

SOLAR AND DYNAMO RECHARGEABLE AM/FM RADIO

○ 2051

Features:

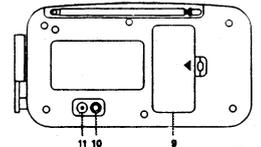
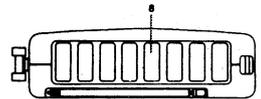
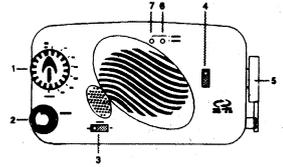
- Compact for easy portability
- High sensitivity built-in FM antenna
- Four way power.
Can be powered by: Solar Power, AA Batteries, AC/DC adaptor, Dynamo Generator
- External DC jack for recharge and operation
- Nylon strap for easy carrying.

Precautions

- Always turn off radio when charging, otherwise it will not take a full charge.
- This product cannot be harmed by overcharging by solar power, or dynamo power. Do not charge the radio by AC adaptor for more than 24 hours continuously, this may damage the radio's rechargeable system.
- Never use solvents containing benzol or petroleum for cleaning this radio. Wipe off dust and stains with soft damp cloth.
- If you have not used your radio for more than two weeks, remember to recharge before using.
- Take out the backup batteries if the radio will not be used for a long period of time.
- Exposure of the radio to temperature over 80°C (170°F) may damage the plastic case.

Functional Layout

1. Tuning knob
2. Volume knob with Power On/Off
3. Band select switch the AM/FM
4. Power charging selection switch
5. Dynamo crank
6. Power indicator LED
7. Tuning indicator LED
8. Solar panel
9. Battery cover
10. Earphone jack
11. External DC jack



Operation for radio

1. Charge the radio by facing the solar panel toward the sun or strong incandescent light. (always slide switch to position 1. for radio operation)
2. Select AM or FM broadcasting by pushing the function switch
3. Rotate the tuning knob to the desired station.
4. Rotate volume knob to the desired level.

Charge Selection Switch Setting

- For solar charging and DC charging slide switch to Position 1.

(For DC charge, connect the adaptor to the DC jack at the back of the unit. Be sure the polarity is correct before connecting)

- To use Backup Battery 2 x UM-3 (AA), slide switch to Position 2.
- For Dynamo charging, slide switch to position 3. (Always slide switch back to position 1 for radio operation)



Wind the crank dockwise 1 to 3 minutes continuously. This will generate enough power to play the radio only for about 15 minutes. If the batteries are not fully discharged, the using time will be longer.

The purpose to use Dynamo charge is usually for temporary or emergency use only while the battery is discharged, it is not recommended to use Dynamo mainly to fully charge the batteries.

Notice: For Dynamo operation, always wind the hand-crank clockwise and to start in moderate speed to prevent damage of the gear box.

DC Charge using the external DC jack

Use only DC 6V positive tip DC adaptor (adaptor is not included) for external DC charging. Please consult your local dealer for a suitable adaptor. Do not charge the batteries (Ni-Cad) for more than 24 hours.

How to install back up batteries

Open up back-up battery house cover, install 2 pieces "AA" (UM-3) size regular or Alkaline batteries into the battery compartment and make sure the polarities are correct.

IMPORTANT

If the radio has not been used for a long period of time, the internal Ni-Cad battery may be completely discharged into a "sleep" mode. This is part of the design of this rechargeable battery. For the initial recharge (wake up) of the battery, it is recommended to use (if possible) an AC adaptor for a period not to exceed 24 hours, this will bring the Ni-Cad battery quickly back to its standard function mode.

Specification for radio

Band Coverage: AM 526.5 - 1606.5KHz
FM 88 - 108MHz

- Power Supply:
- Solar Power
 - AC/DC adaptor
 - Hand crank dynamo
 - Built-in rechargeable Ni-Cad battery
 - Back-up battery 2 x UM-3(AA)

Earphone

Impedance: 320hm

Condition	Time needed to fully recharge.	
	Sunny 35,000 Lx	4 hours
	Fine 20,000 Lx	8 hours
	Cloudy 15,000 Lx	20 hours
	Rainy	Cannot be charged