

GT-50 Installation/Operation Manual

The GT-50 is not approved for installation in certified aircraft.

Installation:

Mechanical

Mount the GT-50 in any 2-1/4" instrument hole using four 6-32 screws.

Electrical

The GT-50 is powered by two AAA batteries and your aircraft's electrical system. **The G-Meter function and backlight operate only when aircraft power is applied** to the cable. The batteries keep all other functions active when aircraft power is removed. Remove the screws from the rear cover to gain access to the batteries.

Connecting the cable as follows:

Red: +12-14 Volts

Black: Ground

White: When Power is applied to this wire the backlight dims. We suggest connecting this wire to your navigation light circuit.

Specifications

Input Voltage: 12-14 Volts DC

Dimensions: Fits a Standard 2-1/4" instrument hole. Overall Width and Height 2.375", Depth behind panel 1.4 "

Weight 4.0 oz. With Batteries Installed



Need Help? support@fdatasystems.com or call

(831) 325-3131

Operation:

Modes

The GT-50 has five modes.

PRESS the (Left) **Mode** button the switch between modes.

Accelerometer

The Accelerometer only operates when power is applied to the cable.

PRESS the (Right) **Action** button to display the MAX and MIN G readings.
PRESS the (Center) **Reset** button to clear the MAX and MIN G readings.

Occasionally the GT-50 must be recalibrated if it is not reading one G when in level flight.

Level the instrument then PRESS and HOLD the (Center) **Reset** button to calibrate the accelerometer to one G unit. The button must be held until four dashes "----" appear on the display then released to complete the calibration.

Clock

PRESS the (Center) **Reset** button to set the clock.
PRESS and HOLD the (Center) **Reset** button to switch between 12 and 24 hour clock modes.

PRESS the (Right) **Action** button to adjust the hours or minutes when they are flashing.

Timer

PRESS the (Right) **Action** button to start and stop the timer.

PRESS the (Center) **Reset** button to reset the timer to zero.

Voltmeter

No Button functions in this mode.

Flight Timer

The flight timer automatically runs when there is aircraft power applied to the unit to keep track of your flight time and ground time for your logbook etc.... This mode is designated by a | - symbol in the left most digit location.

PRESS the (Center) **Reset** button to reset the flight timer to zero.