

Package Informations

Voyager V2 Emergency Radio	*1
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Mini-USB Charge Cable	*1
Wrist Strap	*1

**For service and questions, Please visit our website: www.kaito.us,
Or email us at info@kaito.us**

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**Kaito Voyager V2**

AM | FM | SW | NOAA Weather Band Emergency Radio

User's Manual

www.kaito.us



Features

AM | FM | SW | NOAA Weather Band World Receiver.

3-LED High Brightness Flashlight.

Cranking Dynamo.

Solar Panel in the Overhead.

Siren Alarm for Emergencies.

SOS Red LED Flash Alert.

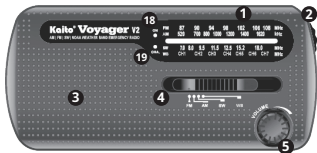
USB DC-out Port for Charging Cellphone, MP3 Player or More.

Mini-USB DC-in Charge Port for External Adapter or Computer's USB Port.

Built-in Inner Speaker and Earphone Jack.

Multiple Way to Power the Emergency Radio: Solar Panel, Dynamo Cranking, Built-in Ni-MH Batteries, AAA Batteries, Mini-USB DC-in Port for Any USB Power Source or More.

Schematic Diagram



18 Power Indicator

19 Charge Indicator

1 Frequency Tuning Dial Scale

2 Frequency Tuning Knob

3 Built-in Inner Speaker

4 Band Slider Selector

5 Volume Knob



6 Wrist Strap Holder

7 USB DC-out Port

8 Earphone Jack

9 Mini-USB DC-in Charge Port

10 3-LED Flashlight

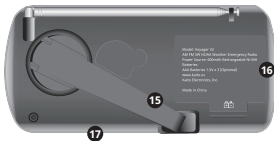


11 Telescopic Antenna

12 Solar Panel

13 Flashlight and SOS Red Flash Alert and Siren Function Switch

14 Power and DC-out and Ni-MH Batteries and AAA Batteries Selector Switch

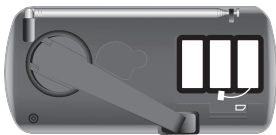
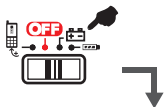


15 Dynamo Hand Crank

16 Ni-MH Batteries Compartment

17 AAA Batteries Compartment

Using the Batteries



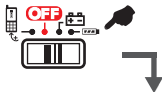
Rear View

Using the Rechargeable Ni-MH Batteries

1. This built-in the Ni-MH batteries compartment is in the rear of the Radio.
2. The rechargeable Ni-MH batteries has been disconnected for transportation and storage.
3. Before using the radio, please open the batteries compartment and connect the rechargeable batteries's plug into its socket according to the correct direction. Then set the [Power Switch] to position.

Using the AAA Batteries

1. This batteries compartment is in the bottom of the radio.
2. After installing the batteries, set the [Power Switch] to position.



Bottom View

CAUTION!

The Ni-MH batteries and AAA batteries (Alkaline or Rechargeable Batteries) is supply power separately. And the AAA batteries is optional accessories.

Solar Power

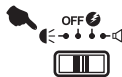
1. Put the radio in the sunlight, make the solar panel of the radio is irradiated directly by the sunlight.
2. If the sunlight is enough strong, the "CHA" indicator in the front of the radio will be lit. That means solar energy can be used for the radio. The radio will charging the Ni-MH batteries automatically.



Top View

Using the Flashlight

1. Set the [Multi-function Switch] to position to turn on the flashlight function.
2. Set the [Multi-function Switch] to **OFF** position to turn off the function.



Right Side View

Using the Dynamo Charging



1. Pull out the hand crank of the dynamo at the back of the radio, then rotating it at a constant speed, the built-in dynamo will start to generate electricity. This radio will charge the Ni-MH batteries automatically.
2. While charging, the "CHA" indicator in the front of the radio will be on. The lightness of the charging indicator shows the charging intensity of the batteries power.

External Adapter Charging

1. plug the matched external adapter into the AC outlet, connect the cable to the mini-USB DC-in port of the radio. This radio will charge the built-in Ni-MH batteries automatically.
2. While charging, the "CHA" indicator in the front of the radio will be lit.

- ① Mini-USB Charge DC-in Port



Right Side View

WARNING!

1. The longest charging time is 8 hours.
2. This mini-USB charge DC-in port is applies only to the Ni-MH batteries.
3. You can use a matched external adapter which is with mini-USB DC-in plug, 5V output voltage and 300mA output current or above.


Computer USB Port Charging

1. You can also use the personal computer's USB port to charge the radio, connect the USB cable to your PC's USB port to the Mini-USB DC-in port of the radio with attached accessories.
2. While charging, the "CHA" indicator in the front of the radio will be lit.

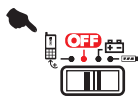
WARNING!

1. The longest charging time is 8 hours.
2. This mini-USB charge DC-in port is applies only to the Ni-MH batteries.

Charging the Mobile Devices

1. Connect the your USB cable from this USB DC-out port in the radio to your cellphone or MP3 Player, You can charge some your mobile equipment in the emergencies.
2. Insert the other port of the cellphone or MP3 player charging cable into the USB output port.
3. Set the [Power Switch] to  position.
4. Turn the hand crank to charging the cellphone or MP3 player or more.

- ① USB DC-out Port



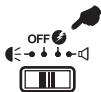
Right Side View

CAUTION!

NOTE: The radio might not charge some of the cellphone, which has the special requirement about the voltage and current


Using the SOS Red Flash Alert

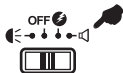
1. Set the [Multi-function Switch] to  position, the middle red flash light will blink.
2. Set the [Multi-function Switch] to OFF position, the SOS alert light will be off.



Right Side View

Using the Siren Function

1. Set the [Multi-function Switch] to  position, the radio will be immediately alarm sound at the maximum volume for some emergencies.
2. Set the [Multi-function Switch] to OFF position, the Siren alarm sound will be off.



CAUTION!

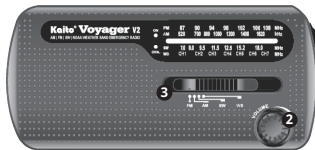
NOTE: You can use the flashlight, SOS alert light and siren function in the any power mode.

Listening to the Radio

1. First put out the telescopic antenna to max length.
2. Select the power mode you want.
3. Select your desired band by sliding the [Band Slider Selector] to Any one of FM, AM, SW, WB position.
4. Adjust the sound volume by rotating the [Volume Knob] to your desired level.
5. Retate the [Tuning Knob] to select your desired radio stations.
6. Set the [Power Switch] to OFF position will turn off the radio.



- 1 Frequency Tuning Knob
- 2 Volume Knob
- 3 Band Slider Selector



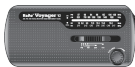
CAUTION!

NOTE:

1. While listening to the FM, SW and WB band programs, please Pull out the telescopic antenna and adjust its length and angle for optimum reception.
2. While listening to the AM programs, sensitive ferrite antenna inside the set will provide excellent AM reception in most areas. For optimum reception turn the set, as the antenna is directional.



FM, SW, WB Band Antenna State



AM Band Antenna State

WARNING!

Please read the instructions before first use of the radio.

If the set is not used for a long period of time, remove all the batteries to prevent potential damage due to possible battery leakage.

Since a strong magnet is used for the speaker, keep magnetized commuter passes, credit cards, recorded tapes, watches etc. away from the radio. The speaker magnet in the radio may damage them.

Do not place the set near strong magnets such as those used in radio, television set, speaker boxes etc. As these may cause the frequency to drift.

Do not drop or give the set a strong impact since the set is composed of precise parts.

When listening in a train, car or building, use the radio near a windows to obtain the best possible reception. Reception may be difficult in a tunnel or subway. Also note that operating the radio on a metal object may adversely affect reception.

Avoid spray-type insecticides, some insecticides contain chemicals that could cause cabinet deformation.

To prevent electric shock, do not open the case. Only qualified personnel may carry out repairs.

Do not place the radio in water, or close to fire.

Please do not allow children access to the radio.

Specifications

Frequency Range

FM Band: 87MHz - 108MHz

AM Band: 520kHz - 1710kHz

SW Band: 7.0MHz - 18.0MHz

Weather Band: CH1 - CH7

Noise Limit Sensitivity

FM $\geq 5\mu\text{V}$

AM $\geq 2.5\text{mV/m}$

SW $\geq 50\mu\text{V}$

Signal Selection $\geq 40\text{dB}$

Max Output Power: About 100mW

Max Volume Output Current: About 120mA

Power Source: Rechargeable Ni-MH Batteries 3.6V | 600mAh
AAA Batteries 1.5V x 3 (Optional)
Mini-USB Port DC-in 5V

Max Output Current(Dynamo): 300mA

Speaker: $\Phi 2$ inches

Earphone Jack: $\Phi 3.5\text{mm}$

Dimensions: $5\frac{1}{4} \times 2\frac{1}{2} \times 1\frac{3}{4}$ inches

Weight(approx): 9 oz