ER-832

RADIO TRAINING SYSTEM

The **ER-832** has been designed from a stereo radio tuner equipped with the Radio Data System (RDS) and with the most advanced reception circuits. From among its characteristics we can highlight:

- Radio Data System (RDS). Incorporated functions:
  - Name of the broadcast station
  - Alternative Frequency (AF)
  - Current Time display (CT)
  - Broadcast station search according to program type (PTY)
  - Digital signal level meter (display range from 16 to 70 dBmV)
  - Frequency range (FM, MW, LW)
- FM: 87.5 – 108 MHz
- AM: 522-1611 kHz, 144-288 kHz
- 30 pre-set memories
- Direct tuning through frequency introduction
- Automatic broadcast station search
- Automatic alphabetical ordering of the broadcast stations
- Menu selection system
- Display personalization

BLOCK DIAGRAMS

The block diagrams consist of the following functional modules:

- AM radio-frequency input section
- AM intermediate frequency amplifier
- AM oscillator and mixer section
- AM detection
- PLL synthesiser and frequency divider
- FM radio-frequency input section
- FM intermediate frequency amplifier
- FM oscillator and mixer section
- FM demodulator
- Multiplex decoder
- RDS demodulator
- Output section
- System control
- Automatic tuning system and memories section
- Audio section
- Power supply

Each one of the functional sections has several test points which permit the analysis and monitoring of the main electrical signals of the tuner. All the test points are protected against possible accidental short-circuits.

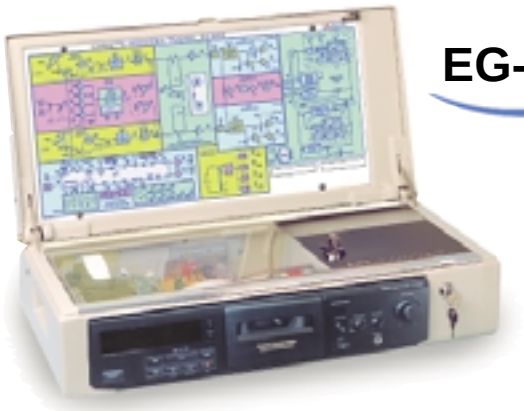
FAULT SIMULATOR

The fault simulator manipulates electric points of the tuner, allowing to simulate real faults.

ACCESSORIES AND DOCUMENTATION INCLUDED

- User's Manual
- Electric diagrams and Technical Documentation
- Auto-amplified speakers
- AM Antenna
- FM Antenna
- Connection cables

EG-833



CASSETTE RECORDER TRAINING SYSTEM

The **EG-833** has been designed from a stereo cassette deck equipped with DOLBY B and C noise reduction systems. From among its characteristics we can highlight:

- 3 heads
- 1 Motor
- Dolby© B and C
- Automatic Tape Selector (ATS)
- Automatic recording level adjustment of the (ARL)
- Gradual increasing and fading function
- Insertion of blank spaces
- Signal level indicator
- Automatic Music Search (AMS)
- Selectable MPX filter
- A1-II Control
- Headphones output
- Synchronous recording

BLOCK DIAGRAMS

The block diagrams consist of the following functional modules:

- Input section
- Recording process section
- Playback process section
- Output section
- Noise reduction systems: Dolby© B and C
- Control system
- Servos
- Automatic Music Search (AMS)
- Power supply
- Fluorescent visualiser

FAULT SIMULATOR

The fault simulator manipulates electric points of the cassette deck, allowing to simulate real faults.

Each one of the functional sections has several test points which permit the analysis and monitoring of the main electrical signals of the cassette deck. It is safe to operate, all the test points are protected against possible accidental short-circuits.

ACCESSORIES AND DOCUMENTATION INCLUDED

- User's Manual
- Training Manual
- Electric diagrams and Technical Documentation
- Auto-amplified speakers
- Test Tape
- Connection cables