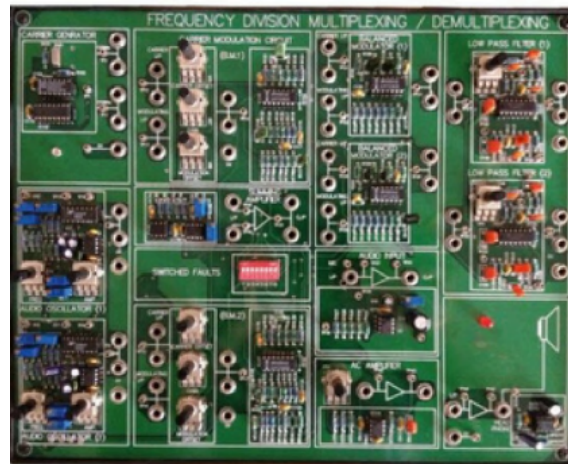


## FDM MODULATION / DEMODULATION TRAINER

ProductCode: GKE438



### Technical Specifications:

- Channel: Two channel FDM with One channel audio
- Carrier Generators: Two Carrier Generators
- Modulation Input Frequencies: Two separate Sine Waves (a) 1 KHz (b) 10KHz (of variable Freq. & variable amplitude). Modulators: Two DSBSC
- Demodulators: Two DSBSC modulators
- Filters: Two separate fourth order low pass butter worth Filter with Cut off freq of 10KHz
- Test Points: -46nos.
- Interconnections: 2/4mm Bananasocket
- Power Requirement: - 230 + 10%, 50Hz AC
- Accessories Detailed Instruction Manual, One Micro phone, One Head phone, Set of 12 patch cards, Multimedia interactive computer based training manual & software.
- Experiments -
  - Two Channel FDM with one channel as audio.
  - Study & demonstrate the carrier generation, AM, DSBSC Modulation.
  - Study DSBSC demodulation