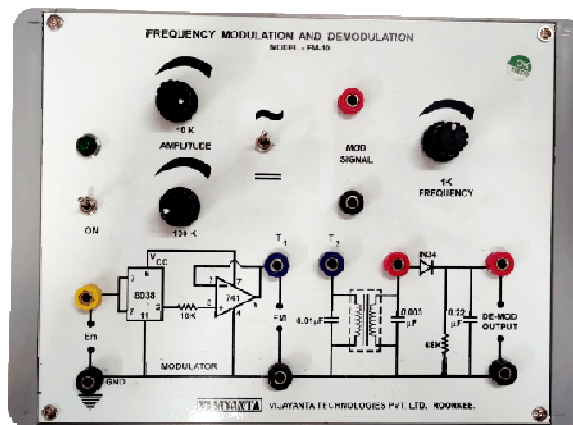


STUDY OF FREQUENCY MODULATION AND DEMODULATION, MODEL : FM - 10.



FEATURES :

- ** Builtin Regulated and short circuit proof ± 12 Volt I.C. Power Supply suitable to the experimental board.
- ** Circuit is engraved and components are mounted on the top of the decorated bakelite sheet to facilitate better and clear understanding.
- ** A complete working manual containing theory, circuit details and operating instruction provided.
- ** Stackable type connecting leads suitable to the terminals are supplied with the board for easy inter – connections and longer working life of the terminals.
- ** Carrier and Modulating signal of variable amplitude and frequency are builtin.
- ** Variable DC is provided to see the frequency deviation in carrier frequency.
- ** Weight : 2 Kg Approximately
- ** Dimension : 210mm \times 280mm \times 82mm

EXPERIMENTS :

1. Study of the process of Frequency Modulation (FM) and the Measurement of Modulation index.
2. Frequency response curve of the slope detector.
3. Study of Frequency demodulation process.

VIJAYANTA TECHNOLOGIES PVT. LTD.

(Formerly Vijai Electronics)

Dr. Baldev Singh Marg 28/147 Civil Lines, Roorkee-247667 Distt. Haridwar, Uttarakhand

Phone No.: 01332 – 272509, 7579200827

E-Mail : vijayantatechologies@gmail.com, vijaielectronics1965@gmail.com

OTHER APPARATUS REQUIRED :

1. A. F. Oscillator, Model – 712.
2. A.C. Millivoltmeter, Model – ACM – 536. (With builtin 1 KHz Oscillator)
3. Dual Trace C.R.O., Model – 201. (“Sciencetech” make.)
4. Spectrum Analyzer. (Optional)
5. Frequency Counter. (Optional)

Note: There may be any change in specification due to continuous R & D without notice.

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