

Lighting Basics at ANEW

Different kinds of lights: The new LED lights include 4 miniature spotlights, 2 wash panels, the "swarm" combo, and 4 moving heads. At the lighting station (upstairs in the media loft) there's a light switch with four light switches. One is for spotlights, one is for stage lights, one is for Christmas lights, the last one is not in use. There are also two stationary (par can) spot lights inside the trussing; they remain blue even if you black out all lights. The haze machine must be plugged in for about five minutes to warm up before you will see the light inside the smoke machine changed from red to blue when it is ready.

There are three stationary scenes on the light controller; one for red, one for blue, one for green. These 3 are meant to be simple and remain still with no moving action. The next scene is designed to be a flood of white light for a speaker on stage (to preach or do announcements). Scene five is designed to put lights on communion. The last three scenes (6,7,8) are designed to be creative with movement of varied colors and shapes for faster songs.

When using moving lights during a song, the lights should be the same color as the background for the motion loop with Pro Presenter, and move at the same rate of speed as the song (fast songs equals fast lights, slow songs equals low lights).

Programming a light show: (Chauvey obey 40)

All DMX lighting is daisy chained together (see diagram). Each light or **fixture** has an **address**; each address has 12 **channels**. You will set each fixture where you want it to pan and tilt then program the color and the shape (gobo) that you want.

That fixture is now set for a **scene**. A scene is made up of all fixtures programmed where you want them. Multiple scenes are put together in order to make a **chase**. Each fixture has a chart or a key that you must refer to in order to find the right settings. This is usually found in the owner's manual

Light in Chain	Digital
1	1
2	17
3	33
4	49
5	65
6	81
7	97
8	113
9	129
10	145
11	161
12	177

