

NOXON

SWITCH ON. HAVE FUN.

User Manual

EMERGENCY RADIO

Noxon Dynamo-Solar 411



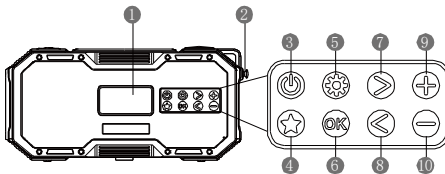
Contents






1. Operation Function Indication	3
1.1 Front.....	3
1.2 Superface.....	4
1.3 Left side & Right side	4
1.4 Subface.....	5
1.5 Back	5
2. DAB+ Operation Instructions.....	6
3. FM Operation Instructions	8
4. Bluetooth Speaker Operation Instructions	9
5. System Setting Instructions.....	10
6. Handle Power Generation Description	11
7. Fault Self-Solving	12
8. Specification and Parameters.....	13

Thanks for your purchase. Please read this manual carefully and use it correctly. Please read the "Safety Rules" before using the product.
After reading it, please keep this manual properly

1. Operation Function Indication

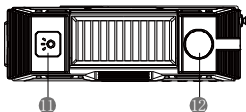
1.1 Front



1. Display screen (Show information about radio, songs, albums, etc.)
2. Antenna (DAB+/FM receiving antenna/Pull out the antenna and adjust it to the best reception angle)
3.  Switch on the machine/switch (Long press Start to enter the standby state or short press Boot/long press Shutdown. Start-on mode. Short press the switch mode (DAB+/FM/BT)/long press to enter the standby state)
4.  Favorite (Radio mode: Long press to store the current listening station and select the storage list. Short press to enter the storage list to select the station to play.)
5.  Set up the information switch (Short press the information switch to connect/long press to enter the setting mode)
6.  Confirm/Scan (DAB+ mode: long press to scan all stations/short press for confirmation. FM mode: Long press to scan all stations/short press to enter the program list.)
7.  Next (DAB+ mode: Short press Next Program, FM mode: Short press plus frequency/long press to search for the next station. BT mode: Press for the next song.)

8. ⏪ Previous (DAB+ mode: Short press Last Program, FM mode: Short press Last Program BT mode: Press for the previous song.)
9. ⏩ Volume Up
10. ⏴ Volume Down

1.2 Top Face



11. 🔦 Torch switch (Short press Cycle: flashlight steadily on/flashlight flashing/off flashlight. When the camping lantern is turned on, the button controls the camping lantern.)
12. Thermometer

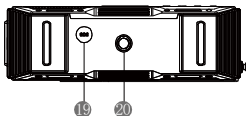
1.3 Left side & Right side



13. Alarm lamp, red and blue alarm lights
14. Electric tube, and far photoelectric cylinder
15. Charging indicator light (Plug in the charging port, and the indicator light is on for charging status)
16. USB-Charging port (5V, 2A Input) and Headphone Socket.

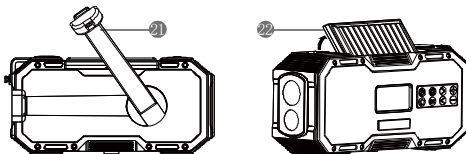
17. Reset switch (Reset with a tip object in the reset hole)
18. USB (5V, output). The USB outputs it to charge for 5V

1.4 Side Face



19. SOS (Long press the start alarm sound/warning light/again long press to open and close SOS)
20. 1/4 Nuts(1/4 Bicycle bracket nuts)

1.5 Back



21. Handle generator (Shake the generator handle/turn clockwise to generate electricity)
22. Reading light: Raise the solar cell completely, then press the light button. The reading lamp starts with a bright light, after your press the light button again, the light is a little darker.

2. DAB+ Operation Instructions

1. Turn on the radio and short press the "power switch" button to switch to the DAB+ mode. (It will automatically go into station scanning if no station is stored)
2. Long press the "OK" button in the DAB+ mode to start the station scanning: Receive all the frequency channels, and save all the received programs in the DAB+ program list according to the dictionary order of the short label (short name). If the DAB+ program list is empty, the DAB+ mode will always be displayed in the DAB menu mode.
3. Long press the "setting" button to enter the setting:
 - 3.1 Scan: Receive all the frequency channels, and save all the received programs in the DAB+ program list according to the dictionary order of the short label (short name). If the DAB+ program list is empty, the DAB+ mode will always be displayed in the DAB+ menu mode.
 - 3.2 Manual tune: Stop for a frequency point selected by DAB+, press the "OK" button, and enter the frequency point selection of DAB+. After selecting the frequency point, press the "OK" button to enter the manual station state. The signal strength of the frequency point is displayed. Press the "OK" or the "setting" button to exit the station.
 - 3.3 DRC: The dynamic gain range of DAB+ has a total of three levels: off, high, and low. Press the "OK" button to select, and the currently selected item is displayed with an asterisk.
 - 3.4 Prune: No/Yes.
 - 3.5 System: Press the "OK" button to enter.

4. Short press the "setting" button to switch the information display.
5. Store/Recall station instructions:
 - 5.1 Preset Store: Long press the "asterisk" button to enter the storage interface. Use the left and right buttons to view the program memorized at each memory point, and it will display the short label. If it is empty, it will display "Empty". After selecting a memory point, press the "OK" button again to save the playing program to this memory point.
 - 5.2 Preset Recall: Short press the "asterisk" button to enter the station selection interface. Use the left and right buttons to view the program memorized by each memory point. The display shows the short label. When a memory point is selected, press the "OK" button to recall and play the memory point. If the program of memory is empty, it will show "Empty".

3. FM Operation Instructions

1. Turn on the radio and short press the "power switch" button to switch to FM mode.
2. Auto Scanning: Press and hold the "OK" button, and the system will search from the low-end frequency to the high-end frequency according to the set stop sensitivity and save the received radio stations in the radio list in turn.
3. Store/Recall station instructions:
 - 3.1 Preset Recall: Short press the "asterisk" button to enter the station selection interface. Use the left and right buttons to browse all the FM stations in the station list in turn. After the station is automatically searched and saved, the short label will be displayed. If it is empty, it will display "Empty". Press the "OK" button to choose to play the current radio station.
 - 3.2 Preset Store: Manually tune in to your favorite station and press and hold the "asterisk" button to enter the station saving interface. Use the left and right buttons to view each list, which displays the short label. If it is empty, it displays Empty. When a list is selected, press the "OK" button again to save the current station to this list. (Note: After a new station is saved, the old station will be overwritten when you tune to the list number of an existing station and press the "OK" button)
4. Long press the "setting" button to enter the setting:
 - 4.1 Auto-Search: Press the "OK" button on the Auto-Search interface to automatically search for radio stations. The system will scan all the stations from the low-end frequency to the high-end frequency according to the set stop sensitivity and save the

received radio stations in the program list in turn.

- 4.2 Audio setting: Stereo allowed/Forced mono. Press the "OK" button to select. The selected item will display an asterisk.
- 4.3 Scan setting:
 - 4.3.1 Strong stations only scan for stations with strong signals, and the selected item displays an asterisk.
 - 4.3.2 All stations scan for all stations that can receive a signal and asterisks are displayed for selected items.
- 4.4 System: Press the "OK" button to enter.
5. Short press the "setting" button to switch the information display.

4. Bluetooth Speaker Operation Instructions

1. Turn on the device, and short press the "power switch" button to switch to the "BT" mode.
2. When "BT" is flashing, turn on the Bluetooth of your phone, search for "Noxon 411", click it and connect. When the device is connected, "BT" will not blink.
3. Short press "OK" to pause or play
4. Switch songs
 - 4.1 Press ">" to play the next song
 - 4.2 Press "<" to play the previous song
5. Volume control
 - 5.1 Press the + button, and the volume will increase.
 - 5.2 Press the - button, and the volume will decrease.

Long press “OK”, and the device will be disconnected from other devices and stay in the standby connection state. At this time, “BT” will keep flashing.

5. System Setting Instructions

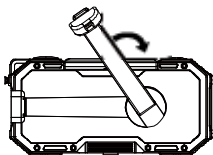
1. Long press the “setting” button on the main page to enter the system settings
2. Sleep: Sleep off 15/30/45/60/90/minutes
3. Alarm:
 - 3.1 Alarm 1 Setup; Alarm 2 Setup
 - 3.2 On-time/Duration: 15s/30s/60s/90s; Source: DAB/FM/BEEP; Periods: Once/Daily/Weekdays/Weekends; Volume: 0 - 32; Alarm: On/Off.
 - 3.3 Press the “power switch” button to turn off the alarm when the alarm dock rings. Press the “OK” button to enter snooze time, and the snooze time is 9 minutes.
4. Time settings:
 - 4.1 Set time/date.
 - 4.2 Auto update:
 - 4.2.1 Update from any/Update from DAB/Update from FM/No update
 - 4.3 Set 12/24 hour: set 12 hours/set 24 hours
 - 4.4 Set date format:
 - 4.4.1 DD-MM-YYYY/MM-DD-YYYY
5. Backlight:

- 5.1 Timeout: 10s/20s/30s/45s/60s/90s/120s/180s/Always on.
- 5.2 On level: High/Medium/Low
- 5.3 Dim level: High/Medium/Low.
- 6. Language:
 - 6.1 English/Deutsch/Italiano/Francais/Espanol/Dansk/Suomi/Portugues
- 7. Factory reset: NO/Yes.
- 8. SW version.

6. Handle Power Generation Description

- 1. Handle power generation/charging function. The standby charging function is only recommended for use in emergencies.

Note: Turn off the handle for power generation.



- 2. Press the figure above to take out the handle of the generator, shake clockwise and turn for 10 minutes, activate the internal battery, and start using. The display screen battery symbol shines when the device is charging.

Turn the handle at 130-150RMP/MIN, rotate for 30 minutes, and the internal battery has a 300MAH charge.

- Expose the device's solar panels straight to the sun. The display battery symbol shines when the device is charging. 5 hours of solar charging can power the radio for about 15 minutes or the integrated torch for about 1 hour.

Note: It must be charged in high and red light because only that light can be detected. Not charging (e.g. in indoor lighting). So, do not charge it in low light.

7. Fault Self-Solving

No.	Specifications	Solutions
1	Do not boot	Make sure that the equipment has power/determine that the power still cannot be started normally with the small tip inserted into the reset switch reset.
2	Don't charge	Choose 5V 0.5A or above charger charging Type-C charging port/some fixed protocol chargers will not charge. Please replace the charger.
3	No Radio Stations	Please pull out the rod antenna to the direction of the strong signal/please drop the floor sensitivity. Please refer to the setting parameter description: All stations.
4	Absence of voice	Press the volume + button to increase the volume/make sure it is not suspended.

5	The USB does not output the charging	Replace the charging cable
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8. Specification and Parameters

No.	Specifications	Parameters
1	Model	Noxon Dynamo-Solar 411
2	Weight	530g
3	Dimensions	178 × 55 × 85mm
4	Power	7W
5	Horn unit	7W
6	Battery capacity	5000mah*3.7V
7	DAB frequency	174 - 240MHZ
8	FM frequency	87.5 - 108MHz
9	Play mode	DAB/DAB+/FM/BT
10	Charging time	3H
11	Charging input	Type-C-5V/1.5A
12	USB output	5V/1.5A
13	Frequency range	80 HZ - 16KHz
14	IP rating	IPX5

Manufacturer:

Palotec AG

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