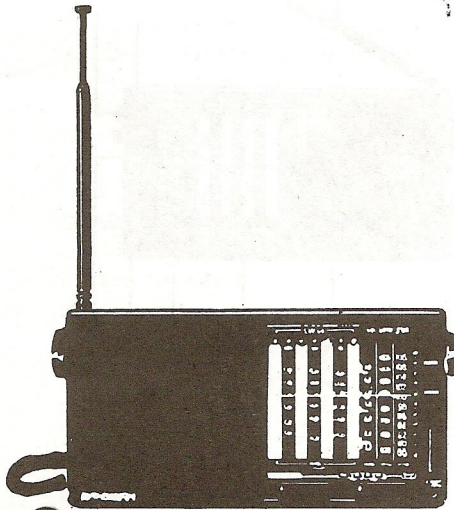


# Goodmans

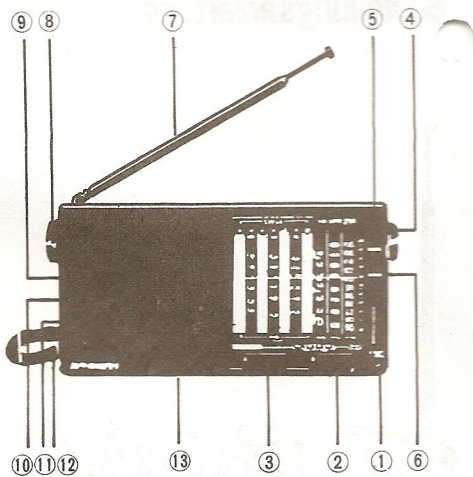
Model SG-789L  
10 BANDS HANDY RADIO

*Operating Instructions*  
*Mode 'Demploi*  
*Bedienungsanleitung*



*Before operating this set, please read this  
manual completely*

## LOCATION OF CONTROLS



## CONTROLS AND THEIR FUNCTIONS.

1. POWER ON/OFF SWITCH  
Set the switch to upper side, the radio is switched on.  
Set the switch to lower side, the radio is switched off.

2. BAND SELECTING SWITCH  
Set this switch to the position that corresponds to the band in which the program you want to listen to is broadcasting.  
MW-Medium wave band(522 to 1620 KHz)  
FM-FM band(87.5 to 108 MHz)  
LW- Long wave band(150 to 281KHz)

SW- When setting to this position, please find your desired short wave band by the following SW BAND SELECTOR

3. SW BAND SELECTOR  
For SW reception, choose your desired band

-SW1	5.80 - 6.20	MHz 49M
-SW2	7.05 - 7.50	MHz 41M
-SW3	9.45 - 9.90	MHz 31M
-SW4	11.55 - 12.05	MHz 25M
-SW5	15.05 - 15.55	MHz 19M
-SW6	17.45 - 18.05	MHz 16M
-SW7	21.45 - 21.95	MHz 13M

#### 4. TUNING KNOB

Turn the knob to select the desired station. The frequencies available within each band are marked on the corresponding dial scale.

#### 5. TUNING INDICATOR

The indicator will light up when the station has been turned in properly. (When receiving a weak signal station or the inside batteries have run down, the indicator may not light up).

#### 6. STEREO INDICATOR

Illuminates when the FM station is stereo broadcasting.

#### 7. TELESCOPIC ANTENNA

For FM -Pull out the telescopic antenna fully and position it for the best possible reception by adjusting the length and direction.

For SW -Pull out the telescopic antenna fully.

For MW and LW -Reception is not affected by this antenna since there is a built-in ferrite antenna. All you have to do is to position the radio itself in the direction which provides the best possible reception.

#### 8. VOLUME CONTROL

Rotate clockwise to increase sound level.

#### 9. MODE SELECTOR

Set the selector to stereo position for best audible enjoyment when listening to a FM stereo broadcasting otherwise keep at MONO position for clear reception.

#### 10. HEADPHONE JACK

The built-in speaker will be disconnected, only the headphone will function by using this jack.

#### 11. EXTERNAL DC POWER JACK

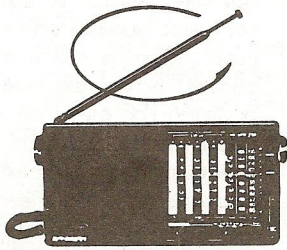
(DC IN 4.5V, center negative). Plug any external DC source of which output voltage is 4.5 volts, such as an AC adaptor or a car battery adaptor into the external power jack, when the jack is plugged, battery power will be disconnected automatically.

#### 12. HAND STRAP

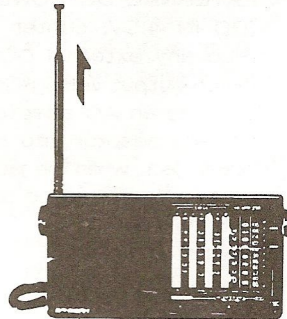
#### 13. BATTERY COVER

## ANTENNA ADJUSTMENT

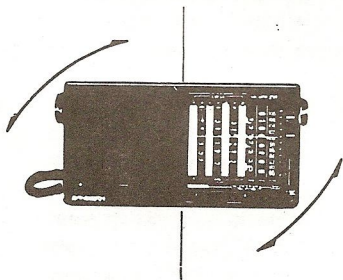
FM



SW



MW  
LW



**CAUTION:** please operate the telescopic antenna only follows the above shown direction.

## SPECIFICATIONS

Power sources DC 4.5V dry batteries  
UM3 (AA size)  
External power — Use  
the optional 4.5V  
200mA  
AC adaptor. (center  
negative)

### Frequencies

MW 522 - 1620 KHz  
FM 87.5 - 108 MHz  
LW 150 - 281 KHz

### SW (BAND SPREAD)

-SW1	5.80 - 6.20	MHz	49M
-SW2	7.05 - 7.50	MHz	41M
-SW3	9.45 - 9.90	MHz	31M
-SW4	11.55 - 12.05	MHz	25M
-SW5	15.05 - 15.55	MHz	19M
-SW6	17.45 - 18.05	MHz	16M
-SW7	21.45 - 21.95	MHz	13M

Circuit Feature 5 IC, 3 Transistor, 1  
FET

Speaker 3 inch, 8 ohm 0.5 Watt  
Output powers 150mW 8 ohm (10%  
THD) for built-in  
speaker, 40mW per  
channel for headphone

Headphone jack 3.5 Ø 32 ohm

Antenna system FM: Telescopic antenna  
SW: Telescopic antenna  
MW/LW: Built-in ferrite  
bar antenna

Dimensions 162(W)x87(H)x28(D)mm

Weight approx. 335g. (battery  
not included)

Design and specifications subject  
to change without notice.

## PRECAUTIONS

- Do not open the cabinet, refer servicing to qualified personnel only.
- Operate the set only on 4.5V DC. For AC or car battery, use the correct adaptor for this set. Do not use any other AC power adaptor. The polarity of the adaptor which suits this radio is center negative only.
- When the set is not in use for a long period of time or is to be operated extensively on AC, remove the batteries to avoid damage caused by battery leakage.
- Never leave the set in a car exposed to direct sunlight for a long period with all the doors and windows closed. The cabinet may become deformed, and deterioration of performance may result.
- Since a strong magnet is used for the speaker, keep magnetized commuter passes, tickets or personal credit cards, recorded tapes, watches, etc. away from the radio. The speaker magnet in the radio may do damage to these items.
- Do not use any abrasive powder to clean the cabinet. Wipe it with a soft cloth moistened with a mild solution of soap-and-water.
- When listening in a train, car building, use the radio near a window to obtain best possible reception.