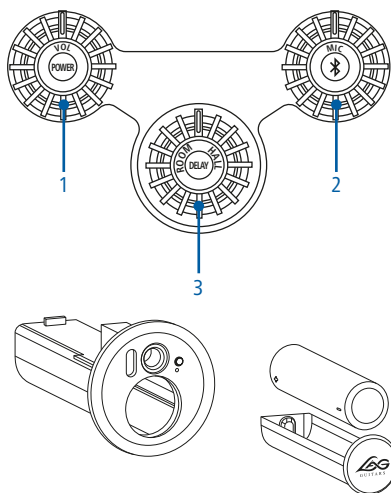




Battery:

Lâg BlueWave guitars are equipped with a 2200 mAh, 3.7V / 8.14Wh Lithium Ion LYS 18650 battery. This battery is housed in a compartment under the guitar.

1. Charge the battery directly in the guitar (recommended): connect an AC adapter to the USB-C socket located near the jack using the supplied cable (USB-C to USB-A). A red indicator light allows you to visualize the battery charging.

2. Use an external charger: you can also extract the lithium battery to charge it in your own external charger, press the circle with the Lâg logo to extract the compartment.

User Manual

Smart Guitar Preamp

BLUEWAVE Preamp

Settings:

- 1. VOL / POWER :** Volume potentiometer for the piezo pickup / Pre-amp on/off switch
- 2. MIC / BT logo:** Volume potentiometer for the internal microphone* / Bluetooth on/off switch
- 3. ROOM/HALL & DELAY:** Depth potentiometer for the reverb effect / Delay time potentiometer

Quick Start:

a. Switch ON the pre-amp: Press the VOL/POWER button for 3 seconds to switch ON the BlueWave pre-amp. A blue led will turn on when the system is operating.

Effects may take up to 3 additional seconds to begin to turn ON.

b. Adjust the overall volume: turn the VOL/POWER potentiometer.

c. Adjust the effects parameters: Turn the ROOM/HALL knob to adjust the length of the reverb. Turn the DELAY knob to adjust the delay time.

d. Connect with Bluetooth: Press the MIC / BT logo button once to switch ON or OFF the BlueTooth mode. A purple light will light up next to the blue light, it will flash until a device is paired and then stay constant once connected. PLEASE NOTE, the volume of the signal received by your Lâg BlueWave guitar can only be adjusted on your device (phone, tablet, computer, etc.) and not on your guitar.

e. Amplification: you can amplify your Lâg BlueWave guitar by connecting a ¼ mono jack to the jack output located near the strap clip. WARNING, it will be necessary to turn on the pre-amp to obtain a signal and thus amplify your guitar.

f. Adjust the volume of the condenser microphone: your Lâg BlueWave guitar is not only equipped with a piezo sensor located under the bridge saddle but also with a condenser microphone housed in the pre-amp, in the guitar, to provide more warmth and acoustic tone. Adjust the volume of this sensor by rotating the MIC* potentiometer.

* The sound from this microphone is sent through the output jack, turning this potentiometer will only have an audible effect with an amp connected.

Integration instructions for host product manufacturers according to KDB 996369 D03OEM Manual v01

2.2 List of applicable FCC rules

FCC Part 15 Subpart C 15.247 &15.209 &15.207.

2.3 Specific operational use conditions

The module can be used for mobile applications with a maximum 0dBi antenna. The host manufacturer installing this module into their product must ensure that the final composite product complies with the FCC requirements by a technical assessment or evaluation to the FCC rules, including the transmitter operation. The host manufacturer has to be aware not to provide information to the end user regarding how to install or remove this RF module in the user's manual of the end product which integrates this module. The end user manual shall include all required regulatory information/warning as show in this manual.

2.4 Limited module procedures

The device is a Single module and complies with the requirement of FCC Part 15.212.

2.5 Trace antenna designs

Not applicable, The module has its own antenna, and doesn't need a host sprinted board micro strip trace antenna etc

2.6 RF exposure considerations

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction; and if RF exposure statement or module layout is changed, then the host product manufacturer required to take responsibility of the module through a change in FCC ID or new application The FCC ID of the module cannot be used on the final product In these circumstances, the host manufacturer will be responsible for re-evaluating the end product (including the transmitter) and obtaining a separate FCC authorization

2.7 Antennas

Antenna Specification are as follows:

Type of antenna: PCB Antenna

Gain of antenna: 0dBi Max.

This device is intended only for host manufacturers under the following conditions: The transmitter module may not be co-located with any other transmitter or antenna;

The module shall be only used with the internal antenna(s) that has been originally tested and certified with this module. The antenna must be either permanently attached or employ a "unique" antenna coupler

As long as the conditions above are met, further transmitter test will not be required

However, the host manufacturer is still responsible for testing their end-product for any additional compliance requirements required with this module installed (for example, digital

device emissions, PC peripheral requirements, etc)

2.8 Label and compliance information

Host product manufacturers need to provide a physical or e-label stating " Contains FCC ID: 2BFGG-LAGBLUEWAVE "with their finished product

2.9 Information on test modes and additional testing requirements

Host manufacturer must perform test of radiated & conducted emission and spurious emission, e.t.c according to the actual test modes for a stand-alone modular transmitter in a host, as well as for multiple simultaneously transmitting modules or other transmitters in a host product.

Only when all the test results of test modes comply with FCC requirements, then the end product can be sold legally.

2.10 Additional testing, Part 15 Subpart B disclaimer

The modular transmitter is only FCC authorized for FCC Part 15 Subpart C 15.247 &15209 &15.207 and that the host product manufacturer is responsible for compliance to any other FCC rules that apply to the host not covered by the modular transmitter grant of certification. If the grantee markets their product as being Part 15 Subpart B compliant (when it also contains unintentional-radiator digital circuit), then the grantee shall provide a notice stating that the final host product still requires Part 15 Subpart B compliance testing with the modular transmitter installed

Federal Communication Commission Statement (FCC,U S)

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 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

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 this equipment

IMPORTANT NOTES

Co-location warning:

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter

OEM integration instructions:

This device is intended only for OEM integrators under the following conditions:

The transmitter module may not be co-located with any other transmitter or antenna The module shall be only used with the external antenna(s)that has been originally tested and certified with this module

As long as the conditions above are met, further transmitter test will not be required. However, the OEM integrator is still responsible for testing their end-product for any additional compliance requirements required with this module installed (for example, digital device emissions, PC peripheral requirements, etc.).

Validity of using the module certification:

In the event that these conditions cannot be met (for example certain laptop configurations or co-location with another transmitter),then the FCC authorization for this module in combination with the host equipment is no longer considered valid and the FCC ID of the module cannot be used on the final product In these circumstances, the OEM

integrator will be responsible for re-evaluating the end product (including the transmitter)and obtaining a separate FCC authorization.

End product labeling:

The final end product must be labeled in a visible area with the following: "Contains Transmitter Module **FCC ID: 2BFGG-LAGBLUEWAVE** "

Information that must be placed in the end user manual:

The OEM integrator has to be aware not to provide information to the end user regarding how to install or remove this RF module in the user's manual of the end product which integrates this module The end user manual shall include all required regulatory information/warning as show in this manual