

The Flapper Mini
Engineering Solutions Inc
www.response-box.com

Your Flapper Mini was designed to provide years of trouble-free operation. For best results, follow these steps:

1. Place the base unit on or near your video projector, but don't connect the power supply or attach the flap yet. It's often convenient to place the unit on top of the projector and secure it with a strip of gaffer's tape.

2. Connect the power supply. The unit ships with a dedicated wall-mounted 5V, 2A DC power supply, center positive. Substitution of any other power supply will damage the unit severely.

2. When the power supply is first plugged in, the red and green panel LEDs will flash for approximately 5 seconds and the motor will spin to the 'home position' if it isn't there already. The red LED will illuminate steadily after the initialization process.

3. Once the red LED is on, attach the flap to the motor assembly so that the projector lens is completely covered. You'll notice that the motor assembly contains a geared shaft; take care to seat the flap firmly. Use the included mounting screw to secure the flap to the motor shaft. Take care not to overtighten the screw.

When powered up, the motor shaft will exhibit strong resistance to rotation. Though the motor was chosen for its high-torque characteristics, excessive torque will damage the unit.

4. Connect a the manual controller module to the base unit using 3-pin XLR cable. Throwing the switch back and forth on the controller should cause the flap to travel through approximately 120 degrees. Either the red or the green LED will illuminate, depending on the flap's position.

5. That's it! You're up and running. Make certain that the flap is free from all obstructions in its travel path. It's best to power down the unit after the show if possible.