



Natasha Guitars



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We have created a magical new way to interact with acoustic guitar.
Redefined by digital technology.
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NBSG Guitar Preampfier
User Guide

APP Usage Steps (APP使用步骤) :

Step 1: Scan the QR code in the instruction manual to download and install the "Natasha Guitars" mobile app.

Step 2: Open the Natasha Guitars app on your phone and connect to the "NATASHA_NBSG XXXX" Bluetooth name within the app. Here, XXXX represents the unique ID number for each guitar.

Step 3: Tap on the "Personal Center" option located at the bottom right corner, then register and log in to your personal account. Once registered, you can enter the exciting world of NATASHA's smart guitars.

If you would like to watch product tutorials, click on the "Tutorials" section and select "NBSG" to access the app usage tutorials.

第一步：扫描说明书二维码下载和安装“Natasha Guitars”APP客户端；
第二步：手机打开Natasha Guitars APP，在AAP内连接“NATASHA_NBSG XXXX”蓝牙名名称进行连接，这里的XXXX是每把吉他独有的ID号码；
第三步：点击右下角“个人中心”，然后注册登录个人账号，注册完成后就可以进入NATASHA精彩的智能吉他世界畅玩了。

如果你想观看产品教程，请点击使用教程，选择“NBSG”，您就可以观看APP的使用教程了。

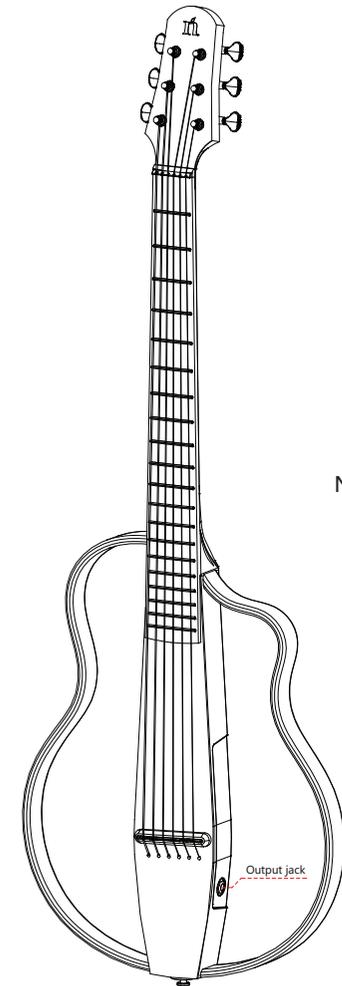
Thank you for choosing Natasha Guitars. The NBSG guitar you have chosen is a new type of silent guitar made from bamboo material. It is the world's first guitar that replaces all wood with bamboo, a sustainable and renewable plant. Using bamboo as the primary material for guitar construction is an innovative approach that reflects Natasha guitars' commitment to environmental sustainability. The NBSG not only features a unique and stable material but also comes equipped with a powerful intelligent pickup system. This pickup system, developed in collaboration between Natasha Guitars and Double Acoustics, can be connected to an app for intelligent control. Once your pickup is connected to the app, you will discover a wide range of powerful features that go beyond your imagination.

感谢您选择娜塔莎吉他，您选择的这款NBSG吉他是一款新型的竹子材质的静音吉他。它是世界上首款全部用竹子材质替代木材的吉他，采用竹子这种取之不尽的速生植物做吉他是一种创新型的尝试，也体现了娜塔莎公司与时俱进的环保理念。NBSG不但拥有独特且稳定材质，而且它还搭载了一套强大的智能拾音器，这套拾音器系统是由娜塔莎吉他（Natasha Guitars）与德博声学（Double Acoustics）联合开发的可连接APP进行智能操控的拾音器。当您的拾音器连接到APP之后，您会发现这款智能拾音器有许多强大的功能，完全超乎您的想象。

Even without connecting to the app, the pickup of the NBSG guitar remains exceptionally powerful. Our acoustic engineers have already preset four common playing mode sound effects: fingerstyle, strumming, band and solo. You simply need to select your desired playing style to obtain professional sound effects without the need for EQ parameter adjustments. The pickup system also offers various effect adjustment options such as reverb, chorus, delay, and distortion, allowing you to add more fun to your performance. Additionally, the pickup system features a 12-tone equal temperament tuning function, wireless output support, headphone monitoring/input support, as well as built-in recording and Bluetooth audio input capabilities. It is a fascinating and powerful pickup system with a wide range of functionalities.

纵使没有连接APP，NBSG的拾音器也依然非常强大，我们的声学工程师已经在系统里预设了指弹、扫弦、弹唱、独奏四种常用模式的音效。您只需要选择想要的演奏风格，便能得到专业的音效，无须进行EQ参数调整。拾音器还有混响、合唱、延时和失真等多种效果调节功能，让你的演奏增添更多乐趣。另外，拾音器还有十二平均率校音功能；支持无线输出；支持耳麦监听/输入；支持内录、蓝牙音频输入等功能，是一款非常有趣、功能强大的拾音器。

In order to get the most out of your new pickup system, we recommend you to read the user guide.
为了更好地使用拾音器，建议您仔细阅读本说明书。



NBSG smart guitar



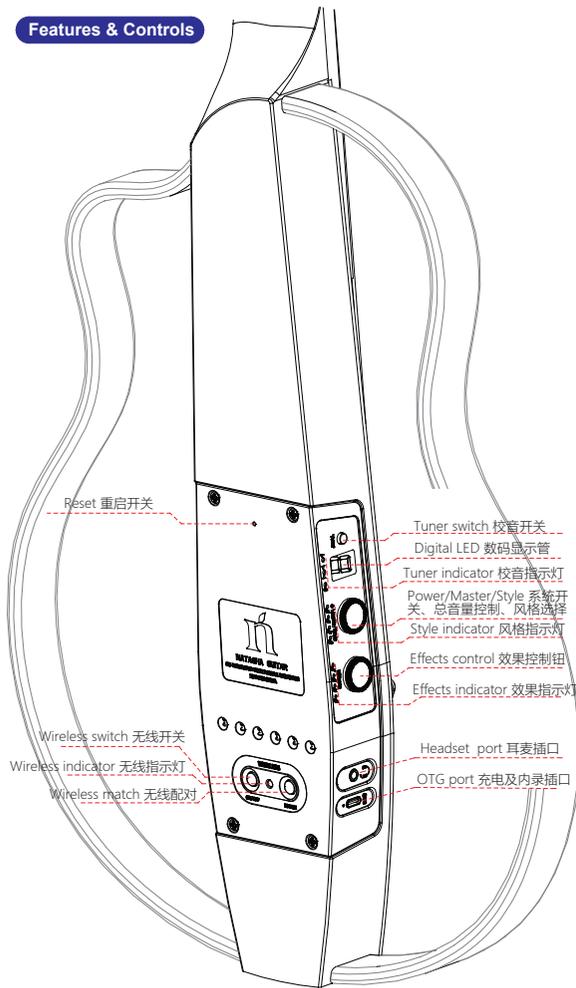
www.natashaguitars.com

X2 DOUBLE

Co-developed with Double Acoustics Co., Ltd



Features & Controls



[Tuner switch 校音开关]

The switch of tuner, press the tuner switch button. When in tuner mode, the pickup system will enter a silent mode. Press the button again to deactivate the tuner and resume normal operation of the pickup system. 校音器开关，按下按钮可以打开校音器，校音的时候，拾音器系统会进入静音模式。再按一次，则关闭校音器。

[Digital LED 数码显示管]

The digital LED will show the tuning note while you are in tuner mode, indicating the note being tuned. In non-tuner mode, it will display the overall volume level using the digits 0 to 9, representing the volume intensity.

数码显示管，在校音的时候，会显示正在校音的音符。非校音模式下，它会按0~9的显示方式显示总音量大小。

[Tuner indicator 校音指示灯]

The tuning indicator lights provide visual feedback during the tuning process. When the "b" light is illuminated, it indicates that the tuning note frequency is too low, and you need to tighten the corresponding string. On the contrary, when the "#" light is illuminated, it means that the tuning note frequency is too high, and you need to loosen the string slightly. If the middle green light is illuminated, it signifies that the string is accurately tuned to the desired pitch. These indicator lights help you achieve precise tuning for each string.

校音指示灯，当b灯亮时，说明校音的音符频率偏低，需要适当拧紧琴弦；如果#灯亮时，则表示校音的音符频率太高了，需要放松一点琴弦；如果中间的绿灯亮时，则说明该音符的调弦准确。

[Power/Master/Style 系统开关/总音量控制/风格选择]

This is a multifunctional control knob that incorporates various features. By pressing and holding it for 2 seconds, the system will power on, and the pickup system will enter working mode. Pressing it in short intervals, you can switch/select between different playing styles such as "fingerstyle", "strumming", "band" and "solo." Additionally, it serves as the master volume control knob. Rotating it clockwise gradually increases the volume, while rotating it counterclockwise reduces the volume until it reaches mute.

这是一个集成了多种功能的控制旋钮，长按它2秒，系统开机，拾音器进入工作模式。连续短按它，则可以在“指弹”、“扫弦”、“弹唱”、“独奏”几种不同的弹奏风格中进行切换/选择。另外，它还是总音量控制按钮，顺时针旋转时，音量逐渐增大；逆时针旋转则音量变小，直至静音。

[Style indicator 风格指示灯]

The indicator lights for the "fingerstyle", "strumming", "band" and "solo" playing styles indicate the currently selected playing style. When one

of these indicator lights is illuminated, it means that the system is automatically matching the EQ parameters according to the current style, eliminating the need for additional adjustments. The system is optimized to enhance the sound specifically for each playing style, providing an optimal and hassle-free experience.

分别指“指弹”、“扫弦”、“弹唱”、“独奏”四种不同弹奏风格的指示灯，当其中某个风格的指示灯亮了，说明系统正在按当前的风格自动匹配EQ参数，无需再作其他的调节。

[Effects control 效果控制按钮]

The control knob is used to adjust the intensity of the effects. When rotated counterclockwise, the effects will gradually decrease. Additionally, the control knob has the function of effect selection. By pressing the knob in short intervals, you can switch/select between different effects such as "reverb", "chorus", "delay" and "distortion". If you want to layer multiple effects, you can long-press the knob for 2 seconds to lock in one effect, and then short-press to select other effects. To cancel the locked effect, you can long-press the knob again while selecting that effect.

用于控制效果强度的旋钮，顺时针旋转时，效果会逐渐增强；逆时针旋转时，效果则会逐渐减弱。另外，它还有效果选择的功能，连续短按这个旋钮，可以在“混响”、“合唱”、“延时”、“失真”这几种效果中来回切换/选择。如果需要多个效果叠加，则可以长按2秒锁定一个效果再短按选择其他效果。如果想取消锁定的效果，则在选择该效果时再长按一次可以取消。

[Effects indicator 效果指示灯]

The indicator lights for the "reverb", "chorus", "delay" and "distortion" effects will illuminate when the corresponding effect is selected. Each effect has its own indicator light, allowing you to easily identify which effect is currently active. When a specific effect is chosen, its corresponding indicator light will be lit, indicating that the effect is engaged and applied to the sound output.

“混响”、“合唱”、“延时”、“失真”这四种效果的指示灯，当该效果被选中时，对应的指示灯会亮起。

[Headset port 耳麦插口]

3.5mm headset jack allows you to connect a headset for monitoring and microphone input. With headset monitoring, you can play your guitar without worrying about disturbing others in any situation.

3.5mm耳麦插口，可以连接耳麦进行监听和麦克风输入。有了耳机监听，您可以在任何场合演奏都不用担心干扰到别人。

[OTG port 充电及内录插口]

This is a Type C charging and internal recording port. There is an indicator light next to the port. When the indicator light turns red, it

indicates that the system battery is low and needs to be charged. Ordinary chargers ranging from 0.5A to 2A are widely applicable for charging this product. In addition, the system can be connected to a phone or computer for music recording to save your music. Please choose the appropriate connection cable according to your recording device.

这是一个TYPE C充电及内录插口，此插口的旁边有指示灯，当指示灯变成红色时，表示系统电量不足，需要进行充电。普通0.5安至2安的充电器广泛适用于本产品的充电。另外，系统可以通过此插口连接到手机或电脑进行音乐录制，保存您的音乐，请根据您的录音设备选择合适的连接线进行连接。

[Wireless switch 无线开关]

The system supports wireless output and is equipped with a dedicated wireless receiver. Pressing this button once will activate the wireless transmission module, indicated by the illuminated wireless indicator light. Pressing the button again will deactivate the wireless transmission, indicated by the extinguished wireless indicator light. 系统支持无线输出，并配备了专门的无线接收器。按此按钮一次，无线传输模块打开，无线指示灯亮，再按一次则无线传输关闭，无线指示灯灭。

[Wireless match 无线配对]

The channel pairing function is used to establish a connection between the system and the wireless receiver. In most cases, the channels will automatically pair without any manual intervention. However, if the automatic pairing is not successful, you can manually initiate the pairing process. Press the wireless pairing button once, and then turn on the wireless receiver.

用于系统与无线接收器的信道配对，一般情况下，信道会自动配对。如果配对不成功，需要手动配对，按一下无线配对按钮，再打无线接收器便能配对成功。

[Output jack 输出插座]

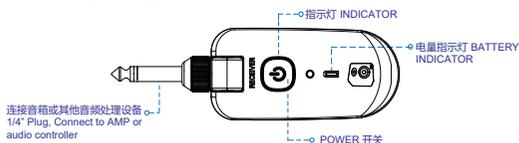
In addition to wireless audio output, the pickup system also features a 1/4" output jack. You can use an audio cable to connect this jack to speakers or other audio devices for audio transmission. This allows you to directly connect the pickup system to external sound systems or amplifiers, providing you with flexibility in choosing your audio setup and enhancing the overall sound quality of your performances.

除了无线音频输出，拾音器系统还有一个6.35MM输出插座，您可以用音频连接线通过这个插座与音箱或其他音频设备连接。

Wireless Receiver

The system comes with comes with a nice wireless receiver for wireless output. You can connect your guitar to amplifier without cable. NBSG配备了一个精美的无线接收器。你可以用无线的方式连接音箱或舞台设备，让你彻底摆脱连接线的束缚，自由自在尽情地表演。

Receiver 无线接收器



POWER: Power switch for transmitter/receiver, press this button for ON or OFF. 启动开关，按下该按键可以启动或关停模块。



INDICATOR: A multi-function indicator with different light colors. When the receiver indicator turns green, it means that the wireless connection is successfully paired. If the receiver indicator is yellow, the pairing is not successful. 指示灯兼工作开关指示和信道配对指示之功能。当按下开关，指示灯亮表示进入了工作状态；当接收器指示灯亮绿灯时，表示无线连接配对成功；接收器指示灯亮黄色，则表示未配对成功。



BATTERY INDICATOR: When the battery is full, the indicator light is green. If it turns to red means battery is low and need charging. 电量指示灯，当电池电量充沛时，指示灯亮绿色。而当该灯变成红色的时候，说明电池的电量偏低，需要给电池进行充电。

Bluetooth support

The NBSG model supports simultaneous dual Bluetooth connections. If you want to connect to the app and control the guitar settings, you need to connect to the "Natasha_NBSG XXXX" Bluetooth within the app.

However, if you want to connect via Bluetooth to input beats or accompaniment from your phone, please perform a Bluetooth search on your phone and connect to "NATASHA_NBSG XXXX". Once connected successfully, you can use your phone to input external audio, adding more enjoyment to your playing experience.

NBSG可以同时支持两组不同的蓝牙连接：如果您想要连接到APP，在APP客户端进行操作，您需要在APP内连接蓝牙"Natasha_NBSG XXXX"；如果您想通过蓝牙连接手机输入一些节拍或伴奏，则请用您的手机进行蓝牙搜索，找到"NATASHA_NBSG XXXX"再次连接。连接成功后，就可以通过手机输入一些外部音频，让您的演奏增添更多的乐趣。

Battery

The pickup system is powered by a 18650 lithium battery, which offers long lifespan, reliable battery life, and stable performance. The product comes with a TYPE C charging cable. When charging is needed, simply connect the cable to a regular mobile phone charger with a 5V output voltage. This allows you to conveniently recharge the battery and ensures that the pickup system remains powered for extended periods of use.

拾音器采用18650锂电池供电，具有使用寿命长、续航时间有保障和性能稳定的特点。产品搭配有一根TYPE C充电线，需要充电时，请直接连接到5V输出电压的普通手机充电器充电即可。