

Switch on/off an aquarium lamp using an arduino uno

This project was created to be used by people who travel. If you have an aquarium at home, you can use it to control the activation / deactivation of your lamp. I assume you already have an automatic feeder.

The lamp is controlled by a relay connected to pin 8 of the arduino.

The relay is a JQC-3FF-S-Z, but you can also use another one.

We can power the arduino in different ways. I connected with a 12 V power supply.

The lamp, the 12 V power supply and the plug are just representations, they are not faithful to the modules I used in the project.

