

XN806 User manual

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FCC ID: 2AVHHG80XXC

1: Components

Power part:

This product uses DC 12 power supply, reducing voltage to 5V through 7805, 12V power supply to power amplifier, LED light belt, PTC heating module.

After voltage reduction, 5V supplies power to Bluetooth chip.

Power amplifier:

With CS8618 dual channel class D power amplifier chip, advanced EMI suppression technology can meet EMC requirements, with built-in over-current protection, short-circuit protection and overheating protection. It can effectively protect the chip from damage under abnormal working conditions.

Bluetooth part:

Bluetooth chip model AC19AP22547, Bluetooth supports V5.0+BR+EDR protocol, the main control is 32-bit RISC MCU, the system can run to 200MHz, the Bluetooth background is flexible, and the peripheral interface is rich; support USB, SDIO, UART, SPI, IIC, PWM, IIS, LCD controller, RTC, TIMER, MIC, ADC, DAC, AUX, touch key, recording, reverberation and other functions; Support TWS: bilateral call, sound quality and bottom noise, good call effect: DAC signal-to-noise ratio up to 90dB .

2: Usage:

Xn003 mainly uses Bluetooth to connect mobile phones or other devices for music playing and handsfree calls. Simple pairing, turn on your phone, search for Bluetooth devices, and select a connection. Open the music player of the mobile phone, and the music can be transmitted to the Bluetooth board wirelessly through Bluetooth for music playing. To play music, you can press the key to switch up and down music and adjust the volume. It supports the handsfree call function. When there is a call, it will play the call prompt tone, and can answer or hang up the call by pressing the key. In addition, the date and time can be displayed, and the current date and time can be set by pressing the key. It can display the ambient temperature. By pressing the

key, the LED light can be on and off and the brightness can be adjusted. And can control the opening and closing of PTC heating.

3: Function Description:

1): Bluetooth music play and handsfree phone function. After power on, the default is clock display mode. You need to press [Bluetooth key] briefly to turn on the Bluetooth function, and the Bluetooth icon lights up. Indicates Bluetooth is on. Then search for Bluetooth devices on your phone and click Connect. When playing the song, touch [Bluetooth key] to pause, and then touch normal play again. Touch the [+ - key] to adjust the volume, touch the setting key [set] to display the music icon and flash. During the flashing period, touch the [+ -] key to select the previous or next music. Touch [Bluetooth key] when there is a call during Bluetooth connection to answer the call hands-free, and long press [Bluetooth key] for 3 seconds to turn off Bluetooth.

2): Time setting: long press the setting key [set] for 3 seconds when Bluetooth is not turned on, and the screen will display the year and flash. This is the year required by touching the [+ -] key for adjustment. After adjustment, touch the setting key [set] twice, then the month will flash, then touch the [+ -] key for adjustment, and then touch the setting key [set] again, then the day number will flash and touch [+ -] key to adjust the required number. Touch the setting key again to adjust the hour and minute in turn, and then touch the setting key [set] again to complete the date and time setting.

3): Light adjustment: short press [light key] to turn on the light 1, touch twice to turn on the light 2, touch three times to turn off the light within 5 seconds, long press the light key in the light state to change the light brightness and memory, the next time you turn on the light is the last time you turn on the light and brightness.

4): Heating function: short press [heating key] to turn on the heating, remove the fog on the mirror for about 10 minutes, and short press [heating key] again to turn off the heating.

FCC Statement

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.