

**Product Name :**  
Mobile Communication Trainer

**Product Code :**  
EEN0029



**Description :**

Mobile Communication Trainer

**Technical Specification :**

Mobile Communication Trainer

- Display : 16 character x 2 lines
- keyboard : 4 lines x 4 columns

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- DTMF ( Dual Tone multi Frequency ) : Telephone tone generator and 2 Band filter decoder
  - DSP IC :
  - it generates DTMF signal
  - it uses the keyboard for data input
  - it shows the number selected on the display
  - PIC IC manages : Display, Keyboard and Calls
  - Built in loudspeaker with adjustable power amplifier
  - Selections : Dialing, incoming Call answer and Radio channel
  - Channel coding :
  - PCM ( Pulse Code Modulation )
  - 8 KHz sampling frequency
  - baud rate of 64 kb/s
  - TDMA Frame : 4 user time slots, 1 synchronism time slot, Time slot display
  - Smoothing Filter
  - UHF Transmitter and Receiver :
  - 4 selectable channels by PLL circuit
  - RF channel frequency : 2400 to 2481 MHz
  - In/Out Impedance : 50?
  - Transmitter Output RF Power : ?10 dBm
  - Channel noise simulator
  - Channel Attenuation simulator
  - 2 stylus Antennas
  - Compact and strong metal box including :
  - lift able cover with block diagram
  - Electronic components and power supply
  - Fault simulator : protected with key locked cover and including 10 faults insertable by switches

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- Cable and Microphon

## Civil Mechanical India

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