

# AM-FM RADIO TRAINING SYSTEM

Model Number : GOTT-AMFM-RADIO-02



## DESCRIPTION

The GOTT-AMFM-RADIO-02 has been designed from a Stereo Radio Tuner equipped with the most advanced reception circuits. 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 accidental shorting

## FEATURES

- Alternative frequency (AF)
- Digital Tuning
- Digital Signal Level Display
- Frequency range (FM, MW, LW)
- FM : 88 – 108 MHz
- Direct through frequency introduction
- Automatic Broadcast Station search
- Menu Selection Display
- Preset FM and AM sections

## FAULT SIMULATOR

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

## GENERAL SPECIFICATION

- DC Output : 3.3V, 5V, 8V 0.2A
- Operating temperature : 0 to 45C, 85% OR Less(R.H)

## BLOCK DIAGRAM

The block diagrams consist of the following functional modules :

- Tuner Section
- Automatic Tuning Section
- Sound control
- System control
- Mute control
- Power Amplifier
- Multiple Voltage Regulator
- Auxiliary Output Signal
- Audio Section

## EXPERIMENT TOPICS

- Simulation on tuner fault
- Simulation on audio amplifier fault.
- Simulation on Radio Data System (RDS) fault.
- Simulation on display panel fault.
- Simulation on radio receiver power supply fault.
- Simulation on the left channel fault.
- Simulation on the right channel fault.
- Simulation on BEEP sound fault.
- Simulation on the disable FM fault.
- Simulation on the disable AM fault.
- Simulation on the key-0 fault.
- Simulation on the key-1 fault.
- Simulation on reset switch.

## Manuals:

- (1) All manuals are written in English
- (2) Model Answer
- (3) Teaching Manuals

## Warranty:

2 Years

## General Terms:

- (1) Accessories will be provided where applicable.
- (2) Manuals & Training will be provided where applicable.
- (3) Designs & Specifications are subject to change without notice.
- (4) We reserve the right to discontinue the manufacturing of any product.

## ORDERING INFORMATION :

ITEM	MODEL NUMBER	CODE
AM-FM RADIO TRAINING SYSTEM	GOTT-AMFM-RADIO-02	557-857

\* Proposed design only, subject to changes without any notice.