

NBY230 specification

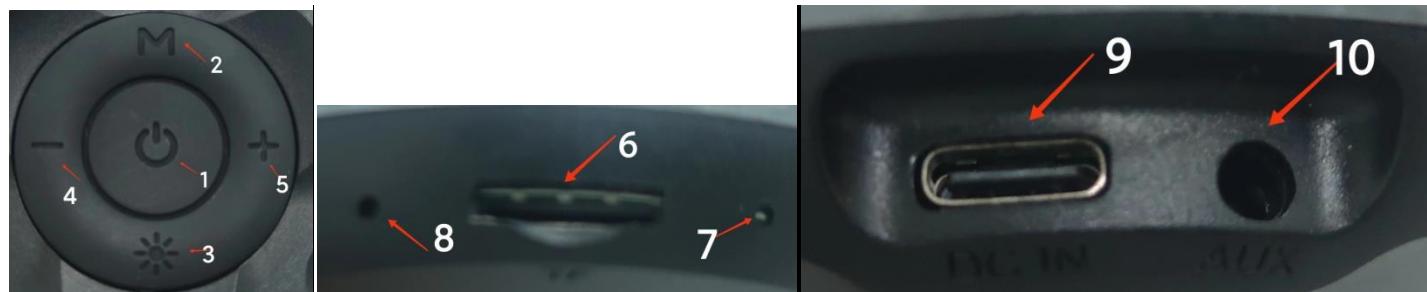
Basic parameter

- Bluetooth version: V5.3 supports protocol A2DP, AVRCP, HSP, HFP, AVTDP to receive stereo audio signals, through the protocol can control the audio transmitter up \ down, volume up \ down, playback \ pause and other operations; Support Bluetooth hands-free voice communication, callback, reject calls and other functions
- Wireless transmission range: $\geq 10m$
- Bluetooth operating frequency: 2.402GHz-2.480GHz
- Audio signal-to-noise ratio: $\geq 90\text{Db}$
- Frequency response: 100HZ-20KHZ
- Battery specification: built-in lithium battery 3.7V, 500mAh+MOS protection
- Speaker specifications: $\phi 52\text{mm}$, $4\Omega 5\text{W*1}$
- Charging voltage/current: 5V/1A
- Charging time: about 2h
- Playing time: about 1.5-3h
- Main machine size: diameter 87mm * height 58mm
- Main unit net weight: about 205g

Functional characteristics

- ◆ Support Bluetooth hands-free calling
- ◆ Bluetooth mode no connection, 10 minutes automatic shutdown
- ◆ Using advanced wireless Bluetooth decoding chip, support all wireless device connection
- ◆ Support FM radio, you can directly search the radio station in the listening area; THE FREQUENCY BAND IS 87.5HZ-108MHZ
- ◆ High-power full-range speakers: powerful bass, strong dynamics; The vocals are sweet and soft; Strong sense of high and low depth
- ◆ Support 64G large-capacity TF card music playback
- ◆ Support 3.5mm headphone head AUX audio input playback: provide you with computer audio function, can be directly connected to desktop computer, laptop, tablet and TV Bluetooth pairing to play music
- ◆ Built-in large-capacity lithium battery, easy to carry; Support charging and discharging functions
- ◆ It adopts TYPEC high-current charging base
- ◆ Bluetooth playback volume is synchronized with the phone
- ◆ TWS couplet play
- ◆ 360 °surround playback
- ◆ 360 °degrees a variety of RGB light effect mode selection
- ◆ Detect low battery power and automatically shut down to protect battery life;

Functional indication



1. on off keying/playsuspend:

- 1、When long pressing for 3s: power on \ off function;
- 2、In music mode (Bluetooth, TF card, AUX): short press to play\pause function;

2、When connected to the phone in Bluetooth mode: double-click to call back the function; When a call is called, short press to answer the call hands-free, long press to reject the call function, and then short press after answering the call to hang up the phone function; In FM mode: Short press for automatic search/stop search

3. Mode key/TWS key :

- 1、Short press in music mode to switch TF card, AUX, FM, BT mode;
- 2、Power on Bluetooth mode and long press this button to turn on/off TWS couplet;

3. RGB light effect keys:

- 1、This machine has a variety of built-in RGB lighting effect modes, short press this key to stream light dazzling, breathing, gradient, two-color dazzling, single color rotation change, monochrome change, red solid light, blue solid light, green constant light, spectrum monochrome color change flash a total of 10 kinds of lighting effects; Long press to turn on\off the light effect; (radio mode automatically turns off the light effect)

4. Volume down/previous track:

- 1、Long press in music mode for volume reduction function, short press for previous song function;
- 2、FM mode time press for the volume reduction function, short press for the previous station function;

5. Volume Plus/Next Track:

- 1、Long press in music mode for volume plus function, short press for the next song function;
- 2、Long press in FM mode for volume plus function, short press for next station function;

6. TF card input interface: when the TF card is inserted, it can decode the audio playback in MP3\WAV format, and the maximum support is 64G capacity; Unplug separately to automatically switch BT mode;

7. LED light indicates the hole:

- Charging status: solid red light
- Charging complete: The red light goes off
- Power on standby state: blue light flash; When playing music: blue light flashes slowly; Bluetooth pairing successful: no play/playback pause status: blue light is solid

8. Bluetooth call hole: It is better to get close to this hole when making Bluetooth calls;

9. Charging interface: DC 5V/1~2A TYPEC input;

10. AUX audio input: automatically switch AUX mode after plugging in the 3.5mm headphone audio cable, and automatically return to BT mode when unplugged separately;

Remark : 1. Since the RGB lamp will cause the signal to dry FM when it is lit, the software will automatically turn off the lighting effect when switching to FM to achieve a better radio effect (the

charging cable or AUX cable must be plugged in as an antenna when FM);
2. TF card support system formats: FAT16, FAT32;

FCC Statement

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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 0cm between the radiator and your body.