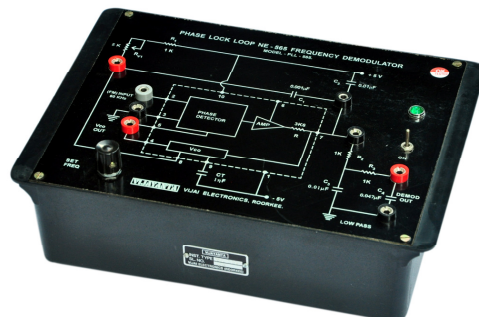


PHASE LOCKED LOOP NE - 565 FREQUENCY DEMODULATOR, MODEL : PLL - 565.



FEATURES :

- ** Circuit is engraved on a decorated bakelite sheet to facilitate better and clear understanding.
- ** A complete working manual containing theory, circuit details and operating procedure is supplied with the experimental board.
- ** Builtin regulated and short circuit proof Power Supply (-5 Volt to +5 Volt) for I.C. - 565.
- ** Stackable type connecting leads are supplied with the experimental board for easy and perfect inter connections.
- ** The I.C. - 565 is used which is very popular for frequency demodulators and tracking applications. It has builtin VCO which can be scanned through fraction of a hertz to nearly 50, KHz.
- ** A Potentiometer knob are also provide to change or adjust the free running frequency.
- ** ON - OFF switch are also provided with neon lamp indicator on the experimental board.
- ** Sockets are provided to measure voltage at different points.
- ** **Weight : 2 Kg** Approximately
- ** **Dimension : 210mm × 280mm × 82mm**

EXPERIMENTS :

To study of PLL - 565, i.e. of free run frequency, maximum frequency, capture range and lock in range. as Frequency demodulator.

OTHER APPARAUTS REQUIRED :

1. Frequency Modulator (Carrier ~ 60 KHz)
2. Frequency Counter.
3. A General Purpose Dual Trace C.R.O

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

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