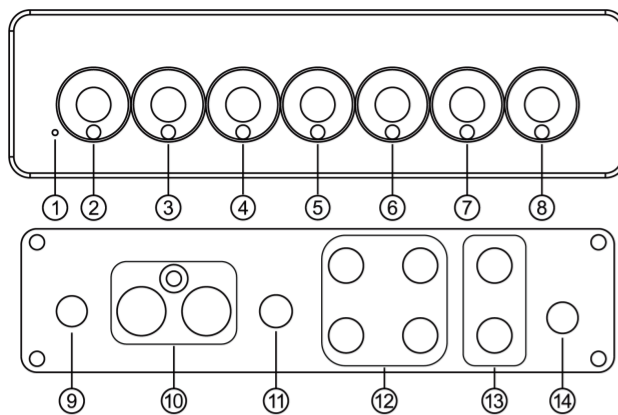


NS-14G Front and rear panel description



- ① Input indicator (Red: RCA; Blue: Bluetooth)
- ② On/off/Switch channels knob
- ③ Bass frequency knob
- ④ Bass volume control knob
- ⑤ Bass knob
- ⑥ Treble knob
- ⑦ Channel balance knob
- ⑧ Main volume control knob
- ⑨ Bluetooth antenna socket
- ⑩ RCA input (White/Left channel, Red/Right channel)
- ⑪ AUX output
- ⑫ Speaker output (positive/+, negative/-; L to left speaker, R to right speaker)
- ⑬ Subwoofer output
- ⑭ Power interface (DC 15-24V)

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Operation steps

1. Before use, please make sure the volume is at the minimum and NS-14G is off.
2. Connect passive speakers to the speaker output and a passive subwoofer to the subwoofer output of NS-14G, or connect an amplifier and active speakers to the AUX output to build a multi-channel system.
3. Wired input:
Connect the audio source (via RCA cable) to the RCA input of NS-14G.
4. Connect power adapter to NS-14G and then plug the power cable to the socket, and clockwise rotate the power knob to RCA input position (There will be red indicator on).
5. Wireless input:
Clockwise the power knob to Bluetooth input (There will be blue indicator flashing). Turn on Bluetooth on your phone, search and click to connect, the indicator will be steady blue after successful connection.
6. Play music on the audio source, all knobs of the treble/bass and main volume, bass frequency and bass volume, even balance of L/R channel can be adjusted according to your preferences and enjoy music.
7. After use, please anti-clockwise rotate the power knob to power off first, and then disconnect the power adapter.

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Parameters

Audio input	Bluetooth/Stereo RCA
Audio output	AUX/Banana speaker jacks
Number of channel	2.1
Max output power	50W*2(L/R channel)+100W(subwoofer)
Speaker impedance	4-8Ω(L/R) 2-8Ω(subwoofer)
Treble and bass adjustment range	±6dB
AUX max output level	1.2V
THD	0.07%(1kHz)
Bass cutoff frequency	40-120Hz
SNR	>92dB
Input sensitivity	0.775V
Working voltage	DC 15-24V
Frequency response	20Hz-20KHz(±2dB)
Package weight	1.06kg/2.33lb
Package dimensions(W*D*H)	230*290*60mm/9.06*11.42*2.36in

FAQ

- Q: Why are all cables connected but there is no sound?
- A: 1. If the power indicator light isn't on, please use another power supply to detect whether the fault is the power supply or NS-14G.
2. If the power indicator light is on but there is no sound, so the power

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supply is normal. Please continue to check according to the order of audio signal transmission: audio source → audio cable → preamp/decoder → amplifier → speaker.

3. If all is fine, please check whether the audio source is muted, paused or the volume is too small.

Q: Why is the sound distorted? How to adjust the treble, bass and main volume?

A: Maybe the input amplitude is too large. If the volume of audio source and NS-14G both are turned to maximum, it is easy to cause distortion. Please turn down the volume of audio source or NS-14G. In general, adjust the volume of amplifier to about 60%, then fine-tune the volume of preamp (distortion will be greatly reduced in this way); the treble and bass are usually adjusted according to the music style/device types/personal preference.

Q: Why is there a loud current sound or buzzing sound on the speaker?

- A: 1. Please use the original power supply. Many power supplies in the market have interference, which will cause current sound.
2. When using unshielded signal cable in no load, there will be interface signals. Please use the shielded signal cable or unplug it.
3. If there is still noise after eliminating above situations, please confirm whether it is external noise or internal noise. Disconnect all inputs and only retain power supply and power cable. If the noise disappears, it is from audio input; if the noise is still there, it is possibly caused by the power supply or the internal of NS-14G.

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Q: Why does the volume of different audio sources (such as changing CD player to phone) differ when the volume of NS-14G is unchanged?

A: Different audio devices can output different signal amplitudes, for example, the phone usually is 0.35V, while CD player is 1V.

Q: How to adjust the treble and bass better?

A: Treble and bass control is to compensate for the lack of equipment and environment, which can be adjusted according to the music, listening environment and one's own preferences. (The scale points to 12 o'clock means 0 gain, anti-clockwise rotate to decrease and clockwise rotate to increase).

Q: Why there is no sound or very little sound after the amplifier is connected to the speaker?

- A: 1. Please check the audio source has been turned on and the volume is not at the minimum.
2. Please confirm whether the speaker and amplifier match (For example, the speaker is fixed resistance or fixed voltage, the power of speaker is too much over the power of the amplifier etc).

Q: What are the reasons for the unbalanced left and right volume of the speakers and how to eliminate them?

A: Please check audio source, input cable, volume potentiometer (some amplifiers have balanced control or separate volume control of left and right channel), speaker cable, speakers (whether the position and the distance is symmetrical) and other factors.

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Q: Why Bluetooth cannot be searched? How to switch to Bluetooth mode?

A: Toggle the input switch on the panel or press "SELECT" button on remote control to switch to BT mode, there will be blue light flashing, then use your phone or tablet to search for "BT HIFI AUDIO", click and connect it, then play music. (The Bluetooth name may differ in different models of products, please refer to the user manual of each product).

Q: Why does the Bluetooth playback lag or even disconnect? Why is the Bluetooth background noise/current noise obvious?

A: Please check whether the Bluetooth antenna is installed correctly, whether there is interference or blocking (such as WiFi router / wireless telephone / FM radio, etc., since they may be in the same frequency band as Bluetooth, and inductive loads such as fans/refrigerators/air conditioners will also cause some interference), whether the Bluetooth is blocked or too far away from the device (more than 15 meters).

Q: Can the NS-14G be connected to my computer via Bluetooth? Why is there no sound when connected to PC?

A: Compared with phones, computers with poor compatibility and troublesome operations when using Bluetooth. Need the computer with Bluetooth function and to update the driver and set the output device to Bluetooth after connection.

Q: Why is there a thumping sound when switching on/off?

A: Please confirm the on-off sequence is correct, normally it follows the order of signal transmission when turn on: audio source → preamp /

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DAC → amplifier → speaker. (The sequence is reversed when switching off. As the internal capacitors will be discharged for a while after shutdown. If turn off the preamp firstly and then turn off amplifier, impact sound will be easily caused which may damage the amplifier or speaker in severe cases).

Warning

1. Please do not open the shell by yourself, improper operation may cause a risk of electric shock.
2. Please use the regular manufacturer's switching power supply, otherwise there will be the risk of damage to NS-14G.
3. Please do not use NS-14G in a high temperature and humidity environment.
4. Default 19V power supply, can satisfy the needs of most home speakers. If you need higher power output, please prepare a high-quality and large power supply by yourself (DC 15-24V).

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