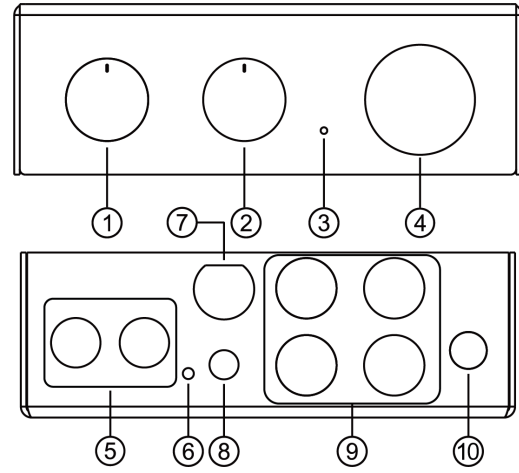


Front and rear panel description

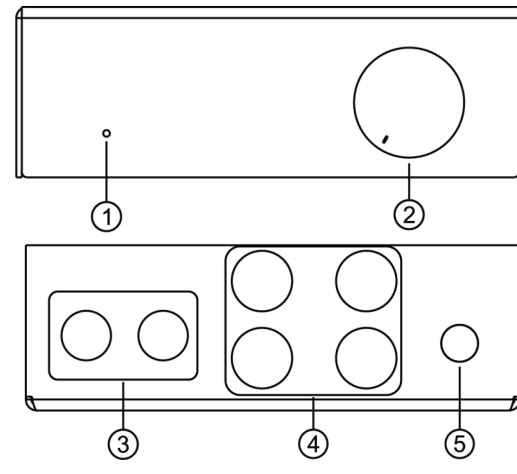
G3



- ① Bass knob
- ② Treble knob
- ③ Indicator light:
Red light: Steady on: AUX input mode;
Flashing: when the volume is adjusted to the maximum
Blue light: Steady on: Bluetooth connected
Flashing: 1) Bluetooth input mode and unconnected
2) When the volume is adjusted to the minimum
- ④ Main volume knob (short press to power on/switch input mode;
long press to turn off; rotate to adjust volume)
- ⑤ RCA input
- ⑥ Bluetooth reset switch (press and hold for 2 seconds)
- ⑦ Bluetooth antenna socket
- ⑧ AUX output
- ⑨ Speaker interface (red / positive, black / negative;
R to right speaker, L to left speaker)
- ⑩ Power interface (DC12V-24V)

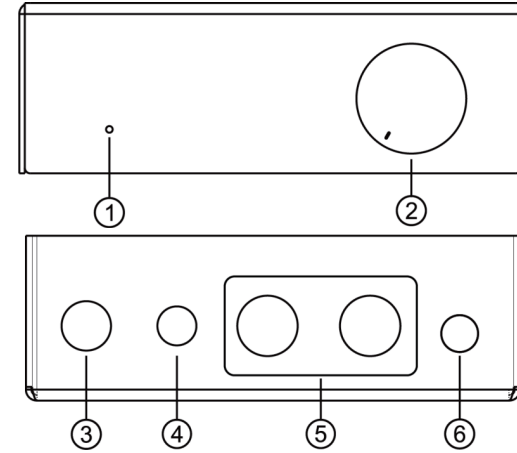
— 1 —

NS-06G



- ① Power indicator light
- ② On/off, volume control knob
- ③ RCA input (white / left channel,
red / right channel)
- ④ Speaker interface (red / positive,
black / negative; R to right speaker,
L to left speaker)
- ⑤ Power interface (DC12V-24V)

NS-21G



- ① Power indicator light
- ② On/off, volume control knob
- ③ RCA input (white / left channel,
red / right channel)
- ④ Speaker interface (red / positive,
black / negative; R to right speaker,
L to left speaker)
- ⑤ Power interface (DC12V-24V)

— 2 —

- ① Power indicator light
- ② On/off, bass cutoff frequency knob
- ③ RCA input
- ④ AUX input
- ⑤ Subwoofer output jacks
- ⑥ Power interface (DC12V-24V)

Parameters

Model	G3	NS-06G	NS-21G
Audio input	Bluetooth/RCA	RCA	RCA/AUX
Audio output	AUX/Banana Speaker Jacks	Banana Speaker Jacks	Subwoofer out
Rated output power(4Ω)	55W*2	60W*2	100W
Frequency response	20Hz-20KHz (±1.5dB)	20Hz-20KHz (±1.3dB)	/
Bluetooth	Support	/	/
Bass cutoff frequency	/	/	20-160Hz
RCA input sensitivity	0.775V	1V	0.775V
AUX Rated output level	1.8V	/	/
THD+N	0.1%	0.04%	0.04%
SNR	>86dB	>101dB	>103dB
Speaker impedance range	4-8Ω		
Voltage range	DC12-24V		
Package weight	0.85kg	0.84kg	0.8kg
Dimensions(W*D*H)	180*210*53mm		

Operation steps

➔ G3

1. Connect passive speakers to the banana speaker jacks output of G3, or connect an active speaker, amplifier to the 3.5mm AUX output of G3.
2. Wired input: Connect the audio source to the RCA input of G3;
3. Connect the power adapter to G3 and then plug the power cable into the socket, and short press the main volume knob to switch to turn it on, and short press again to switch to corresponding input mode.
4. Wireless input
Please short press the main volume knob to power on and then short press to switch to Bluetooth mode(the blue indicator will flashing). Turn on Bluetooth on your phone, search and click to connect, the indicator will

— 3 —

- be steady blue after successful connection.
5. Play music on the audio source, adjust the treble/bass and main volume according to your preferences and enjoy music.
6. After use, please long press the main volume knob to turn off the G3, and then disconnect the power adapter.

➔ NS-06G

1. Connect the passive speakers to banana speaker jacks output of NS-06G;
2. Connect the power adapter to NS-06G and then plug the power cable into the socket, and clockwise rotate the power knob to turn it on.
3. Connect the audio source to the RCA input of NS-06G;
4. Play music on the audio source, adjust the main volume according to your preferences and enjoy music.
5. After use, please anticlockwise rotate volume knob to the far left to turn off the NS-06G, and then disconnect the power adapter.

➔ NS-21G

1. Connect passive subwoofer to the subwoofer output of NS-21G;
2. Connect the power adapter to NS-21G and then plug the power cable into the socket, and clockwise rotate the power knob to turn it on.
3. Connect the audio source to the RCA or AUX input of NS-21G(only one input can be used at a time; do not connect both inputs simultaneously).
4. Play music on the audio source, and adjust the bass cutoff frequency knob for better bass integration and enjoy music.
5. After use, please anticlockwise rotate power knob to the far left to turn off the NS-21G, and then disconnect the power adapter.

FAQ

Q: All cables are connected, why is there no sound output?

A: 1. Please check the indicator:

- ① If it can light up normally, please check if the corresponding input mode is selected.
- ② If it cannot light up, please use another power supply to detect whether the fault is the power supply or G3/NS-06G/NS-21G.

2. If the indicator is on but there is no sound, the power supply is normal. Please continue to check according to the order of audio signal transmission: audio source → audio cable → preamp/decoder → amplifier → speaker.

— 4 —

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?
- A: Maybe the input amplitude is too large. If the volume of G3/NS-06G and the audio source are both adjusted to maximum, it is easy to cause distortion. Please turn down the volume of audio source or G3/NS-06G.

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 power supply or the internal of G3/NS-06G/NS-21G.

Q: Why does the volume of different audio sources (such as changing CD player to phone) differ when the volume of G3/NS-06G/NS-21G is unchanged?

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

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

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

A: Only the G3 supports Bluetooth input. Short press the main volume knob to select Bluetooth input mode. The indicator light will turn blue and flash, then use your phone or tablet to search for "G3", select it and connect, then play music.

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

A: Please check 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 /

— 5 —

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: 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 / 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.)

Warm tips

1. The G3/NS-06G/NS-21G use a mechanical carbon-film potentiometer for minimal sound quality loss. When driving high-sensitivity devices, slight channel imbalance at very low volumes is normal due to inherent tolerance. To avoid this, you can lower the volume on your audio source and raise the volume on the G3/NS-06G.
2. Please do not open the shell by yourself, improper operation may cause a risk of electric shock.
3. Please use the regular manufacturer's switching power supply, otherwise there will be the risk of damage to the machine.
4. Please do not use the machine in a high temperature and humidity environment.

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— 6 —

Parameter

Model	G3	NS-06G	NS-21G
Audioeingang	Bluetooth/Cinch	RCA	RCA/AUX
Audioausgang	AUX/ Bananenbuchsen	Bananenstecker- Lautsprecherbuchsen	Subwoofer- Ausgang
Nennausgangsleistung (4 Ω)	55 W*2	60 W*2	100 W
Frequenzgang	20 Hz-20 kHz (±1.5 dB)	20 Hz-20 kHz (±1.3 dB)	/
Bluetooth	Unterstützung	/	/
Bass-Grenzfrequenz	/	/	20-160Hz
Cinch-Eingangsempfindlichkeit	0.775 V	1 V	0.775 V
AUX-Nennausgangspegel	1.8 V	/	/
THD+N	0.1 %	0.04 %	0.04 %
SNR	> 86 dB	> 101 dB	> 103 dB
Lautsprecherimpedanzbereich	4-8Ω		
Spannungsbereich	DC 12-24 V		
Verpackungsgewicht	0.85 kg	0.84 kg	0.8 kg
Abmessungen (B x T x H)	180*210*53 mm		

Arbeitsschritte

➔ G3

1. Schließen Sie passive Lautsprecher an den Bananenstecker-Ausgang des G3 oder einen aktiven Lautsprecher bzw. Verstärker an den 3,5-mm-AUX-Ausgang des G3 an.
2. Kabelgebundener Eingang: Schließen Sie die Audioquelle an den Cinch-Eingang des G3 an.
3. Schließen Sie das Netzteil an das G3 an und stecken Sie das Netzkabel in die Steckdose. Drücken Sie kurz den Lautstärkeregel, um das Gerät einzuschalten. Drücken Sie erneut kurz, um in den entsprechenden Eingangsmodus zu wechseln.
4. Kabelloser Eingang: Drücken Sie kurz den Lautstärkeregel, um das Gerät einzuschalten, und dann kurz, um in den Bluetooth-Modus zu wechseln (die blaue Anzeige blinkt). Aktivieren Sie Bluetooth auf Ihrem Smartphone, suchen Sie nach dem Gerät und klicken Sie darauf, um

— 7 —

eine Verbindung herzustellen. Nach erfolgreicher Verbindung leuchtet die Anzeige dauerhaft blau.

5. Spielen Sie Musik über die Audioquelle ab, stellen Sie Höhen/Bässe und die Lautstärke nach Ihren Wünschen ein und genießen Sie die Musik.
6. Halten Sie nach Gebrauch den Lautstärkeregel gedrückt, um das G3 auszuschalten, und trennen Sie anschließend das Netzteil.

➔ NS-06G

1. Schließen Sie die passiven Lautsprecher an den Bananenstecker-Ausgang des NS-06G an.
2. Schließen Sie das Netzteil an das NS-06G an, stecken Sie das Netzkabel in die Buchse und drehen Sie den Netzschalter im Uhrzeigersinn, um das Gerät einzuschalten.
3. Schließen Sie die Audioquelle an den Cinch-Eingang des NS-06G an.
4. Spielen Sie Musik über die Audioquelle ab, stellen Sie die Lautstärke nach Ihren Wünschen ein und genießen Sie die Musik.
5. Drehen Sie nach Gebrauch den Lautstärkeregel gegen den Uhrzeigersinn ganz nach links, um das NS-06G auszuschalten, und trennen Sie anschließend das Netzteil.

➔ NS-21G

1. Schließen Sie den passiven Subwoofer an den Subwoofer-Ausgang des NS-21G an.
2. Schließen Sie das Netzteil an das NS-21G an, stecken Sie das Netzkabel in die Buchse und drehen Sie den Netzschalter im Uhrzeigersinn, um das Gerät einzuschalten.
3. Schließen Sie die Audioquelle an den Cinch- oder AUX-Eingang des NS-21G an (es kann immer nur ein Eingang verwendet werden; schließen Sie nicht beide Eingänge gleichzeitig an).
4. Spielen Sie Musik auf der Audioquelle ab und passen Sie den Bass-Grenzfrequenzregler für eine bessere Bassintegration an und genießen Sie die Musik.
5. Nach Gebrauch drehen Sie den Netzschalter gegen den Uhrzeigersinn ganz nach links, um das NS-21G auszuschalten, und trennen Sie anschließend das Netzteil.

— 8 —

パラメータ

モデル	G3	NS-06G	NS-21G
オーディオ入力	Bluetooth/RCA	RCA	RCA/AUX
オーディオ出力	AUX/バナナスピー カー ジャック	バナナスピー カージャック	サブウーファ ー 出力
定格出力(4Ω)	55W*2	60W*2	100W
周波数応答	20Hz-20KHz (±1.5dB)	20Hz-20KHz (±1.3dB)	/
Bluetooth	サポート	/	/
低音カットオフ周波数	/	/	20-160Hz
RCA入力感度	0.775V	1V	0.775V
AUX定格出力レベル	1.8V	/	/
THD+N	0.1%	0.04%	0.04%
SNR	≥86dB	≥101dB	≥103dB
スピーカーインピー ダンス範囲	4-8Ω		
電圧範囲	DC12-24V	DC12-24V	DC12-24V
パッケージ重量	0.85kg	0.84kg	0.8kg
寸法(幅*奥行き*高さ)	180*210*53mm		

操作手順

➔ G3

1. パッシブスピーカーをG3のバナナスピーカージャック出力に接続するか、アクティブスピーカー、アンプをG3の3.5mm AUX出力に接続します。
2. 有線入力: オーディオソースをG3のRCA入力に接続します。
3. 電源アダプターをG3に接続し、電源ケーブルをソケットに差し込み、メインボリュームノブを短く押ししてスイッチをオンにし、もう一度短く押しして対応する入力モードに切り替わります。
4. ワイヤレス入力
メインボリュームノブを短く押しして電源を入れ、次に短く押ししてBluetoothモードに切り替わります(青いインジケータが点滅します)。お使いの携帯電話でBluetoothをオンにし、検索してクリックして接続します。接続が成

— 9 —

功するとインジケータが青く点灯します。

5. オーディオソースで音楽を再生し、好みに応じて高音/低音とメインボリュームを調整して音楽をお楽しみください。
6. 使用後は、メインボリュームノブを長押ししてG3の電源をオフにし、電源アダプターを外してください。

➔ NS-06G

1. パッシブスピーカーをNS-06Gのバナナスピーカージャック出力に接続します。
2. 電源アダプターをNS-06Gに接続し、電源ケーブルをソケットに差し込み、電源ノブを時計回りに回してオンにします。
3. オーディオソースをNS-06GのRCA入力に接続します。
4. オーディオソースで音楽を再生し、好みに応じてメインボリュームを調整して音楽をお楽しみください。
5. 使用後は、ボリュームノブを反時計回りに一番まで回してNS-06Gの電源をオフにし、電源アダプターを外してください。

➔ NS-21G

1. パッシブサブウーファをNS-21Gのサブウーファ出力に接続します。
2. 電源アダプターをNS-21Gに接続し、電源ケーブルをソケットに差し込み、電源ノブを時計回りに回して電源を入れます。
3. オーディオソースをNS-21GのRCAまたはAUX入力に接続します(一度に使用できる入力は1つだけです。両方の入力を同時に接続しないでください)。
4. オーディオソースで音楽を再生し、Bass Cutoff Frequency ノブを調整して、低音の統合を改善し、音楽を楽しみます。
5. 使用後は、電源ノブを反時計回りに左に回して NS-21G の電源をオフにし、電源アダプターを外します。

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— 10 —

DOUK AUDIO
MAKE HI-FI AFFORDABLE

G3 & NS-06G & NS-21G

— 11 —