Economy Digital Strobe

P2-9015

BACKGROUND:

Ideal for a variety of demonstrations, this digital strobe features nine flashing LEDs that can be tuned from 1 to 255 Hz with +/- 2% accuracy. You can use it with a tuning fork or rotating fan blade and amaze your students by appearing to stop their motion. It's also perfect for demonstrating and determining the frequency of standing waves. You can calculate the wave speed using the wavelength and frequency then compare the results to the theoretical speed calculations using string density and tension. Four AA batteries included. Measures 5.5" x 2.5".

SAFTY PRECAUTIONS:

• DO NOT look directly into the LED light. It can cause a persistent after-image or damage to vision.

• DO NOT expose eyes to flashing light. It may make you feel sick. If this happens immediately stop using the product and take appropriate measures.

• Misuse of batteries may cause overheating, battery fluid leakage or an explosion.

• When not using this product for a long period of time, remove the batteries and store them separately from the product.

• Do not mix old and new batteries. Do not mix different kinds of batteries.

• Install batteries with the **+/-** terminals in their correct orientation.

• Never let metallic items touch the circuit board while batteries are connected. It may cause damage to equipment.

HOW TO USE:

Insert four size AA batteries (included) into the battery holder.
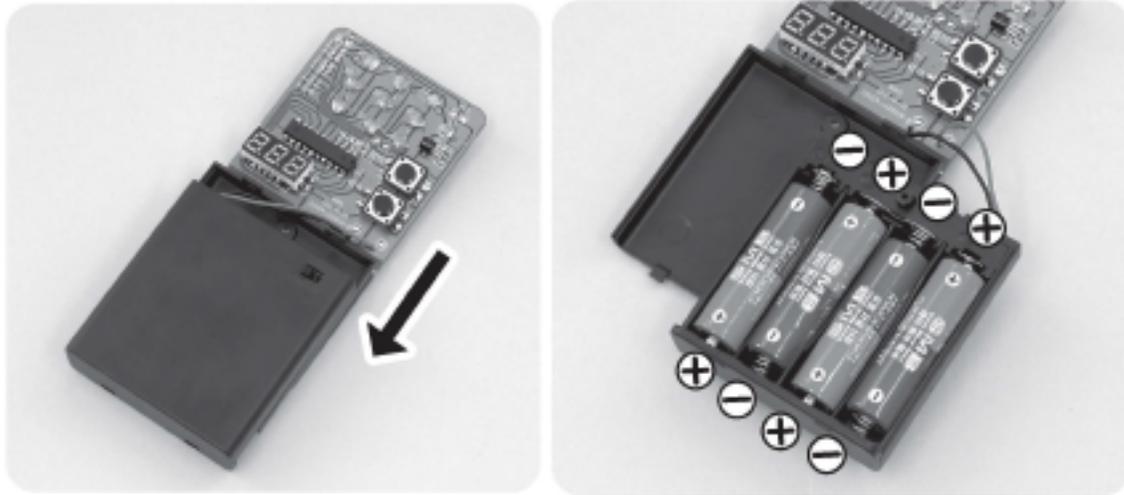
Slide the lid in the direction of the arrow as shown. Install batteries in their proper polarity (+/-).
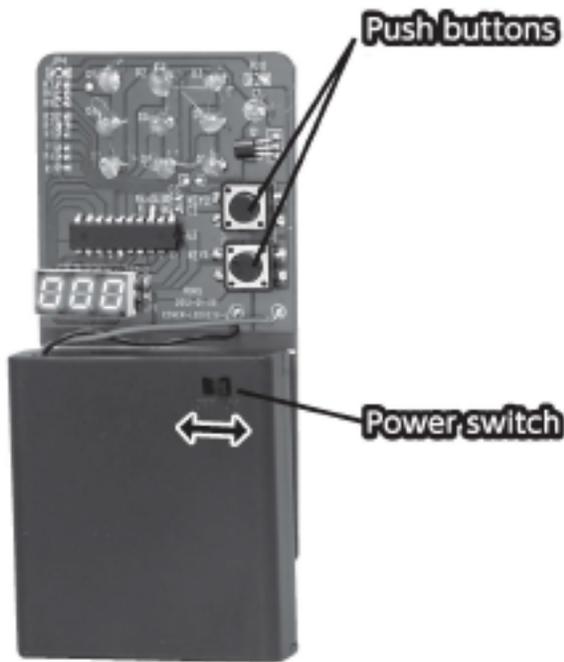
When the power switch is turned on, the LED will start to flash, you can adjust the flashing frequency by using the push buttons.

The upper button increases the flashing frequency of strobe and lower button decreases it. When the button is pushed once, it can change the flashing speed from once per second (zero flashes) to 255 times per second.

If the upper button is kept pressed. the number of flashes will keep on increasing. When the lower button is kept pressed, the number of flashes will keep on decreasing.