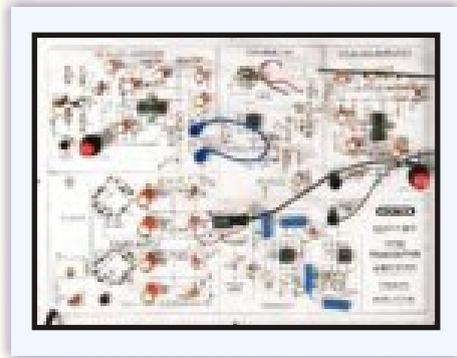




# FIBER OPTIC VOICE TRANSMITTER/ RECEIVER TRAINER

MODEL-FOT101V

This trainer has been designed with a view to provide practical & experimental knowledge of a general circuit of voice link - fiber optic kit.



## SPECIFICATIONS

1. Power supply requirement : 230V AC, 50 Hz.
2. Built in IC based power supply.
3. Transmitter Board : Fiber Optic LED - 660nm  
On Board Input Audio amplifier with Volume control for modulating external signal from Mike or Tape recorder.
4. Receiver Board : Fiber Optic Avalanche Photo diode (APD).  
On Board Output Audio amplifier with speaker & Volume Control.
5. All parts are soldered on single pin TAGS on single PCB of size 12" x 9" with complete circuit diagram screen printed.
6. Standard Accessories :
  1. A Training Manual.
  2. Connecting Patch cords.
  3. Fiber Optic Cable 10mtr.

## EXPERIMENTS

1. To transmit voice frequency signal through Fiber optic LED.
2. To receive voice frequency signal through photo diode detector

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

**Sigma Trainers and Kits**  
E-113, Jai Ambe Nagar,  
Near Udgam School,  
Thaltej,  
AHMEDABAD - 380054.  
INDIA.

**Phone(O): +91-79-26852427/ 26850829**  
**Phone(F): +91-79-26767512/ 26767648**  
**Fax : +91-79-26840290/ 26840290**  
**Mobile : +91-9824001168**  
**Email : sales@sigmatrainers.com**  
**: sigmatrainers@sify.com**  
**Web : www.sigmatrainers.com**

**Dealer:-**