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KEY FEATURES
- FM/MW/SW1.2 World Band Receiver
  - FM: 87 - 108 MHz
  - MW: 520 - 1710 KHz
  - SW1: 5.80-10.00 MHz
  - SW2: 11.6-18.2 MHz
- Cranking Dynamo & Solar Power Supply
- Red LED Light (Flashes) & Alarm Function
- Flashlight with 3 White LED Lights
- Cell Phone, MP3 & MP4 Charging Jack
  (Standard USB Jack)
- External Adapter Jack (Mini USB 5 Pin Jack)
- Built-in Speaker
- Earphone Jack (D3.5mm)
- Power Sources: Ni-MH Battery, 3 x AAA
  Alkaline Batteries or Solar Power
- Charged by: Cranking Dynamo, External
  Adapter, Computer or Solar Power
- Radio Size: 133 x 62 x 47 mm
- Accessories: Ni-MH Battery, Cell Phone
  Charging Cable & Operation Manual

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OPERATION MANUAL

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POWER SUPPLY

POWERING

BATTERY POWER
1. The battery compartment which is in the rear of
   the unit is for the rechargeable Ni-MH battery.
   And the rechargeable Ni-MH battery has been
disconnect for transportation purposes. Before
using the unit, please open the battery
compartment and connect the rechargeable
battery's plug into its socket according to the
correct direction. Then set the <Power Switch>
to " " position.

2. The battery compartment which is in the downside
   of the unit is for the AAA batteries (alkaline or
rechargeable). After installing the batteries, set
the <Power Switch> to " " position, then use the unit.

NOTE: The Ni-MH battery and AAA batteries
(alkaline or rechargeable batteries) can supply
the power separately.

SOLAR POWER
1. Set the <Power Switch> to " " position.
2. Put the unit in the sunlight, make the solar panel
of the unit is irradiated directly by the
sunlight. If the sunlight is enough strong, the
power light ("ON") in the front of the unit will
be on. Or else, the power light ("ON") can
not be on and the unit can not work normally.
POWER SUPPLY

DYNAMO CHARGING
1. Set the <Power Switch> to "memory", "<", "0", "", or "<" position.
2. Turning the hand crank, the built-in dynamo will start to generate electricity. The unit will charge the Ni-MH battery automatically.
3. While charging, the "CHA " light in the front of the unit will be on. The lightness of the charging light shows the charging intensity of the battery power.

ADAPTOR CHARGING
1. Set the <Power Switch> to "memory", "<", "0", "", or "<" position.
2. Plug one port of the matched adaptor into the AC outlet, plug the other port into the <DC IN Jack> of the unit. The unit will charge the Ni-MH battery automatically.

NOTE: The longest charging time is 8 hours.

USB COMPUTER CHARGING
1. Set the <Power Switch> to "memory", "<", "0", "", or "<" position.
2. Plug one port of the matched USB cable into the USB jack of the computer, plug the other port into the <DC IN Jack> of the unit. The unit will charge the Ni-MH battery automatically.
3. While charging, the "CHA " light in the front of the unit will be on.

NOTE: The longest charging time is 8 hours.

CHARGING CELL PHONE
1. Use the cell phone tip which is matched with your cell phone, to connect the supplied Cell Phone Charging Cable and your cell phone.
2. Plug the other port of the supplied Cell Phone Charging Cable into the <PHONE CHARGER Jack> of the unit.

NOTE: If the supplied Cell Phone Charging Cable is matched with your cell phone, you can not use the cell phone tip.
3. Set the <Power Switch> to "memory", "<", "0", "", or "<" position.

Then select the charging mode as below:

4. Turn the hand crank to charge the cell phone.

NOTE: Maybe the unit can't charge for some cell phone which have the especial requirements about the voltage and current.

BASIC OPERATIONS

USING FLASHLIGHT
Set the <Multifunctional Switch> to "memory", the flaslight will be on. Set the <Multifunctional Switch> to "OFF" position, the flaslight will be off.

USING ALERT LIGHT
Set the <Multifunctional Switch> to "memory", the middle red flaslight will blink. Set the <Multifunctional Switch> to "OFF" position, the alert light will be off.

USING SIREN
Set the <Multifunctional Switch> to "memory", the siren will be on. Set the <Multifunctional Switch> to "OFF" position, the siren will be off.

NOTE: You can use the FLASHLIGHT, ALERT LIGHT and SIREN in any power mode.

RECEPTION OF A RADIO
1. Select the power mode.
2. Select the band. Set the <Band Switch> to "FM", "MW", "SW1" or "SW2" position to listen to the FM, MW, SW1 or SW2 programs.
3. Adjust the volume. Rotate the <Volume Knob> to adjust the volume level.
4. Tuning in stations: Rotate the <Tune Knob> and pay attention to display of the frequency dial scale.

SPECIFICATIONS
1. Frequency Range
   FM: 87.0 - 108.0 MHz
   MW: 520 - 1710 KHz
   SW: 5.60 - 18.20 MHz
2. Noise Limit Sensitivity
   FM: 5 μV
   MW: 2.5mV/m
   SW: 50 μV
3. Signal Selection > 40dB
4. Max. Output Power: About 100mW
5. Max. Volume Output Current: About 120mA
6. Power Supply
   Batteries: 3xAAA Size (3x1.5V)
   DC: 5V
7. Speaker: 50mm
8. Earphones: D3.5mm
9. Dimensions: 133 * 62 * 47 mm
10. Weight: Approx 256g (inc. Ni-MH Battery)