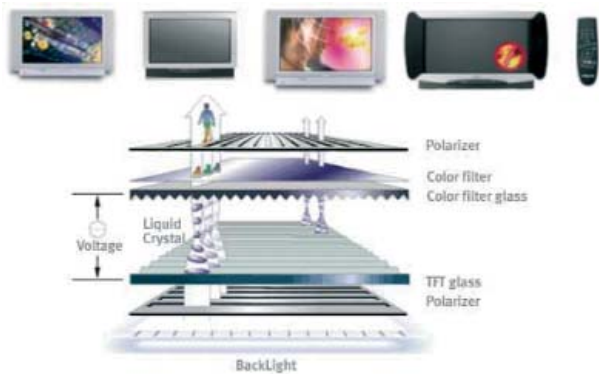


FLAT SCREEN TELEVISION TRAINER

The **ET-892** is a suitable equipment for the learning of the flat screen television sets operation equipped with TFT-LCD and Plasma technology that allows the student to become familiar with the more advanced technological innovations, as well as in the audio reception by means of stereo/dual through analogue (Zweiton) and digital (Nicam) systems. The trainer includes a failures generation module.

The **ET-892** block diagram shows through an intuitive way the different stages that compounds the flat screen receiver.



With a wide number of test points, makes possible a thorough analysis and tracking of the electrical signals in the different blocks from the receiver.

All the points of test are protected against accidental short-circuits. By means of the failures module it is possible to simulate the more frequent failures than they can take place in the receiver in order that the student learns to carry out methods of diagnosis and trouble-shooting.

Specially attention has been dedicated to develop a fully functional design with a small size.

SPECIFICATIONS

TV TFT-LCD RECEIVER

- Screen size 20"
- 4:3 format
- Resolution: 640x480 pixels
- TV systems: PAL B/G/I/D/K and SECAM B/G/D/K/L/L'
- Scart connector
- Two A/V outputs: SVHS, L/R and Video
- Audio Output: L/R Out
- Earphone output
- PC connexion: VGA connector and audio mini-jack connector
- Audio analogue Zweiton system (PAL G)
- Audio digitalis system NICAM (PAL G)
- Teletext
- On Screen Display (OSD)
- Remote Control by IR

BLOCK DIAGRAM

The block diagram is made up of the following functional module:

- Power supply
- IF and Demodulador
- Video Processing

- Audio Processing
- System Control
- Inputs/Outputs
- Climbing circuit

FAILURES SIMULATOR

A set of microswitches allows to cause a wide number of real failures on the TV receiver.

DOCUMENTATION INCLUDED (IN CD-ROM)

- Training Manual
- Teacher's Manual
- Exercises Manual
- Technical Documentation and Circuits Description Manual

ACCESSORIES

- Remote control
- Batteries (Two R6 AA units)
- Scart connector cable