

MODEL100 12V-120V
GENCLOCK
By Flight Systems Inc.
Installation & Setup instructions:

Mounting

The *GENCLOCK* requires a minimum 2.5" long piece of 35mm x 7.5mm DIN rail to mount to.

Power

Minimum supply requirement: 10VAC/DC @ 100mA

Maximum supply voltage: 150VAC/DC

Power is applied to terminals "1" and "2" with no concerns for polarity.

NOTE: Disconnect battery chargers before connecting/disconnecting power

Output

Contact Rating: Dry contact, 10 Amp @ 250V

Battery Backup

A CR2032 battery is used to keep time and exercise settings during power failures.

The *GENCLOCK* is shipped without the battery and cover installed. Insert the battery into the slot provided with the + (positive) side facing up.

To test the condition of the battery, check the voltage from the top of the battery holder to the small pad marked "GND" on the base circuit board. A reading lower than 2.6VDC indicates a bad battery and will need to be replaced. For storage, it is recommended to remove the backup battery from the device.

Setup

On initial power up, the control will boot up into setup mode. Use the "▼" and "▲" buttons to progress through the setup screens. You can re-enter setup mode at any time by pressing the **DSP** and **ENT** buttons simultaneously.

While in setup mode, the clock becomes inactive and the output is disabled. You can use this feature as an Emergency Stop. The clock will not become active again until you have advanced to the normal operating screen.

Normal Operating Screen

The normal operating screen will display the current day and time. When an exercise occurs, "RUNNING" will appear at the bottom of the screen.

By pressing **DSP**, you can view the exercise setting screen. Here you can view the exercise start day, time, weekly interval and duration. Press **DSP** again to go back to the normal screen.