



Chauvet 16 Aquarium Controller Schematic Diagram. (c)2014 by Jerry Sy j3rry5y@gmail.com		
Project	Chauvet 16 Controller	
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Use a 12v 1or2a switching power supply, stepped down to 5v with a buck converter to power the Arduino Mega board and the rest of external 5v circuits. Relay board is powered by a separate 5v 1a power supply. The 12v power supply is also used to power the Doser, PWM fan driver circuit and second unmodified Chauvet via ULN2803. You can add a power switch to the 110v line connected to the 110v inputs of the two power supplies.