



EV-830 / EP-834

VIDEO CASSETTE RECORDER TRAINING SYSTEM

The **EV-830** video trainer is a teaching equipment intended for training Professional students in an easy and enjoyable manner, which makes them possible to assimilate the operation and the repair techniques of VHS video equipment. It is accompanied by extensive documentation which includes User's Manual, Training Manual, Block Diagrams and Technical Documentation.

The **EV-830** has been designed on a multifunctional support which aids the analysis of the most important electric signals in the different modes of operation of the video, the inspection of all the movements of the mechanical elements and the simulation of the most frequent faults. Under the upper cover of the equipment, there are block diagrams of the video with a large number of test points which allow the visualisation and monitoring of the different electric signals in any mode of operation. All the test points are protected against possible accidental short-circuits.

The units can be stacked with the rest of the range and in their rest position they can be used as domestic desktop instruments.

EV-830



VIDEO RECORDER-PLAYER

The **EV-830** incorporates a video recorder manufactured with the most advanced technology, equipped with a high level of features and with a wide diffusion on the market. From among its characteristics we can highlight:

- PAL system
- Automatic tuning
- Two heads
- Self-cleaning
- Auto-tracking digital
- Euroconnector
- Frame-by-frame and pause
- Automatic System for failure detection

BLOCK DIAGRAMS

The block diagrams consist of the following functional modules, each with the test points of the most important electric signals involved in its operation:

- Tuning

- Video
- Sound
- Servosystems
- Control System
- Power supply

FAULT SIMULATOR

The fault simulator manipulates electric points of the video, allowing a large number of test points to be simulated.

DOCUMENTATION CD-ROM INCLUDED

- User's Manual
- Training Manual
- Electric diagrams and Technical Documentation

DOCUMENTATION CD-ROM INCLUDED

- Video Pattern Tape
- Connection cables

AMPLIFIER TRAINING SYSTEM

EP-834



The **EP-834** has been designed from a high end power amplifier equipped with the most advanced technology and design.

From among its characteristics we can highlight:

- DIN power output (4Ω at 1 kHz): 70 W + 70 W
- Protection against short circuits
- Tone control: bass and treble
- Loudness control
- Balance adjustment
- Subsonic filter
- 6 audio inputs
- Source Direct (to listen directly to the input signal)
- Tape monitor
- EON-LINK connection (switch to EON programme with RDS broadcast stations)
- Headphone output
- Non-vibration chassis
- Total harmonic distortion: less than 0.008% (at 10 W output)
- Frequency response:
 - PHONO (20 Hz - 20 kHz): RIAA equalisation curve ± 0.5 dB
 - TUNER, CD, AUX, TAPE1/DAT, TAPE2/MD: 7 Hz - 70 kHz ± 0.3 dB
- S/N ratio
- PHONO: 80 dB
- TUNER, CD, AUX, TAPE1/DAT, TAPE2/MD: 105 dB

BLOCK DIAGRAMS

The block diagrams consist of the following functional modules:

- Input signal source
- Input signal source control
- Equalisers
- Loudness filter
- Power section
- Speakers protections
- System control
- Power supply

Each one of the functional sections have several test points which permit the analysis and monitoring of the main electrical signals of the amplifier. Safe to operate, all the test points are protected against possible accidental short-circuits.

FAULT SIMULATOR

The fault simulator manipulates electric points of the amplifier, allowing to simulate a large number of real faults.

ACCESSORIES AND DOCUMENTATION INCLUDED

- User's Manual
- Training Manual
- Electric diagrams and Technical Documentation
- Speakers
- Loads
- Remote control