

OMEGA TYPE LTB-888 Teachbook are compact and user friendly learning platform learning material which covers basic theory, step by step procedure to conduct the experiment and other useful information.

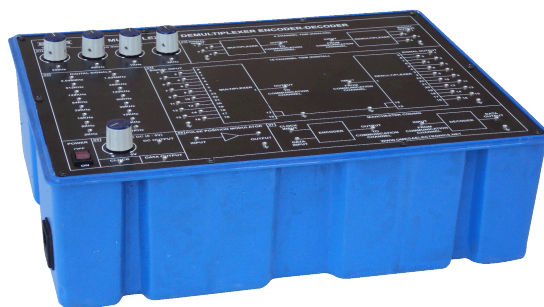
Multiplexer-Demultiplexer and Encoder-Decoder LTB-888 provides all necessary inputs and connections for students to study Analog Time Division Multiplexing / Demultiplexing, Digital Time Division Multiplexing/Demultiplexing of signals, Pulse Position Modulation and Manchester Encoding / Decoding techniques LTB-888 can be used independently.

FEATURES:

- 01 Functional blocks indicated on board mimic.
- 02 Crystal Controlled clock.
- 03 On board sine wave and Digital Signal Generator.
- 04 4-Channel Time Division Multiplexing / Demultiplexing. (Analog)
- 05 16-Channel Time Division Multiplexing / Demultiplexing (Digital).
- 06 Manchester Coding and Decoding.
- 07 Pulse Position Modulation

OBJECTS:

- 01 Study of 4 channel analog time division multiplex signal.
- 02 Study of 4 channel analog time division demultiplex signal.
- 03 Study of 16-channel analog time division multiplexing/ demultiplexing.
- 04 Study of pulse position modulation.
- 05 Study of Manchester coded/decoded output.



TECHNICAL SPECIFICATIONS:

Function Generator

- 01 Crystal Frequency : 4.096 MHz
- 02 Analog Signals : 4 Nos
- 03 Digital Signals : 16 Nos
- 04 On Board Analog Signals : 250 Hz, 500 Hz, 1 KHz, 2KHz (Adjustable Amplitude)
- 05 On Board Digital Outputs : 16 Square wave frequencies 1 KHz -2 MHz)
- 06 Modulation : Pulse Position Modulation
- 07 Multiplexing : Time Division Multiplexing (4 Channel Analog and 16 Channel Digital)
- 08 Coding : Manchester Coding and Decoding
- 09 Interconnections : 4mm sockets
- 10 Power Supply : 230 V, 10%, at 50 Hz
- 11 Power : 2 VA approximately
- 12 Weight : 3.600 Kg approx.
- 13 Dimensions (mm) : W 415 × D315 × H 165

LIST OF ACCESSORIES:

- 01 Patch cord 2mm length 50cm Red09
- 02 Patch cord 2mm length 50cm Black.....09

We are committed to the continuous development of our products, and therefore reserve the right to amend specifications without prior notice

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