

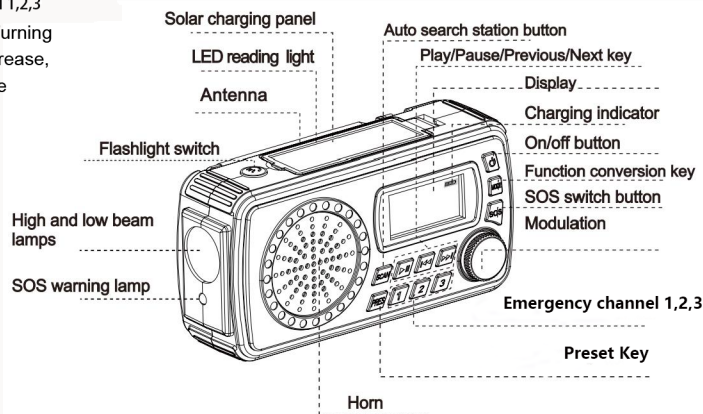
WB-12 Multi-function Radio Instruction Manual

Main Function

- This product is designed with dual channels when it leaves the factory. If there is WB weather frequency broadcast in power on or standby mode, the WB function will automatically turn on to broadcast the weather forecast
- With high beam lighting function, the lamp head is composed of a 1W super bright LED light source (can illuminate over 300 meters) and a special optical design to make the lighting brightness brighter and energy saving
- With reading lamp lighting function, it is composed of five 0.2W patch lamp beads, allowing you to enjoy reading anytime and anywhere
- Built in AM/FM/SW/WB/BT radio function enables you to listen anytime and anywhere
- 5V 2.0A output for emergency charging of different types of mobile phones
- Built in 4000mAh super capacity lithium battery
- Handshake power generation function to get rid of the embarrassment that the battery cannot be used when it is out of power
- Solar charging
- External Type-C charging
- Audio input AUX
- Bluetooth connection, time display/TF card and MP3 playback function

Panel Functions

- **Power** : In the shutdown state, long press to turn on the device, and long press to turn off the device
- **MODE**: It is a conversion function (AM/FM/SW/WB/BT/USB/TF/AUX function)
- **SOS**: It is an alarm function that can be operated in both standby and power-on modes
- **SCAN**: In radio mode, Press on "SCAN" to auto-scan and store radio stations. In time mode, long press the "SCAN" key to enter the time setting, and you can adjust the time to be set through **◀▶**
- **▶||**: The pause/play key can be reset by long pressing for 5 seconds in standby mode
- **◀◀**: In BT/USB/TF card mode, one press is the previous song, and long press is rewind. In FM/AM/SW/WB mode, press once to skip up the frequency, and long press to search up the radio station.
- **▶▶**: In BT/USB/TF card mode, one press is the next song, and long press is fast forward. In FM/AM/SW/WB mode, press once to skip down the frequency, and long press to search down the station
- **PRESET**: Short press the "PRESET" key to select pre stored radio stations, long press the "PRESET" key to store favorite radio stations in 1,2,3 Emergency channel, meanwhile press the **◀▶** to change the storage emergency channel.
- **1 / 2 / 3**: Emergency channel 1,2,3
- **VOLUME**: It is the encoder. Turning to the left is the volume decrease, and turning to the right is the volume increase



SOS Alarm

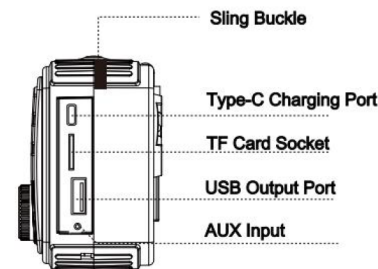
- Press the SOS button to turn on the SOS alarm in the startup and standby modes, and the red LED flashes and emits an alarm sound. The white light also flashes
- Push the OFF button to turn off the SOS function

Solar Charging

- When the solar panel is facing the sunlight, the red charging indicator is lit, indicating that the solar panel is charging the battery.
- The charging effect depends on the intensity of the sun light. The stronger the light is, the better the effect will be
- **☺**: It is the flashlight lighting button, which has two levels of brightness (press once for strong light, press again for weak light, and press again to turn off the light)
- Turn up the solar panel, and the reading lamp will light up; close the solar panel, and the reading lamp will go out.

Charging and Discharging Function

- The waterproof cover on the side of the product has USB output port and charging port.
- Connect the adapter to the Type-C charging socket on the right side of the unit to charge the lithium battery in the unit. The LCD screen displays the power information and charging symbols.
- Insert the attached charging cable into the USB output port of the phone, and insert the other end into the phone charging port to charge the phone. When discharging, the LCD screen displays the power information and charging symbol in descending order.

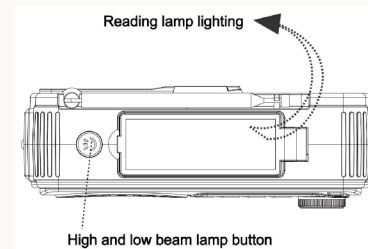


TF Card Playing and Using

- When you need to play MP3 music, select the **MODE** letter button, tap to select BT, and insert the memory card USB or TF to select the memory music you want to play.
- Press the PLAY/PAUSE **▶||** button to play music and pause again.
- Back **◀** the previous track (in TF card mode in the song: long press of this button is the rewind function, and one press of this button is the switch of the previous track).
- NEXT **▶** next track (long press of this button in the song is the fast forward function, press once to switch to the next song).

Bluetooth Audio

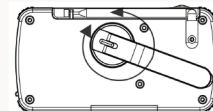
- XS-12 is suitable for Bluetooth devices. To do this, set the source selector to switch to BT mode. After the device is paired to "XS-12", you can play Bluetooth audio/music directly from your device and listen to speakers through XS-12.



- ◆ Note: Please close the solar panel when not in use

Manual Generator Charging

- Pull up the hand rocker, grasp the handle and rotate it (as shown in the above figure). The LCD screen displays the power information, charging amount information and charging symbol in turn.
- Turn the rocker clockwise or anticlockwise and keep the speed of 130 rpm for 1 minute at a constant speed. It can be used for flashlight lighting for 30 minutes or the radio working for about 6 minutes.



Technical Parameter

- Boundary dimension: 160 * 57 * 82 (mm)
- Operating weight: about 400g
- Maximum power consumption: 5 W
- Radio frequency range:
AM:520~ 1710KHz
FM:87.0 ~ 108MHz
SW:2.3 ~ 22MHz
WB:162.400 ~ 162.550MHz
- Working voltage: 2.7V~4.2V
- Model of rechargeable battery: two 18650 3.7V/4000mAh lithium batteries

Matters Needing Attention:

- If the flashlight is used for the first time or is not used for more than 60 days, it is necessary to manually generate electricity for 1 minute before use, or use solar panels to charge the internal batteries to regenerate the batteries.
- The product shall not be strongly impacted, knocked or contacted with corrosive liquid.
- When using this machine, please do not discharge excessively, so as not to reduce the service life of the battery inside the machine, or even damage the rechargeable battery inside the machine.
- Avoid the direct light of the flashlight to the eyes, because strong light will hurt the eyes.

Products Include:

- complete machine
- Charging line
- instructions
- packing box
- Mountaineering buckle

FCC Warning

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.