

# FIBER OPTIC TRAINER

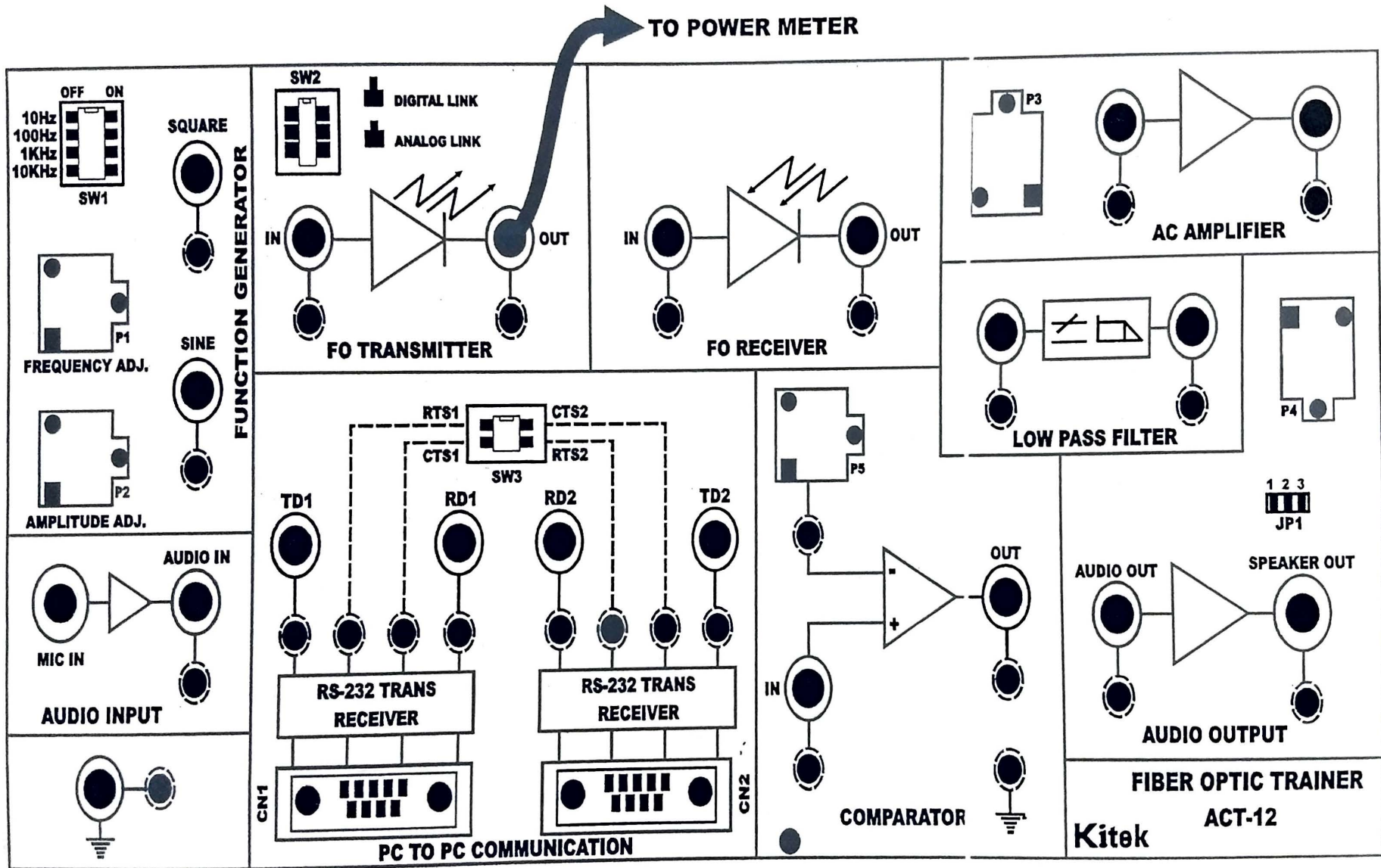
## EXPERIMENT 4 MEASUREMENT OF OPTICAL POWER USING OPTICAL POWER METER

### Objective :

To objective of this experiment is to measure optical power using optical power meter.

### Procedure :

1. Connect the power supply to the board.
2. Ensure that all switched faults are in the normal position.
3. Make the following connections as shown in diagram 9.
  - a. Connect the 1 meter fiber optic cable between emitter's output & power meter.
4. On the board, switch emitter's driver to analog mode.
5. Switch ON the power.
6. Keep the power meters wavelength selector switch in 660 nm.
7. Switch ON the power supply.
8. Note that reading displayed in power meter.
9. Switch the wavelength selector switch to 950nm position.
10. Again note the reading displayed on power meter.



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DIAGRAM-9

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