39	897-912					<i>reserved</i>
58	3A	913-928					<i>reserved</i>
59	3B	929-944					<i>reserved</i>
60	3C	945-960					<i>reserved</i>
61	3D	961-976					<i>reserved</i>
62	3E	977-992					<i>reserved</i>
63	3F	993-1008					<i>reserved</i>
64	40	1009-1024					<i>reserved</i>
65	41	1025-1040					<i>reserved</i>
66	42	1041-1056					<i>reserved</i>
67	43	1057-1072					<i>reserved</i>
68	44	1073-1088					<i>reserved</i>
69	45	1089-1104					<i>reserved</i>
70	46	1105-1128					<i>reserved</i>
71	47	1129-1136					<i>reserved</i>
72	48	1137-1152					<i>reserved</i>



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73	49	1153-1168					<i>reserved</i>
74	4A	1169-1184					<i>reserved</i>
75	4B	1185-1200					<i>reserved</i>
76	4C	1201-1216					<i>reserved</i>
77	4D	1217-1232					<i>reserved</i>
78	4E	1233-1248					<i>reserved</i>
79	4F	1249-1264					<i>reserved</i>
80	50	1265-1280					<i>reserved</i>
81	51	1281-1296	layer 1	layer 2	layer 3	layer 4	commercial wedding cake layer tree (custom)
82	52	1297-1312	layer 5	layer 6	layer 7	layer 8	commercial wedding cake layer tree (custom)
83	53	1313-1328	layer 9	layer 10	layer 11	layer 12	commercial wedding cake layer tree (custom)
84	54	1329-1344	layer 13	layer 14	layer 15	layer 16	commercial wedding cake layer tree (custom)
85	55	1345-1360					commercial wedding cake layer tree (custom)
86	56	1361-1376					commercial wedding cake layer tree (custom)
87	57	1377-1392					commercial wedding cake layer tree (custom)
88	58	1393-1408					commercial wedding cake layer tree (custom)
89	59	1409-1424					<i>reserved</i>
90	5A	1424-1440					<i>reserved</i>
91	5B	1441-1456					<i>reserved</i>
92	5C	1457-1472					<i>reserved</i>
93	5D	1473-1488					<i>reserved</i>
94	5E	1489-1504					<i>reserved</i>
95	5F	1505-1520					<i>reserved</i>
96	60	1521-1536					<i>reserved</i>
97	61	1537-1552					reserved for Cosmic Color Ribbon
98	62	1553-1568					reserved for Cosmic Color Ribbon
99	63	1569-1584					reserved for Cosmic Color Ribbon
100	64	1585-1600					reserved for Cosmic Color Ribbon
101	65	1601-1616					reserved for Cosmic Color Ribbon
102	66	1617-1632					reserved for Cosmic Color Ribbon
103	67	1633-1648					reserved for Cosmic Color Ribbon
104	68	1649-1664					reserved for Cosmic Color Ribbon
105	69	1665-1680					reserved for Cosmic Color Ribbon
106	6A	1681-1696					reserved for Cosmic Color Ribbon
107	6B	1697-1712					<i>reserved</i>
108	6C	1713-1728					<i>reserved</i>



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Decimal	Hex	Channels	1-4	5-8	9-12	13-16	Description
109	6D	1729-1744					<i>reserved</i>
110	6E	1745-1760					<i>reserved</i>
111	6F	1761-1776					<i>reserved</i>
112	70	1777-1792					<i>reserved</i>
113	71	1793-1808					<i>reserved</i>
114	72	1809-1824					<i>reserved</i>
115	73	1825-1840					<i>reserved</i>
116	74	1841-1856					<i>reserved</i>
117	75	1857-1872					<i>reserved</i>
118	76	1873-1888					<i>reserved</i>
119	77	1889-1904					<i>reserved</i>
120	78	1905-1920					<i>reserved</i>
121	79	1921-1936					<i>reserved</i>
122	7A	1937-1952					<i>reserved</i>
123	7B	1953-1968					<i>reserved</i>
124	7C	1969-1984					<i>reserved</i>
125	7D	1985-2000					<i>reserved</i>
126	7E	2001-2016					<i>reserved</i>
127	7F	2017-2032					<i>reserved</i>
128	80	2033-2048					<i>reserved</i>