



Wind Up Analogue Radio

Stock No.02379

Part No.WUAR

INSTRUCTIONS

07/2010



SPECIFICATION

The Draper Tools policy of continuous improvement determines the right to change specification without notice.

Radio

Sensitivity of the FM		Better than 10 uV
Sensitivity of the MW		Better than 1.5 mV/m
Sensitivity of the SW		Better than 10 uV
Reception scope of the FM		87(+0-1) - 108(-0+1)kHz
Reception scope of the AM		520(+0-10) - 1620(-0+30)MHz
Reception scope of the SW		5.9 - 21.85MHz
SW1		49m 5.95 - 6.20 MHz
SW2		41m 7.10 - 7.30 MHz
SW3		31m 9.50 - 9.90 MHz
SW4		25m 11.65 - 12.05 MHz
SW5		22m 13.60 - 13.80 MHz
SW6		19m 15.10 - 15.60 MHz
SW7		16m 17.55 - 17.90 MHz
SW8		13m 21.45 - 21.85 MHz
The audio frequency output power		100 mW
Radio working time after 1 minute winding (2.5 - 3 revolutions per second)		18 - 27 minutes
Lighting time after 1 minute winding (2.5 - 3 revolutions per second)		27 - 36 minutes
Speaking time after 3 minutes winding for charging mobile phone (2.5 - 3 revolutions per second)		4 - 15 minutes
Radio working time after being charged fully		4 - 6 hours
Max. Luminous flux		11 - 14LM

Charged by external power source

1. Input voltage		5 - 5.25V
2. Charging interface		DC plug Ø3.5 x Ø1.3
3. Fully charged time		6 - 8 hours

Main parts life-span

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

Size and weight

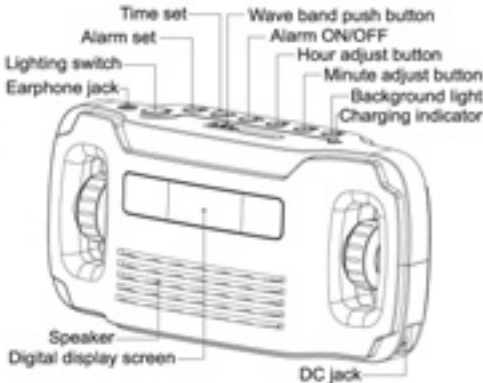
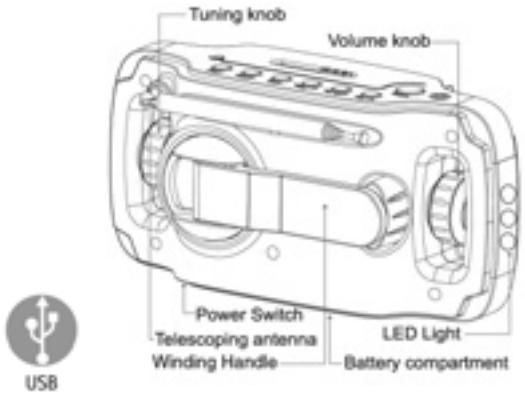
Antenna length (external part)		About 37mm
Product size		156 x 76 x 58mm (approx.)
Product weight		203g (approx.)

Others

Specification of built-in battery		300mAh, 3.6v
Diameter of built-in speaker		Ø36mm (two)
Generator power		5W

Warning:

1. When holding the radio wind steadily.
2. In order to assure the life of the battery and mechanical parts.
 - a) Do not wind the handle for more than five mins when the power of the battery is enough (working normally) and less than 15 mins when it has run out of power.
 - b) When the light is dim or the radio is soundless, it means the battery is flat. Please turn off the light and radio or wind it for a while.
 - c) Winding it as even as possible (keep rotating it steadily, 2.5 or 3 revolutions per second is best). Avoid winding too violently and quickly or changing the winding direction abruptly. Winding too slowly would make current weak and influence the charging efficiency and too violently will possibly damage the driving system.
 - d) Do not wind it for a long time or too violently.
 - e) In order to prolong the life of the battery, you should wind it for at least one min. once a month.
3. Do not drop or hit this product.
4. Avoid using corrosive liquid or hard cloth to cleanse.
5. Turn off the light when charging.
6. The product will get hot if winding for a long period of time.



1. Winding to charge the unit:
Unlock the handle and wind it at the speed of 2.5 to 3 revolutions per second.
2. Charged by external power source:
Connect with the 5V adapter to charge the internal battery, and about 6 - 8 hours it will be fully charged.
3. Charge for digital devices, mobile phone, etc.
Connect this product with other digital devices via connection cable, unlock the handle, and wind it at the speed of 2.5 to 3 revolutions per second. Illumination of charging indicator indicates that the charge is working.
4. Reception of radio:
 - A. Operation of the power switch and volume adjusting:
First make sure the power switch is at "ON" position. Turn the volume dial clockwise to increase the volume. Turn the volume switch anticlockwise to decrease the volume gradually, a "crack" sound will be heard to show power off.
 - B. Wave band shifting: Push the wave band button to choose FM, AM, SW (1 - 8).
 - C. Station search: Observe the display screen while tuning and select the radio program you need. Tune the dial to an optimal position in which the reception effect is the best.
 - D. Use of antenna:
 - a). This product adopts telescoping antenna to receive signal for FM or SW. When the signal is weak, you can extend the antenna or change the direction of the antenna to find the optimal position, thus can improve the reception effect. Whereas, shrink the antenna when the signal is strong.
 - b). It adopts built-in magnetic antenna to receive signal for MW. You can change the position of the product properly when the signal is weak.

Note:

- a. It is advised to turn the volume to the optimal position (be comfortable) when you listen to it.
- b. Avoid places like high building, basements, etc, as possible as you can, such places will influence the reception. Leave far away from the induction cooker, fluorescent lamp, car generator, motor, computer or such electrical equipment that will effect the signal.
5. Time setting
 - 1) Local time setting: Press and hold the "Time set" button, then press the hour adjust button and minute adjust button to adjust time, after adjusting the time, release the button, the system will recognize automatically.
 - 2) Timing power: Press and hold the "Alarm set" button, then press the hour adjust button and minute adjust button to adjust time, after adjusting the power on time, press the "Alarm ON/OFF" button to confirm it.

Tips:

To turn on or turn off the timing power on, press the "Alarm ON/OFF" button.

6. Use of Background light
When at night, press the background light button for lighting. Lasts for 10 seconds.
7. Earphone:
Plug the earphone into the earphone jack, the speaker will be turned off automatically at this time.