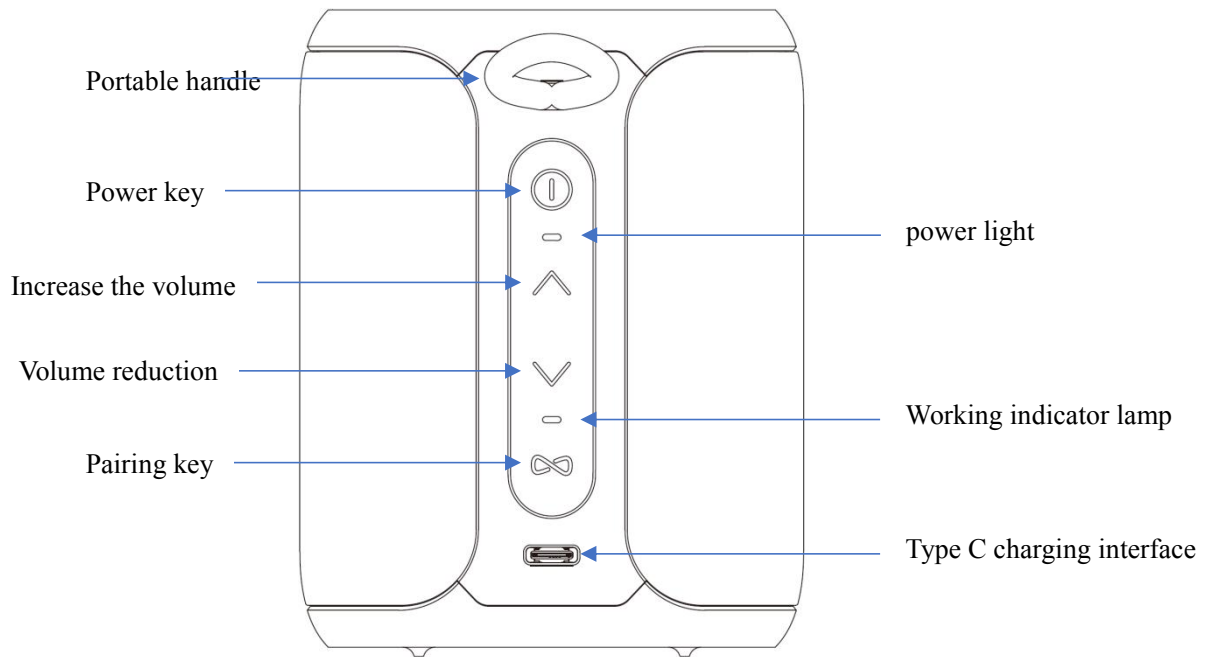


Brief operating instructions for NS100



project	specifications
fundamental function	Bluetooth music playback, Bluetooth hands-free call, TWS wireless stereo.
Bluetooth version	5.3
Wireless distance	Equipment distance > 10m; TWS>5m
output rating	14W at 1KHz/0dB
Speaker unit specification	52mm 3Ω 15W 1PCS
Specification of passive radiator	Built-in radiator 1PCS
Internal battery specification	18650 2500mAh 3.7V 9.25Wh
Input power supply	DC 5V 700mA
Limit input voltage	DC 20V
power source	Type C
Frequency response range	80Hz-20KHz
SNR	>75dB(A weight) @1KHz 1W
THD total harmonic distortion	<1% @1KHz 1W
Maximum distortion	<1% @1KHz MAX Volume
Maximum volume playback time	3.5 hours
50% volume playback time	22 hours
Charging time	3-4 hours
the protection grades	IPX6
measure	Φ80mm*H102mm
Bare metal weight	296g
sheathing material	ABS+ silica gel+cloth net+fabric lanyard

Applicable standards	CE ; RoHS
storage temperature	-20°C~60°C
operating temperature range	-10°C~55°C
Operating humidity range	<80%
Working altitude range:	<2000m
Storage time	When fully charged, it can be stored for up to 1 year. It is recommended to charge it every 3 months.

- 1、Power on/off: press and hold the  button for 2 seconds to turn the machine on and off.
- 2、Connect Bluetooth: After the speaker is turned on, the work indicator flashes blue. Turn on the Bluetooth of the mobile phone, and search for a device named NS100. Click on the device to connect, and the work indicator always lights blue. After the next boot, the speaker will automatically connect back to the phone, of course, the Bluetooth of the phone needs to be turned on.
- 3、Hands-free call: After an incoming call, press the  key for hands-free answer, and then press the  key for hanging up.
- 4、Pause/play music: short press  key to pause/continue playing music.
- 5、Volume adjustment: Press the  key to increase the volume, and press the  key to decrease the volume, and the volume will return to the default volume of 50% after each boot.
- 6、Track switching: press the  key for 2 seconds to switch the next song, and press the  key for 2 seconds to play the previous song.
- 7、TWS connection: After the two speakers are turned on, connect one of them to the Bluetooth of the mobile phone, and don't connect the other one with any equipment. Then press the  key of the two speakers at the same time, and the work indicator will flash blue and white alternately. After the pairing is completed, the work indicator will always be on. The blue one is the left channel speaker, and the white one is the right channel speaker. After the next reboot, the two speakers will be automatically connected back to TWS and the mobile phone.
- 8、Clear the connection: press and hold the  key for 2 seconds to clear and disconnect the connection between Bluetooth and TWS, the speaker will enter the waiting pairing state, and the work indicator will flash blue.
- 9、Energy saving: when the speaker stops working for more than 20 minutes, it will automatically shut down to save electricity.
- 10、Charging: When the passive radiator at the top of the speaker flashes red, it means that the power is about to run out. At this time, the speaker will automatically reduce the volume and enter the power-saving state. Please charge the speaker as soon as possible. When charging, the power indicator is always on orange, and when the power indicator is always on green, it means that the charging is complete. * * * Please note: Please charge the speaker at least once every 3 months after long-term non-use to extend the battery life.
- 11、Colorful lighting effect adjustment: the passive radiator at the top of the speaker has colorful dazzling lighting effect. You can double-click the  button to switch the display effect or turn off the lighting effect.

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