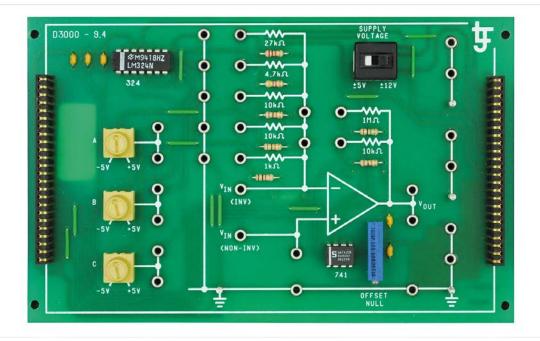
Product Information Sheet

Operational Amplifiers





This electronics study card is designed to connect to the 409-01 Experiment Platform or to the 300-01/300-02 Advanced Electronics Experiment Platforms* as part of a modular electronics programme.

This practical resource introduces students to the principles and applications of operational amplifiers through a wide range of practical activities.

Students are introduced to the operational amplifier through a series of hands-on circuit investigations. This resource is ideal for use within an intermediate electronics program.

The board can be also be used in conjunction with our optional cloud-based software, which offers online practical electronics tasks as well as interactive theory presentations, investigations, and assessments, which link directly to the practical activities carried out using this resource.

Practical Tasks Include the Following:

- The Operational Amplifier
- Inverting Amplifier
- Troubleshooting an Inverting Amplifier
- Unity Gain Voltage Follower
- Non-Inverting Amplifier
- Summing Amplifier
- Troubleshooting a Summing Amplifier

Items Included:

- Circuit Card
- Storage Case
- Manuals in PDF Format on CDROM

Other I tems Required:

- 490-01 Experiment Platform
- 2 Digital Multimeters

or

- 300-02 Advanced Electronics Experiment Platform
- 409-02 Experiment Card Motherboard

General Information:

Dimensions: 50 x 238 x 175 mm

(W, H, D)

Shipping Volume: Approx 0.002 m³ Shipping Weight: Approx 0.35 kg

Order Code: 419-04

^{*} Note: to connect to 300-01, 300-02, D3000 EXP or D3000 VIP2 you will also need a 409-02 Experiment Card Motherboard.