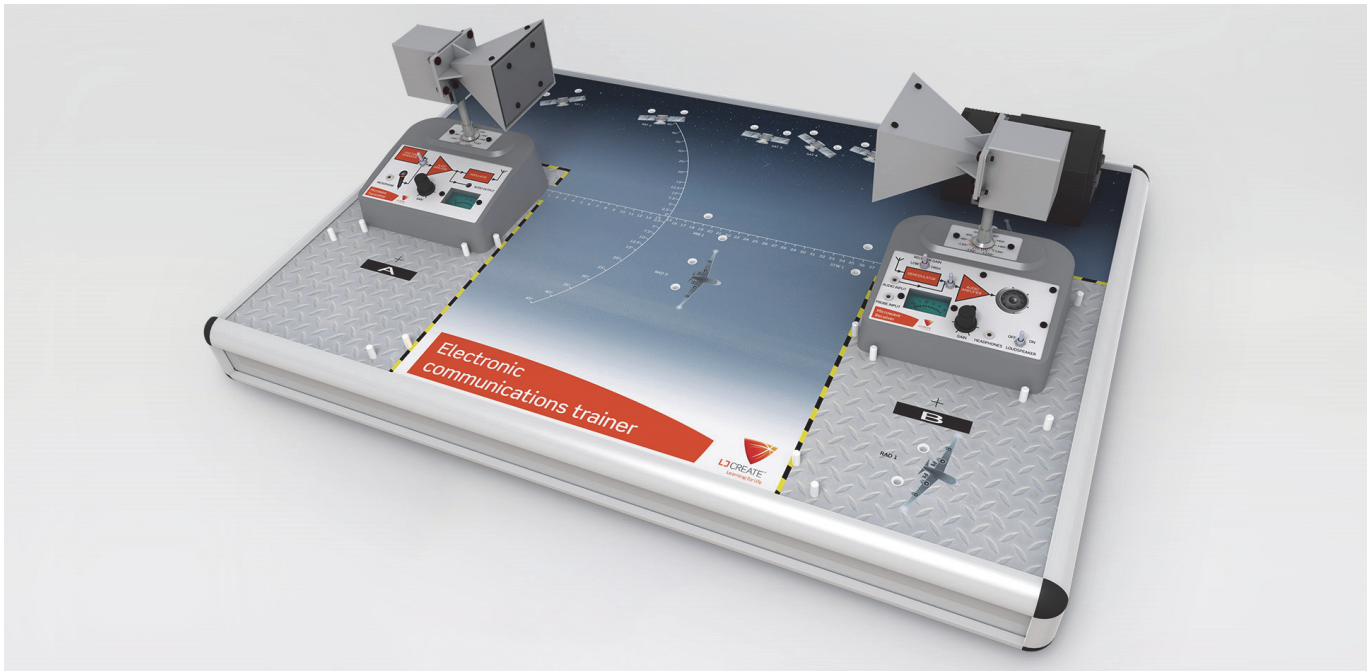


Product Information Sheet

Electronic Communications Trainer



Our STEM learning packages have been designed to provide practical real world problem solving tasks and activities within the classroom or lab environment.

These activities will provide an engaging approach that helps instructors show contextualized linkages between Science, Technology, Engineering, and Mathematics.

Students will have access to hands on learning opportunities within our cloud-based STEM curriculum software packages. This easy to use software also contains theory presentations, virtual investigations, and support materials to underpin the practical tasks.

The Electronic Communications Trainer offers a classroom based resource for investigating microwave communication technology. Students will see how science has played an important role behind the technology and engineering of communication systems. Activities will focus on the transmission and reception of information, and some of the issues these systems face.

This trainer includes access to digital curriculum materials including theory and practical learning tasks.

Typical Practical Activities Include:

- Transmitting and Receiving a Signal
- Microwave Range Demonstration
- Microwave Range and Line of Sight Obstruction
- Broadcast Demonstration
- Satellite Link
- Reflecting and Deflecting Microwaves
- Connections for Electronic Communications
- Microwave Links

Items Included:

- Microwave Trainer Board
- Transmitter and Receiver Units
- Accessory Kit
- Power Supply
- Curriculum in Digital Format

Other Items Required:

- LJ Create Engineering or Technology Content (Optional)
- Computer

General Information:

Packed Volume: Approx. 0.31 m³

Packed Weight: Approx. 23.5 kg

Order Code: 200-01

P8776-B

For more information visit www.ljcreate.com