

DVD & CD PLAYER TRAINER (Region 2)

The **ED-845** DVD & CD Player Trainer is an educational instrument designed for the theoretical/practical study of the workings of a DVD & CD player, as well as the operation of DVD-format digital video and audio signals, and digital audio in CD format. The functional structure of the equipment enables its internal composition to be observed, the various signals involved in its operation analysed by means of a block diagram and faults introduced, all in order to aid the student learn diagnostic methods and how to locate breakdowns.

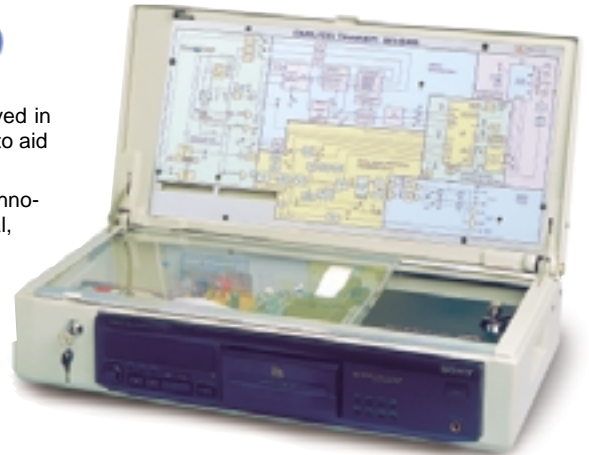
The trainer includes a DVD & CD player using the latest digital signal processing technology, and offering the best features found on the market today. In the training Manual, the theoretical aspects and the description of the circuits are also included basic that compose the equipment.

The instrument is backed up by extensive documentation (which includes a Training Manual, Teacher's Manual and Technical Documentation Manual), a Test DVD disk, a Test CD disk*, an infra-red remote control (batteries included) and an audio/video connector cable.

Using the block diagram, which shows the generic structure of a DVD & CD player, the student can access the main signals involved. The block diagram consists of the following stages:

- Optical Unit (Pickup)
- RF Block
- Servosystems
- Drivers
- Digital Processor
- Video Processor
- Audio Processor
- System Control
- Keyboard, Remote Control, Display
- Power Supply

The breakdown simulator enables malfunctions to be introduced into the DVD & CD player, thereby simulating a large number of real breakdowns.

ED-845

SPECIFICATIONS

Signal Format: PAL/NTSC (without transcoding)

Disk Player: DVD VIDEO, CD VIDEO, CD AUDIO

Outputs: Coaxial Digital Out, Audio Line Out, Video Line Out, Euroconnector, S Video

Disk player: DVD VIDEO, VIDEO CD and AUDIO CD

Outputs: Digital Out Coaxial, Line Out Audio, Line Out Video, Euroconector, S Video

Digital audio outputs: DTS, Dolby Digital, MPEG

Fault simulator

The simulator of failures manipulates electrical points of the DVD allowing to cause a large number of failures.

DOCUMENTATION CD-ROM INCLUDED (Except Theory Manual and DVD Operating Manual)

- User's Manual
- Training Manual
- Teacher's Manual
- Technical documentation Manual

ACCESSORIES INCLUDED

- Remote control
- Test DVD disk*
- Test CD disk
- Connection cables

* (In German)

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