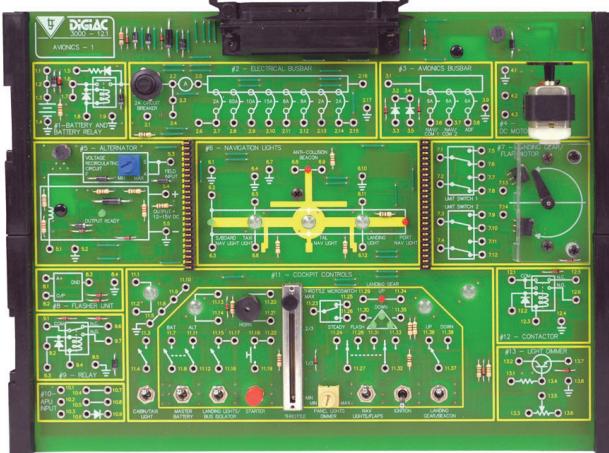


# Product Information Sheet

## Avionics Pack



312-01

This set of Avionics Study Modules provides practical learning activities aimed at the study of circuit applications.

The Avionics study modules are designed to connect to the Advanced Electronics Experiment Platform (300-01) as part of a modular electronics programme.

Using the Advanced Electronics Experiment Platform, a range of faults to be selected and inserted into the study module circuits to develop electronic diagnostic and faultfinding techniques.

Each study module in this pack is supplied with a PDF manual that provides theory materials, practical tasks, faultfinding activities, and technical information.

### Pack Includes the Following Modules:

- Avionics 1 (312-01)
- Avionics 2 (312-02)

### Typical Topics Include:

- Single Engine Aircraft Electrical Systems
- Single Engine Power Distribution Systems
- Single Engine Power Supply Systems
- Cessna Single Engine Electrical Power Systems
- Single Engine Internal Lighting Systems
- Single Engine External Lighting Systems
- Landing Gear Control and Indication Systems
- Flap Control Systems
- Base Unit Practice Session
- Stall Warning Systems
- Take Off Warning Systems 1 and 2
- Temperature Systems Incorporating Nickel Wire Sensors
- Temperature Systems Incorporating Thermocouple Sensors
- Fuel Quantity Measurement Using a Capacitor Bridge
- Fuel Quantity and Fuel Flow Measurement

### Other Items Required:

- 300-01 Advanced Electronics Experiment Platform
- Digital Multimeter
- Dual Trace Oscilloscope

### General Information:

Shipping Volume: Approx 0.006 m<sup>3</sup>  
Shipping Weight: Approx 4 kg

See individual module information sheets for more specific details.

**Order Code: 312-00**

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**For more information visit [www.ljcreate.com](http://www.ljcreate.com)**