

AD-01 DC Power Supply (optional)

**Sciencetech AB24 Transformer Coupled Amplifier** is a compact, ready to use Transformer Coupled Amplifier experiment board. This board is useful for students to study and understand the operation and frequency response of untuned & tuned Transformer Coupled Amplifier and study of operational parameters such as voltage gain, and bandwidth of the amplifier.

Sciencetech Analog Electronics Experiment Boards are designed as a comprehensive Modular solution for beginners to explore the fundamentals of a variety of basic building blocks in Analog Electronics. The boards are very user friendly and support self learning through flexibility of making circuit connections. Schematic diagrams on the boards provide easy understating of the concepts. Test points are provided to observe the waveforms/ signals and to measure voltages at different nodes. The boards can be used as standalone unit with external DC Power Supply and Function Generator, or can be used with Sciencetech Analog Labs; Sciencetech 2612/ Sciencetech 2612A / Sciencetech 2613. These labs have built in DC Power Supply, AC Power Supply, Function Generator, Modulation Generator, Continuity Tester, Toggle Switches, and Potentiometers. Product Tutorial with theory, description, explanation, procedure, references and results is available online on [www.SciencetechLearning.com](http://www.SciencetechLearning.com)

### Features

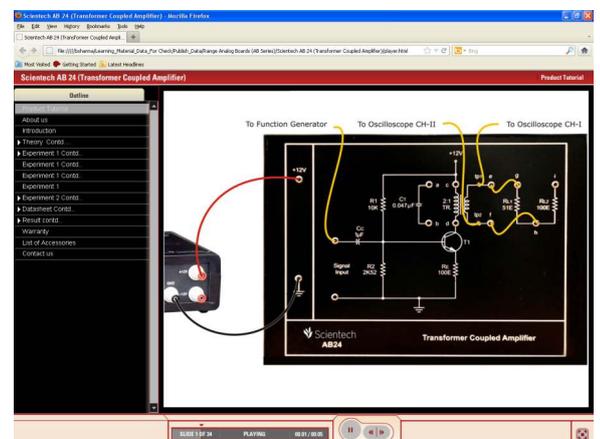
- On board test points to observe signals
- On board schematic diagram
- Flexibility of making circuit connections
- Light weight & compact
- Online Product Tutorial

### Scope of Learning

- Study the frequency response of untuned Transformer Coupled Amplifier.
- Study the frequency response of tuned Transformer Coupled Amplifier.

### Optional

- AD-01 DC Power Supply ( $\pm 12V$ ,  $\pm 5V$ )
- Sintel Analog Electronics Software



Online Product Tutorial