

Re: Fading Lights Unit

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Yeah- so- there would be a dial that I can turn up or down to adjust how long it takes for a light to fade in/out. So, say <1sec to 30sec to fade in. Let's say I set it at 10sec. Then, I could set the on time (same way- with a dial) and the fade out rate all the same way. NOW- the 'on time' portion would need to be able to be bypassed so that my switch can control it directly (off/on at the switch), OR, I could turn that function on and set the on time.

So- for example- I dial these settings-

Fade in - 4 sec
On time- NONE- switch controlled
Fade Out- 6 sec

Then- my switch is triggered and the lights begin to fade in. It would take 4 sec for them to achieve full brightness. Then, the switch is turned off and it takes 6 sec to go from it's current brightness to off. HOWEVER- lets say I trigger the switch, but at 2 sec into it, I turn it off again- it would need to IMMEDIATELY start fading out. And, then let's say at 4.5sec during the fade out, I flip the switch, it would need to start fading back up again- smoothly. The switch will be triggered off of music- probably a 'color organ', so the on/off pattern will be fairly quick. Does that make sense?

So, the controls would be in the form of a knob that the user could turn at will.

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