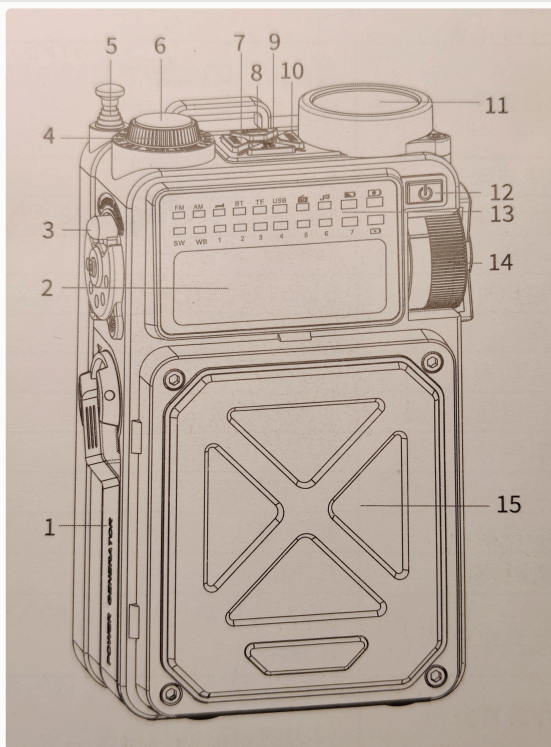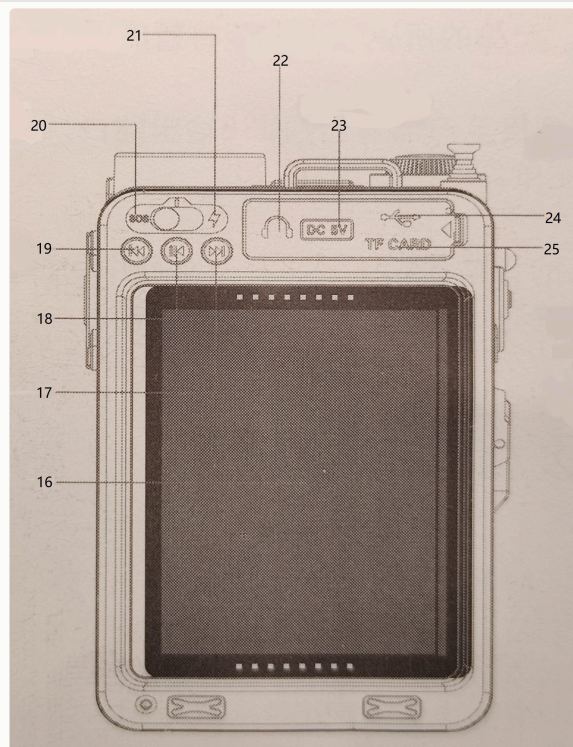# 手摇发电机说明书.

Portable Outdoor Radio

please note: the product has voltage protection, when the type-c charging voltage exceeds 6v,the product will stop charging,please use 5v 1A/2A

Product Schematic Diagram

1.hand crank

2.frequency indication

3.function switch

4.volume knob

5.antenna6.compass

7.band switch button

8.mode swtich button

9.setting button

10.light switch button

11.flashlight

12.power botton

13.function indicator

16.solar panel

17.next song

18.play/pause

19.previous song

20.SOS alarm switch

21.energency power output button

22.headphone jack

23.USB type-A port

24.type-c charging port

25.TF card slot(micro SD)
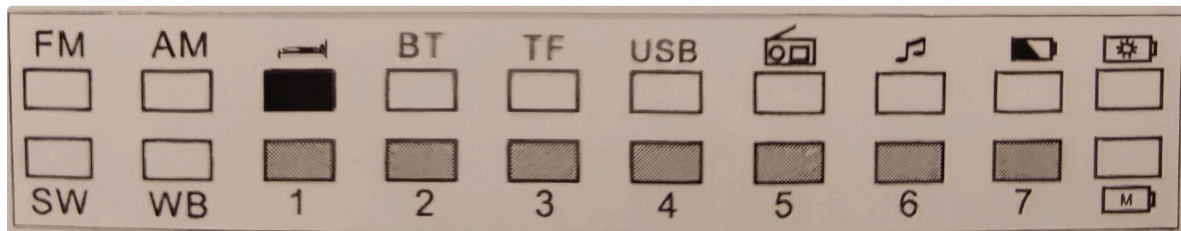
14.tuning knob

15.speaker

Power Switch

1.long press the "12" button to turn on the radio

2.automatic shutdown setting:

step 1: turn on the radio and press the "12" button shortly, the light will flash and enter the self-moving shutdown setting;

step 2: press "12" button to select the shutdown time,each press for less 10minutes,if you need to set the shutdown after 60 minutes,please short press the "12" button to the indicator lighj 6,wait for three seconds.when the automatic shoudown indicator light stays on,it means that the settion is successful.

Flashlight Function

1.click the "10"(light) button to turn on the flashlight,click again to turn off the flashlight.

Notes

a. the lamp with serial number 1-7 indicates the timer 10-70 minutes and the initial value is 70 minutes;

b. long press the "12" button again to turn off the product

Volume knob

The compass and volume knobs are integrated together, and the volume can be adjusted by turning the compass.

Backlight function

1.turn on the radio, long press the "8"(MODE) button to turn on the backlight.

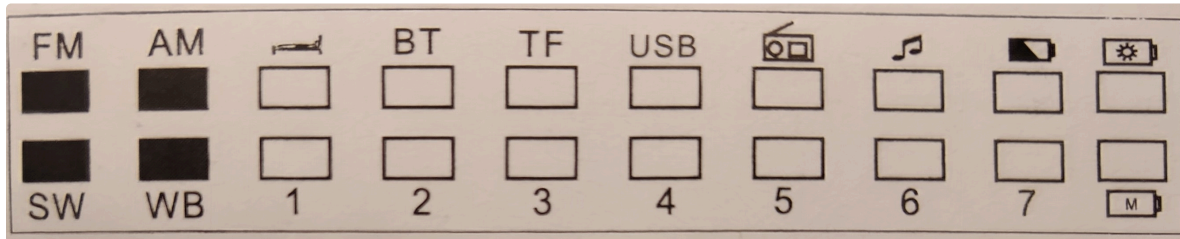2.then long press the "8"(MODE) button to turn off the backlight.

Radio mode

A. manual tuning mode

1.turn on the radio and adjust the "3"(function switch) to "radio", and enter the action tuning mode, you will hear the "radio".

2.press the "7"(band) button, select FM/AM/SW band, and the green indicator light corresponding to the band will light up.

FM/AM/SW/WB function indicator:

a. turns the "tuned knob" to select the required station.

b. use the "9" button to select the 1-7 channels of the sw band, and then Turn the "14" (tuning knob) to select the required station.

B. digital tuning mode

1.turn on the radio, adjust the "3"(function switch) to "radio", enter the manual adjustment Mode, you will hear the sound of "radio"

2.press the "19"(previous) button, the corresponding indicator light will light up and enter the digital tuning mode.

2.1 press the "band" button, you can choose fm/am/sw/wb band, the corresponding green light of the chosen channel will light up. When you choose fm/am When tuning mode, long press the "19"(previous) button to automatically search and store the radio station; then Press the "17"/"19" button to select the previous station or next station.

2.2. when you choose to enter the sw digital tuning mode, press the ""set"" button to select SW1-7 frequency band; press and hold the "19"(previous) button to automatically search for the radio station and store the radio station;Then press the "17"/"19" button to select the previous station or next station.

2.3. the wb band is an american emergency channel band and cannot receive this signal in china

3.press the "19" button again or twist the "tuning knob" to turn off the corresponding function light,Exit the digital tuning mode, return to manual tuning mode.

Notes:

1.when serching FM/AM/SW band, the digital tuning mode indicator flashes, indicate that band receive the signal, each band can automatically retrieve and store up to 70 radio stations, each automatic retrieval and storage will cover the previous stored data.

1 indicator light,searching about 1-10 stations;

2 indicator light, searching about 11-20 stations:

3 indicator light, searching about 21-30 stations,

4 indicator light, searching about 31-40 stations.

5 indicator light, searching about 41-50 stations;

6 indicator light, searching about 51-60 stations;

7 indicator light, searching about 61-70 stations;

2.the strength and clarity of the storage site depends on the signal strength. when listening to fm/sw radio, please unplug the antenna.

3.In order to receive signals better, it is best to use a radio near a window in an area without electronic interference or buildings.

Bluetooth Function

1.Turn on the radio, turn the "Function Switch" to BT, enter Bluetooth mode, and you will hear the sound of "BLUETOTH MODE".

2.Open the Bluetooth mode of the device (such as a phone), search for the name "R11" to connect.

3.when Bluetooth connected, you will hear a connected sound and the indicator light will remain on. You can play music on your device. When Bluetooth is disconnected, you will hear a disconnection sound and the indicator light will flash.

4.Short press the "17/19" button to switch songs. Short press the "19"(previous) button to play or pause the song.

note :

1.Achieve optimal performance within a radius of 8-10 meters of the device

2.Before connecting , please ensure that your equipment has been disconnected from other Bluetooth receiving devices (such as speakers, wireless headphones, etc.).

3.If it is unable to search and connect to this product, please try restarting Bluetooth or your wireless Bluetooth device.

4.This product can be used as a Bluetooth receiver to connect Bluetooth transmission devices such as MP3 players and mobile phones.

5.After successful pairing, the volume knob of the product, MP3 player, and mobile device can all control the volume.

TF card/USB player

1.Turn on the radio, adjust the "Function Switch" to M-PIay, enter M-PLAY mode, you will hear the sound of "Music", and then the TF (MicroSD) and USB indicator lights will light up and flash.

2.When the USB or TF (MicroSD) card has been successfully read, the corresponding indicator light will light up

3.When both USB and TF (MicroSD) cards are successfully read, you can switch between them by pressing the BAND button.

4.Press the "17/19" button to switch to the previous or next song. Click the "" button to play or pause the song.

5.Press and hold the "17/19" key to fast forward or rewind the song.

White Noise

1.Turn on the radio and press the "9"(setting) key to enter white noise playback mode.

2.Press "17/19" to select 1-7 different natural sounds

3.Press the "9"(setting) button to pause the white noise playback. Pressing the button again will continue playing.

4.Press the "9"(setting) key to exit the white noise mode.

Note:

When the radio is in white noise mode, it cannot be directly switched to any other mode, including timed shutdown settings, backlight function, spectrum mode check battery, etc. It must exit white noise mode before using any other functions.

SOS alarm function

1.push the switch to the "SOS" position. This will activate the SOS sound and flashlight flash.

2.Push the button back to the middle position to turn off this function.

Charging and discharging function

A. Solar charging

1. Place the solar panel directly in front of the sunlight. When the green charging indicator light is on, it indicates that the solar panel is charging the internal battery.

2.The charging efficiency depends on the intensity of sunlight. The stronger the sunlight, the better the charging effect.

B. Manual crank charging

1. Rotate the hand crank clockwise or counterclockwise, and the green charging indicator light will turn on, indicating that charging is in progress.

2. Hand cranked at 130-150 revolutions per minute, the flashlight can be used for more than 30 minutes or the radio can be played for 3 minutes(medium volume).

notes:

1.Before using this product, the hand crank can be turned for 3-5 minutes to activate the internal battery.

2. Hand cranked cranks are usually used in emergency situations such as power outages.

C. Type-C charging

1. Open the dust plug on the back, there is a Type-C charging port and a USB output port.

2. Pulg in the type-C cable into the input port to charge your radio, and the charging indicator light will light up.

D. USB output

1. Please push the switch on the back of the product to the "21"(energency power output) position, which will activate USB output. In this mode, all other functions of the product will be temporarily disabled, and only USB output is available.

2. Connect the charging cable to the USB output port, and then connect to the device for charging.

notes:

To restore the normal function of the product, please push the switch back to the middle position. This is the only way to use functions such as Bluetooth, wireless, TF card, and USB playback.

Electricity display and spectrum display

A. Power indicator light

1. Turn on the radio, press the "MODE" button, and the indicator light will display the battery status.

2. Turn off the radio, press the "MODE" button, and the indicator light will also display the battery status.

When indicator lights 1 to 7 are on, it indicates the battery level

7 indicator lights indicate battery level: C>90%

6 indicator lights indicate battery level: C>75%

5 indicator lights indicate battery level: C>60%

4 indicator lights indicate battery level: 45%<C<60%.

3 indicator lights indicate battery level: 30%<C<45%.

2 indicator lights indicate battery level: 15%<C<30%.

1 indicator light indicates battery level: C<15%

B. Spectrum display

1.Turn on the radio, press the "MODE" button twice to enter spectrum mode, and then display the spectrum on the indicator light.

2.Then press the "MODE" button again to return to the original state.

Notes:

1.When the radio is in "BT/M-PLAY" mode, a USB/TF card is required. Only after successful reading can the battery level be checked and the spectrum mode be entered

2.The display of spectrum mode depends on the speed and wavelength of the song

Power protection

1.When there is overload or short circuit, the protection chip will cut off the power supply to prevent battery damage.

2.When the battery voltage drops below 3V, the protection chip will cut off the power to prevent overdischarging and protect the battery from damage.

1.For the first time using a flashlight or if it has not been used for more than 60 days, it is necessary to manually crank the generator for 1 minute before use, or use an internal battery charged with a solar panel to restore the battery.

2.Avoid strong impacts, drops, and contact with corrosive liquids.

3.When using this device, excessive discharge of the battery should be avoided to extend its service life and prevent damage to the internal rechargeable battery.

4. Avoid exposing the flashlight's light directly to the eyes, as it may cause eye injuries due to the intensity of the light.

5. Reset operation - Occasionally, there may be a crash and no response from all buttons. You can press and hold the power button for 10 seconds to restart.

Parameter

Radio: FM87-108MHz/AM520-1710 kHz/SW 5.7-17.9 MHz/WB400-550

Bluetooth version: 5.0

TF-card type: MP3/WAV/FLAC/APE

White Noise: 7 Natural Sounds

Product size: 81x52 × 132 millimeters/3.2X2X5.2 inches

Weight: 350 grams/0.77 pounds

The maximum power: 5W

Working voltage: 3 volts to 4.2 volts

Speaker size: 4Q5W (internal magnetic type)

LED flashlight: 1 watt/120mm

Battery capacity: 4000mAh/3.7V

Charging time: 8 hours

Battery lifespan: 3 years (average of 3 hours per day)/500 cycles of charging

Working temperature range: -10 degrees Celsius -60 degrees Celsius

Device battery life (after fully charged, medium volume):

The radio usage time is about 18 hours

BT/TF/USB player usage time is about 9 hours

Self noise usage time is about 16 hours

Flashlight usage time greater than 23 hours

Warranty

This product comes with a 12-month manufacturing defect warranty, which is calculated from the date of purchase

The packaging contains:

Product X1

User Manual x1

TYPE-C charging cable x1