This trainer has been designed with a view to provide practical and experimental knowledge of a general circuit of Laser Fiber Optical Trainer on a SINGLE P.C.B.

### SPECIFICATIONS

1. **Power supply requirement**: 230V AC, 50 Hz.
2. **Built in IC based power supply**.
3. **On Board AF signal generator - Sine wave**
   - **Frequency Range**: 300 Hz to 3.4 KHz
   - **Amplitude**: 0 to 5 Vpp.
4. **Laser Transmitter**: Laser 660 nm
5. **Laser Receiver**: Fiber Optic Photo diode
6. **All parts are soldered on single PCB of size 12" x 9" with complete circuit diagram screen printed.**
7. **Standard Accessories**:
   - 2. Connecting Patch cords.

### EXPERIMENTS

1. **To transmit audio frequency signal through Laser LED.**
2. **To receive audio frequency signal through photo diode detector.**

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