

**Product Code . JL-CT-1508**

## Differential Pulse Code Modulation and Demodulation Trainer



### Description

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#### Differential Pulse Code Modulation & Demodulation Trainer

##### Features:-

**The board consists of the following built-in parts :**

5V D.C. at 100mA IC regulated power supply internally connected

±12V D.C. at 100mA IC regulated power supply internally connected

-5V D.C. to + 5V D.C. Variable D.C. output

Audio Frequency Oscillator 10Hz to 100Hz for modulation

DPCM Modulator (DPCM ENCODER)

DPCM Demodulator (DPCM DECODER)

Adequate no. of other electronic components

Mains ON/OFF switch, fuse and jewel light

The unit is operative on 230V ±10% at 50Hz A.C. Mains

Adequate no. of patch cords stackable from rear both ends 4mm spring loaded plug length ½ metre

Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections /observation of waveforms

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Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References

**Other Apparatus Required:-**

Dual Trace Cathode Ray Oscilloscope 20MHz

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