

# RADIO FASHIONABLE DYNAMO

SB-5005/FM & AM tuning radio

www.SORBO.cn

## Main Technical Parameters:

Radio :	
Sensitive degree of the FM	better than 15 uV
Sensitive degree of the AM	Better than 3 mV/m
Receive scope of the FM	88-108 MHz
Receive scope of the FM	530-1650KHz
The audio frequency output power	Max. 100 mW
Radio work time after 1 minute cranking	About 10 minutes
Radio work time after being charged fully	About 2.5 hours

## Charge for external things :

Voltage Output	5.6 V
Max.output power	2.5 W
Mobilephone's talking time after 3 minutes cranking	2-8 minutes

## Lighting :

Max.Luminous flux	2 Lm
Max. Brightness	20000 Mcd
Lighting time after 1 minute cranking	30 minutes

## Main parts life-span:

Switch	5000 times
The whole unit	5 years.
The plastic part	5 years.

## Functions:

- \* High efficient power generation by cranking.
- \* FM/AM radio.
- \* Charging mobilephones or other digital things in emergency use.
- \* Lighting.

## Operation Method:

### 1)Cranking for power :

- 1.Charge the built-in battery: Unlock the handle, crank it at the speed of 2.5 to 3 circles per second.The faster you crank, the higher efficiency to charge.( It's better to crank it for no more than 4 circles per second.)
- 2.Charge for mobile phone: Plug one end of the charging cable into the things you want to charge and the other end into this product. Cranking the handle at the speed of 2.5-3 circles per second for about 1 or 2 seconds. When the charge indicator lights, that means charging. (It may not charge the built-in battery at this time)

### 2)Reception of radio :

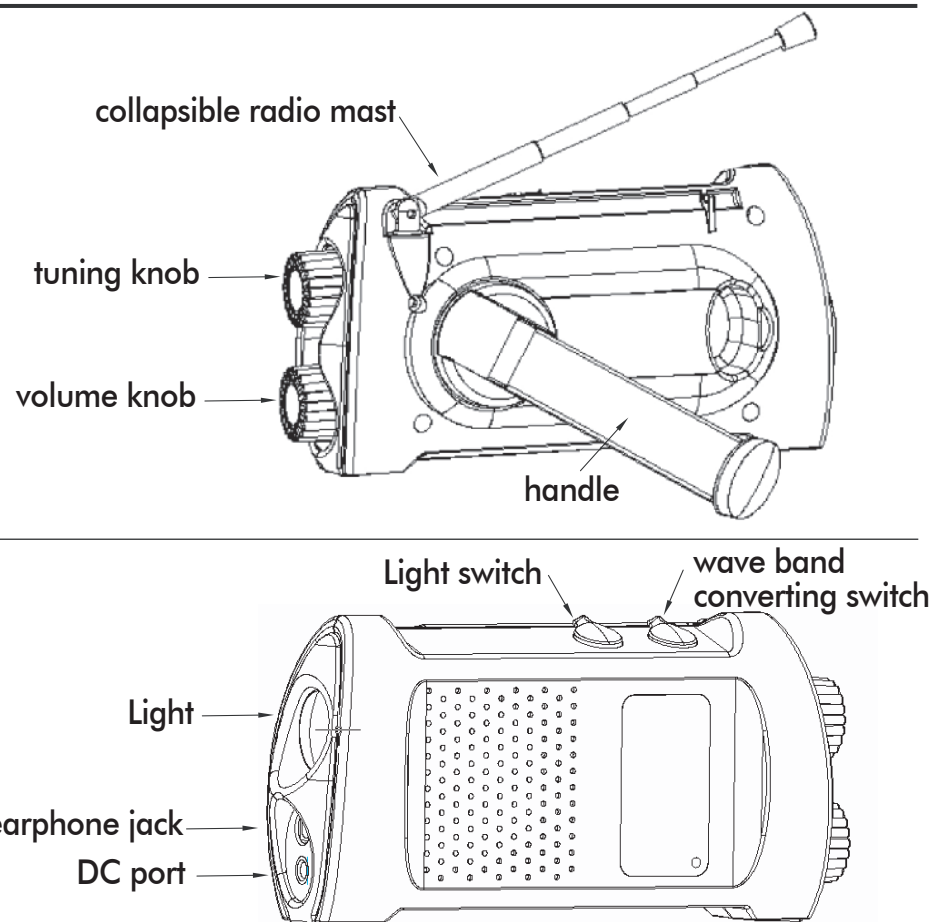
- 1.Operation of the radio switch and volume adjusting: Turn the volume knob anticlockwise to amplify the volume. Contrariwise, turn the volume switch clockwise can reduce the volume gradually, a "crack" sound will be heard to show power off.
- 2.FM/AM wave band shifting : push the switch left is FM, push it right is AM.
- 3.Searching ways: Turn the "tuning knob", contrapose the "tuning display" to find the station you want to listen. When the signal is strong enough, the tuning indicator will light, then you can modulate the "tuning knob" slightly till the indicator brighter and make the volume more clear.
- 4.Use of antenna:
  - 1>This product adopts collapsible radio mast to receive signal for FM. When the signal is weak, you can pull out the antenna or change the direction of the antenna to find the optimal position, thus can improve the effect of radio. Whereas, shrink the antenna when the signal is strong.
  - 2>It adopts built-in magnetic antenna to receive signal for AM. You can change the position of the product properly when the signal is weak.

## Size and Weight

Product size	about134*42*67mm
Product weight	about 176g

## Others

Specification of built-in battery	80mAh, 3.6v
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## Cautions:

- 1.Pay attention to the holding gesture when cranking which can protect your finger and nail from hurting. Keep rotating steadily.
- 2.In order to assure the using life of the battery and mechanical parts, pls pay attention to the things below:
  - a) Do not crank it for more than 5 minutes when the power of the battery is enough (lighting and radio normally) and less than 10 minutes when it runs out of power.
  - b) When the light is dim or the radio is soundless, it means the battery is lack of power badly, pls turn off the light and radio or crank it for a while.
  - c) Cranking it as even as possible (keep rotating steadily, 2.5 or 3 circles per second is best). Avoid cranking too violent and quick or changing the cranking direction abruptly.Too slowly cranking would make current weak and influence the charging efficiency, and too violent cranking will possibly damage the driving system. Keep cranking to charge a mobilephone continuously, otherwise the power consumption will increase and affect the charging effect.
  - d) This product can be used to meet an emergency , so do not crank it for a long time or too violent.
  - e) In order to prolong the lifespan of the battery, you should crank it for at least one minute once a month.
3. Use the wire that our company specified to charge mobilephone or other things, otherwise it might influence the capability of the product being charged.
4. Do not place this product in where temperature or humidity is high . Do not drop or hit this product.
5. Turn off the light when charging to enhance the efficiency of charging .
6. The product will be a little hot if cranking for a long time .
7. We do not give notice again if the parameter of this product changed.
8. We reserve the final right to interpret this product.

MADE IN CHINA

