

Product Name :
DSB/SSB AM Transmitter Trainer for Communication Teaching Labs

Product Code :
COM-TR-01



Description :

DSB/SSB AM Transmitter Trainer DSB/SSB AM Transmitter Trainer - Internal 300Hz to 3.4KHz Sinewave generator. 2 Nos. of balanced modulator with band pass filter (1MHz) & 1 No. of balanced modulator (455KHz). Ceramic band pass filter, Carrier Frequency of 1MHz. Audio output amplifier with speaker. compact and user friendly learning platforms to provide a modern, portable, comprehensive and practical way to learn Technology. Each TechBook is provided with detailed Multimedia learning material which covers basic theory, step by step procedure to conduct the experiment and other useful information.

AM Transmitter is a comprehensive learning solution specifically designed to study basic operation as well as to provide conceptual and step by step understanding of DSB/SSB Amplitude modulation and transmission system through measurement of voltages and observation of waveforms at various test points. Block wise modular organization of circuit function with supporting technical information makes it easy to understand the process of AM generation and transmission. The exercises conceived to provide a practical approach to the subjects enable a deep analysis of the subjects and will guide the students to understand each function.

A self contained TechBook

Functional blocks with self explanatory waveforms and technical details indicated on board

Oscillator controlled carrier frequency

LED indication for signal flow and selection

More than 25 nos. gold plated test points for waveform observation and analysis

8 Switched faults for troubleshooting at different functional blocks

Telescopic antenna for transmission of AM signal

On board audio jacks provided for Microphone and Earphone connection

On board Speaker provided for audio communication

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