

# OPERATING INSTRUCTIONS

## FM/AM

### SOLID STATE

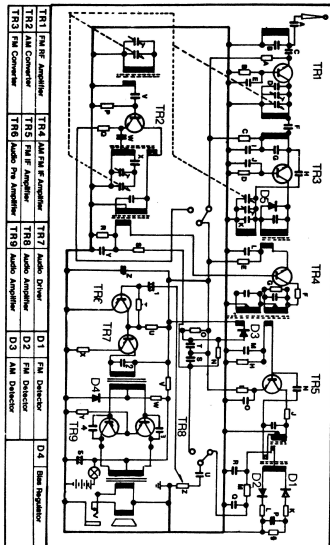
### PORTABLE RADIO

**AWA**

MODEL: B 122



**SCHEMATIC DIAGRAM**



## OPERATING INSTRUCTIONS:

### BATTERY INSTALLATION:

- (1) Insert the coin to lift up the battery cover which is located back of cabinet.
- (2) Insert 4x1.5V Penlight Batteries ( Size A. A )
- (3) Close battery cover.

### TO OPERATE RADIO:

#### STANDARD BROADCAST BAND: AM

- (1) The Band selector switch located behind the cabinet and should be moved to position 'AM'
- (2) The rear knob on the right hand side of cabinet combines both the ON-OFF switch and the volume control. Rotation of this knob counter clockwise will click the switch and turn the set on. The knob may be further rotated to adjust the volume. To turn set off, rotate the knob clockwise until the switch clicks.
- (3) Tune the set to the desired station by rotating the Tuning knob (Front knob on right hand side of cabinet) the standard broadcast scale 'AM' is located on the right hand side of the dial window.

#### FREQUENCY MODULATION "FM BAND"

- (1) The Band selection switch should be moved to the position 'FM'.
- (2) Your set is equipped with a highly sensitive telescopic whip antenna. For best results fully extend the whip antenna which is located on the top of the radio.
- (3) Turn the set on as in paragraph 2 under "STANDARD BROADCAST OPERATION"
- (4) Tune the set to the desired station as in paragraph 3 under "STANDARD BROADCAST OPERATION". the FM Band scale is located on the left hand side of the dial window.

### ANTENNAS:

Your new radio is equipped with a highly sensitive built in ferrite bar antenna for the AM Band plus a telescopic whip antenna for FM reception. Since all

transistor radios are slightly directional, it is desirable to rotate the radio to obtain the best reception.

### EARPHONE OPERATION:

Your radio is provided with a jack for use with an earphone. The jack is located on the left hand side of the cabinet. When you plug your earphone into this jack, the radio's self-contained speaker is automatically disconnected enabling you to listen in complete privacy.

### BATTERY REPLACEMENT:

Exhausted battery may leak and damage the set, or cause weak, distorted, or whistling reception. Replace with fresh Batteries. When the set is not to be used for an extended period, remove the Batteries from the radio.

### SPECIFICATION:

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|---------------------------|--|
| 1. CIRCUITRY              | : Solid State superheterodyne push-pull output                             |
| 2. SEMICONDUCTOR          | : 9 Transistors. 4 Diodes  |
| 3. FREQUENCY RANGE        | : FM: 88-108MH Z<br>AM: 520-1620 KHZ                                       |
| 4. SENSITIVITY            | : FM: 20uv at 50mw Output<br>AM: 350uv/m at 50mw Output                    |
| 5. OUTPUT POWER           | : 250mw  |
| 6. INTERMEDIATE FREQUENCY | : FM: 10.7MHZ<br>AM: 455KHZ  |
| 7. ANTENNAS               | : FM: Built-in Telescopic whip antenna<br>AM: Built-in Ferrite Bar antenna |
| 8. SPEAKER                | : 57 mm permanent magnet dynamic type.                                     |
| 9. EARPHONE               | : 8 ohm magnetic type.   |
| 10. BATTERY               | : 4x1.5V Penlight Batteries  |