

# OPERATING INSTRUCTIONS

## Air Table Flasher No. 72719-2

### 1. Introduction

The Air Table Flasher is made to attach to magnetic pucks such as No. 72719-31, and to be used with our Student Air Table, No. 72719-36, so that air table "history" can be recorded.

### 2. Description

The flasher is a flat-bottomed disk, 3-1/2" in circumference and 1-3/4" high, that will ride on top of a magnetic puck on your air table. Its LED light flashes quicker than an incandescent bulb can. The flash rate is between 1 and more than 40 flashes per second for your strobe photography record. There is no streaking appearance like that normally produced by the heating and cooling of an incandescent bulb's filament. You will need to supply an alkaline 9-volt battery.

### 3. Calibration

Insert a 9-volt alkaline battery (No. 31802) into the battery clip. Locate the silver control screw on the top of the case and turn it clockwise with a screw driver. Use the screw to turn the flasher on and off, and to control the flash rate.

Hook an oscilloscope or frequency counter to the two silver calibration posts and turn the control screw until the desired flash rate is obtained. Unhook the oscilloscope or frequency counter. The LED Air Table Flasher is now ready for use.

### 4. Operation

- 4.1 Remove the pressure-fit cover, and the battery, if present.
- 4.2 Insert one 8/32 x 3/8" machine screw through the bottom of the flasher into the magnetic puck.
- 4.3 Insert the battery into the clip and center the flasher with the puck.
- 4.4 Replace the pressure-fit cover.

### 5. Maintenance

The Air Table Flasher requires no special maintenance. If you should experience any difficulty with an Air Table Flasher, please contact Central Scientific Company, giving details of the problem. To insure better service, please do not return any merchandise to Central Scientific Company without authorization.

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