



VIDEO DVD/CD PLAYER TRAINER

MODEL - DVD100

This trainer has been designed with a view to provide practical and experimental knowledge of a general circuit of Video DVD Player on SINGLE P.C.B.



FEATURES

- ❖ The complete circuit of a DVD Player is printed on single PCB.
- ❖ The digital signal processing section is in assembled open out PCB.
- ❖ Explanation, Observation, Alignment and adjustment of Internal and external controls is possible due to single P.C.B.
- ❖ Easy identification of different parts and Mechanism at a glance.
- ❖ Easy measurement of voltages and observation of waveforms at any point. Also typical voltages and waveforms are provided.
- ❖ A manual having practical detail is provided with the trainer.
- ❖ The whole circuit of the Video DVD/CD Player is explained section wise in detail in the manual.

SPECIFICATIONS

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| 1. Power supply | : 230V Ac, 50Hz. |
| 2. Function switches | : Play/pause, Forward, Rewind, Stop. |
| 3. Display | : Program, time and track status. |
| 4. Audio output | : 10 W PMPO (5W x 2 Channels) |
| 5. CD Format | : Audio CD, MP3 CD, VCD 2.0/3.0., DVD 1.0 |
| 6. Remote Controls | : Play/pause, Forward, Rewind, Stop, Program Select/ Repeat, Skip forward, Skip reverse Open/Close, tracks select. |
| 7. Distortion | : 5 to 10% for expanded P.C.B. |
| 8. Outputs | : Audio Out, Video Out |
| 9. Test Points | : 5 Nos. |
| 10. Faults | : 5 Nos. |
| 11. The parts are soldered on SINGLE PCB with complete circuit diagram screen printed. | |
| 12. Books for Audio video Engineering | : 20 Nos in pdf Format |
| 13. Mp4 Video Class for Audio video Engineering | : 40 Classes in Mp4 on Pen Drive |
| 14. Standard Accessories | : 1. CDs: Video DVD - 1 No., Audio CD - 1 No., Mp3 CD- 1No.
2. Remote Controller - 1 No.
3. A manual having practical details - 1 No. |

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Dealer:-

EXPERIMENTS

1. To study Block diagram and Working principle of DVD Player.
2. Introduction to basic theory of DVD Player system
3. To Observe voltages and waveforms of different test points.
4. To Observe different Faults.
5. To understand circuit diagrams