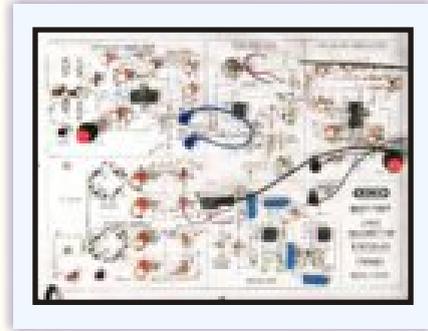




LASER DIODE INTENSITY MODULATION/ DEMODULATION TRAINER

MODEL - LASER101

This trainer has been designed with a view to provide practical & experimental knowledge of Laser Diode Intensity Modulation/Demodulation Trainer.



SPECIFICATIONS

1. Power supply requirement : 230V AC, 50 Hz.
2. Built in IC based power supply.
3. On Board Audio signal generator - Sine wave
Frequency : 1KHz & 2KHz
Amplitude : 0 to 2Vpp.
4. Transmission Source : Fiber Optic LED SFH 450V, 950nm
5. Receiver Source : Fiber Optic Photo diode - SFH 450V, 850nm
6. All parts are soldered on single PCB of size 12" x 9" with complete circuit diagram screen-printed.
9. Standard Accessories : 1. A Training Manual
2. Connecting Patch cords.

EXPERIMENTS

1. To transmit sine wave signal through Laser Diode and observe intensity modulation.

In keeping view of SIGMA policy of continuous development and improvement, the Specifications may be changed without prior notice or obligation.

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