

VIJAYANTA

VIJAI ELECTRONICS
28/147, CIVIL LINES
ROORKEE - 247667



TRANSISTORISED EMITTER FOLLOWER / DARLINGTON **PAIR AMPLIFIER, MODEL - FD - 10.**

FEATURES :

- ** Regulated and short circuit proof power supply suitable to the experimental board is builtin.
- ** 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 supplied with the experimental board.
- ** Stackable type connecting leads suitable to the terminals are supplied with the board for easy inter - connections and longer working life of the terminals.
- ** Use of Power Transistor in the output stage which ensures safe working for large currents.
- ** Appropriate potentiometers for measurement of input and output impedance.



EXPERIMENTS :

1. Measurement of input and output impedance and current and voltage gain of a single stage emitter follower.
2. Measurement of above quantities for a Darlington Pair Amplifier with boot strapped biasing network and compare them to those for emitter follower.

OTHER APPARATUS REQUIRED :

1. A General purpose C.R.O.
2. Audio Frequency Oscillator, Model - 712.
3. Digital Multimeter.