



OMEGA TYPE DB-27 This Trainer has been designed with a view to provide practical and experimental Knowledge of general circuit of PA (Public Address) System Trainer on Single P.C.B. of size 11¼ x 15¼".

Practical experience on this Trainer carries great educative value for Science & Engineering Students.

OBJECT

To study the circuit & operation of a PA system and observe various intermediate waveforms.

FEATURES

The P.A. System Trainer consists of :

- 01 The complete circuit of a public address amplifier is printed on a single PCB.
- 02 All part are soldered on PCB.
- 03 Explanation, Observation, Alignment and adjustment of internal and external control possible due to single PCB.
- 04 Easy identification of different parts is possible at a glance.
- 05 Easy measurement of voltages and observation of waveforms at any point. Also typical voltages and waveforms are provided.
- 06 A manual having practical detail is provided with the trainer.
- 07 The whole circuit of public address amplifier is explained sectionwise in the manual.

TECHNICAL SPECIFICATIONS :

- 01 Signal to noise ratio : 60 dB.
- 02 Frequency response : 100 Hz to 15000 Hz.
- 03 Amplifier with two mic. inputs.
- 04 One mic. & One Aux. inputs.
- 05 Power supply : 220V AC 50 Hz.
- 06 Power Output : 80 Watt RMS Max.
- 07 Tone control : Bass, Treble.
- 08 Audio Monitoring Indicators.
- 09 Output Tap for speaker matching : 4,8 & 16 Ohms.
- 10 Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections / observation of waveforms.
- 11 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book Reverences
- 12 Weight : 16 Kg. (Approx.)
- 13 Size : W415XH165XD315.

LIST OF ACCESSORIES

- 01 Three Mic. with lead & connector.
- 02 One speaker 4 Ohm, 30 Watt provided for normal operation. For loud Voice use higher watt speaker.

OTHER APPARATUS REQUIRED:

- 01 Digital multimeter OMEGA TYPE DMM-201.
- 02 Dual Trace CRO 20MHz OMEGA TYPE CRO-20

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

OMEGA ELECTRONICS

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