DVD PLAYER TRAINER
with Built-in 7-Inch TV Display
MODEL - DVD100N

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 Player is explained section wise in detail in the manual.

SPECIFICATIONS

1.	Power supply	:	230V AC, 50Hz.
2.	Function switches	:	Play/pause, Forward, Rewind, Stop.
3.	Display	:	Program, time and track status.
4.	Screen	:	7“ SVGA LCD
5.	Inputs	:	Audio/Video Inputs - RCA sockets
6.	Laser	:	Semiconductor Laser (780nm)
7.	Frequency Range	:	5-20000 Hz.
8.	TV System	:	PAL and NTSC
9.	Modulation	:	EFM
10.	Quantization	:	16 bit Linear.
11.	CD Format	:	Audio CD, VCD 2.0/3.0.DVD1.0
12.	Outputs Sockets	:	Audio Out, Video Out
13.	Remote Controls	:	Play/pause, Forward, Rewind, Stop, Program Select.
14.	Faults	:	5 Nos.
15.	**Books for Audio video Engineering**		**: 10 Nos in pdf Format**
16.	**Mp4 Video Class for Audio video Engineering**		**: 40 Classes in Mp4 on Pen Drive**
17.	Standard Accessories	:	1. CDs DVD - 1 No., Audio CD - 1 No. 2. A manual having practical details - 1 No.

Sigma Trainers and Kits
E-113, Jai Ambe Nagar,
Near Udgam School,
Thaltej,
AHMEDABAD - 380054.
INDIA.

Phone(O): +91-79-26852427/ 26850829
Phone(F): +91-79-26767512/ 26767648
Fax : +91-79-26840290/ 26840290
Mobile : +91-9824001168
Email : sales@sigmatrainers.com
: sigmatrainers@sify.com
Web : www.sigmatrainers.com

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