ELATION DESIGN LED 108IP
DMX TRAITS

The charts below and on the preceding pages outline the different DMX traits for the three different DMX modes.

3-Channel mode: In this mode channel one controls all the red LEDs, channel two controls all the green LEDs, and channels three controls all the blue LEDs.

CHANNEL 1:Red
CHANNEL 2:Green
CHANNEL 3:Blue

3-Channel Mode: The chart below details the DMX channel layout for 3-channel assignment.

DMX channel's functions and their values (3-Channel Mode):	
Channel 1 - Red:	
0-255	Red (0-Black, 255 - 100% Red)
Channel 2 - Green:	
0-255	Green (0-Black, 255 - 100% Green)
Channel 3 - Blue:	
0-255	Blue (0-Black, 255 - 100% Blue)

4-Channel mode: In this mode channel one controls all the red LEDs, channel two controls all the green LEDs, channels three controls all the blue LEDs, and channel four-- will control the master dimming level.

CHANNEL 1:Red
CHANNEL 2:Green
CHANNEL 3:Blue
CHANNEL 4:Dimmer/Speed

4-Channel Mode: The chart below details the DMX channel layout for 4-channel assignment.

DMX channel's functions and their values (4-Channel Mode):	
Channel 1 - Red:	
0-255	Red (0-Black, 255 - 100% Red)
Channel 2 - Green:	
0-255	Green (0-Black, 255 - 100% Green)
Channel 3 - Blue:	
0-255	Blue (0-Black, 255 - 100% Blue)
Channel 4 - Dimming / Program Speed Control	
This channel has two functions depending on the operating mode. When running the built-in programs this channel will control the program speed.	
0-255	Dimming (0%-100%) ~ *Normal Operation*
0-255	Speed (min to max) ~ *When running built-in programs on channel 4*

6-Channel mode: In this mode channels 1~3 are used to control the RGB LEDs and channels 4~6 will control special features.
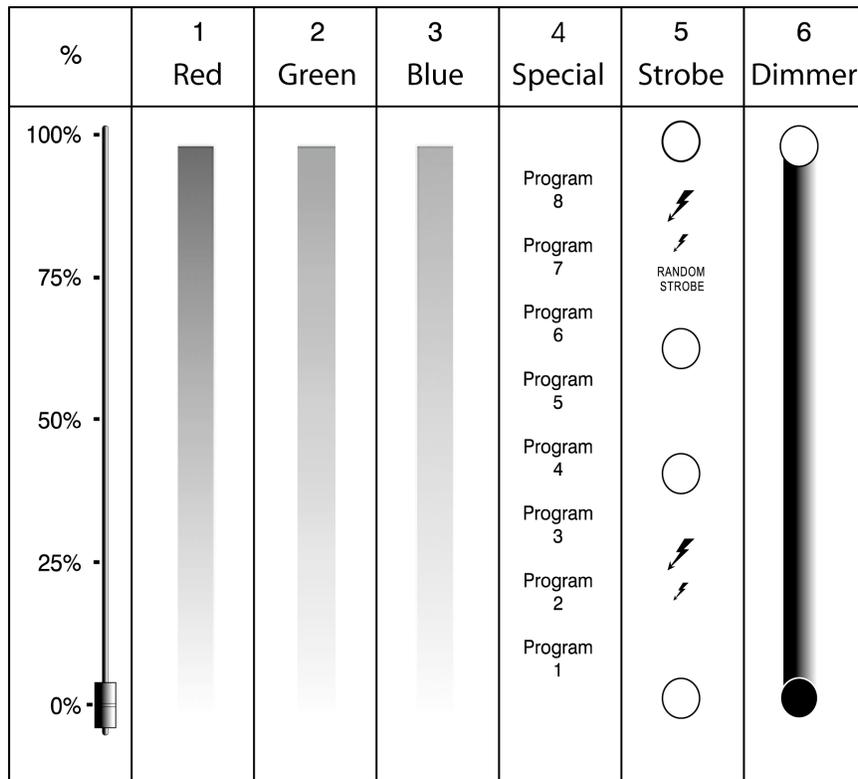
CHANNEL 1:Red

CHANNEL 2:Green

CHANNEL 3:Blue

CHANNEL 4:Auto Programs (Built-in Programs)

CHANNEL 5:Strobe

CHANNEL 6:Dimmer/Speed

6-Channel Mode: The charts below and on the next page detail the DMX channel layout for 6-channel assignment.

%	1 Red	2 Green	3 Blue	4 Special	5 Strobe	6 Dimmer
100%					◯	◯
				Program 8	⚡	
				Program 7	⚡ RANDOM STROBE	
75%				Program 6		
				Program 5	◯	
50%				Program 4	◯	
				Program 3		
25%				Program 2	⚡ ⚡	
				Program 1		
0%					◯	●

DMX channel's functions and their values (6-Channel Mode):	
Channel 1 - Red:	
0-255	Red (0-Black, 255-100% Red)

Channel 2 - Green:

0-255	Green (0-Black, 255- 100% Green)

Channel 3 - Blue:

0-255	Blue (0-Black, 255- 100% Blue)

Channel 4 - Internal programs:

0-10	No function
11-40	Internal program 1
41-70	Internal program 2
71-100	Internal program 3
101-130	Internal program 4
131-160	Internal program 5
161-190	Internal program 6
191-220	Internal program 7
221-255	Internal program 8

Channel 5 - Strobe:

0	No function
1~95	Strobe effect slow to fast
96-127	No function
128-159	Pulse effect in sequences
160-191	No function
192-223	Random strobe effect slow to fast
224-255	No function

Channel 6 - General dimming / Program Speed Control

This channel has two functions depending on the operating mode. When running the built-in programs this channel will control the program speed, when not running the built-in programs this channel will control master dimming.

0-255	Dimming (0%-100%) ~ *Normal Operation*
0-255	Speed (min to max) ~ *When running built-in programs on channel 4*