

Product Name :
Stereo Tape Recorder Trainer

Product Code :
NLAB-ELECTRONICSAB210010



Description :

Stereo Tape Recorder Trainer

Technical Specification :

Stereo Tape Recorder Trainer is ideal equipment to teach the operation of stereo recording and stereo cassette playing function. The comprehensive study of Tape record and Mechanism unit technique is described in the operating manual. One of the main features of this trainer is fault simulation. The fault created in the trainer in no way damages the trainer.

Technical Specifications

Amplifier Type : Class B amplifier

Audio Power Output : 14 W (7 W — 2 channels)

Frequency Response : 100 Hz to 8 KHz

Tape Speed : 4.75 cm / sec

Erase Head : Fix magnet

RP Head : YBBT 62 (Stereo)

Mechanism : R X 39

Motor : CCW 12 V DC

Circuit Block : Pre amplifier CH-L & CH-R

Bass - Treble CH-L & CH-R

Output amplifier CH-L & CH-R

Equalization CH-L & CH-R

Output level indicator section

Power supply section

Panel Control : Volume CH-L & CH-R

Bass CH-L & CH-R

Treble CH-L & CH-R

Mechanism Control : Record, Play, Reverse, Forward, Stop, Pause

Recording Facility : Condenser Mic and EP socket for feeding external signal

PCB Size (mm) : 260 — 230

No. of faults : 15

No. of Test point : 42

Power Supply : 220 V ± 10 %, 50 Hz / 60 Hz on request

Power Consumption : 8.17 W (approx.)

Compact design

Fault creation and diagnosis

42 Test Points

More than 15 faults can be demonstrated on this trainer

No soldering and de-soldering is required to simulate faults

The main IC's are provided on socket to provide a facility to check similar IC' and also to create the faults by inserting faulty IC's in the sockets

Test points detail with typical voltage and wave forms are provided in the manual

In built power supply

Two identical mono channels clubbed together to obtain stereo effect through stereo head Both internal and external recording facility available

Recording process understood through LED indicator present in equalization section

8P-2W R/P switch mechanism planed widely through 16 nos 1P-2W toggle switches

Separate bass/treble section to understand the effect of low frequency as well as high frequency signal

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