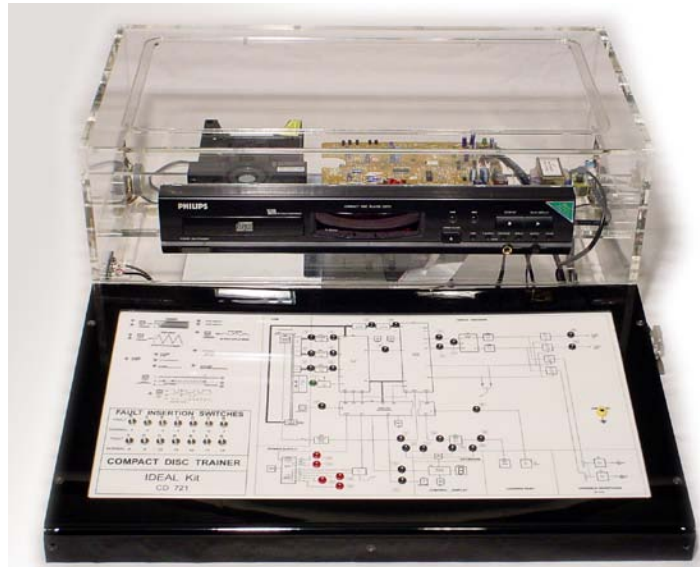


CD – 721 | COMPACT DISK TRAINING UNIT

TECHNICAL DESCRIPTION:

The CD-721 training unit is an ideal educational system for the CD Player technical course, enabling the hands-on training of students in how to control, measure and troubleshoot a malfunction

The system is placed inside a transparent plexi-glass cabinet 8mm thick (total dimensions in cm 25H X 61W X 67D) providing the possibility of the observation of all the CD Player's circuits as well as the instructor's intervention - when needed - through specially designed inputs of the unit.



At the front side of the unit there is a panel (dimensions in cm 61W X 34D) with the circuit (block) diagram of the CD. Throughout the most suitable parts of the CD Player's circuit are the test points of the CD system for connecting various instruments (oscilloscopes, etc) for the acquisition of the necessary waveforms.

There is also a number of switches for the introduction and restoration of various malfunctions by the instructor.

This training unit of CD has 31 test points and can present 14 malfunctions in its basic circuits.

The main power supply of the unit is controlled by a key-switch. The CD functions selection is done by the remote control.

With the CD trainer the following subjects can be covered:

The control programs of the CD – The HF circuits – The servo circuits (Focus/Radial/Sledge – SERVO) – The turntable control circuits – The tray motor control circuits – The DAC converter circuits – The control / display circuits – The power supply circuits

TECHNICAL SPECIFICATIONS:

- Input power 220-240VAC / 50Hz
- Audio amplifier
- 30 Tracks programming
- SHUFFLE and REPEAT operation
- Bitstream D/A conversion

The unit is accompanied by:

- A remote control
- All the necessary (cables, connectors)
- Books:
 - * Theory and Experimental manuals (Teacher's and Student's).
 - * Instruction & operating manual.
 - * CD service manual

NECESSARY INSTRUMENTS :

- Oscilloscope 20MHZ at least
- Digital multimeter