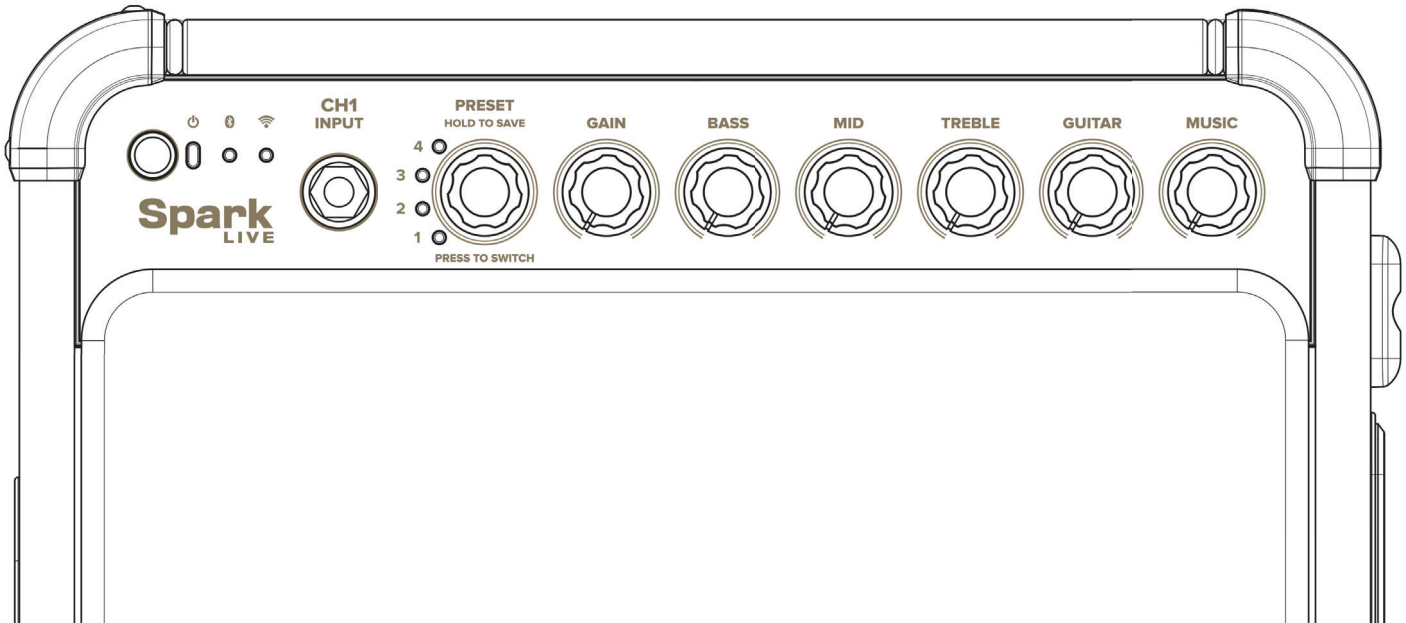
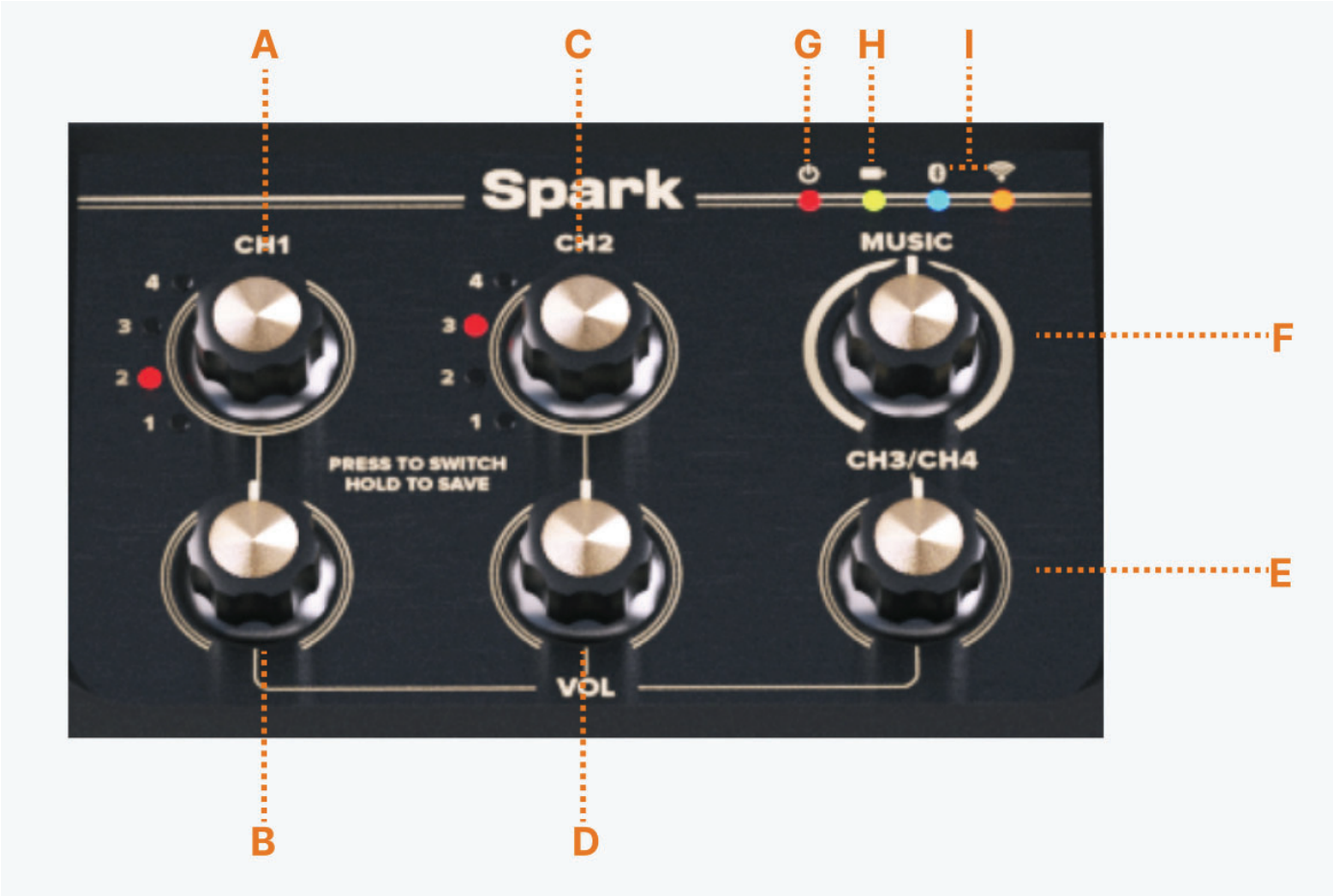
Spark EDGE

User Manual



Front Panel


A
C
G
H
I
Spark
CH1
CH2
MUSIC
F
PRESS TO SWITCH
HOLD TO SAVE
CH3/CH4
E
VOL
B
D

Front Panel

A - Preset Selector for Channel 1
Customize up to 8 presets for CH1. Use the knob to switch between presets, and press the knob to choose between the 4 red and 4 green presets.

B - Channel 1 Volume Control
Controls the overall volume of CH1.

C - Preset Selector for Channel 2
Customize up to 8 presets for CH2. Use the knob to switch between presets, and press the knob to choose between the 4 red and 4 green presets.

D - Channel 2 Volume Control
Controls the overall volume of CH2.

E - Channel 3/4 Volume Control
Controls the overall volume of CH3/4. Please note that this knob controls the volume of both channels simultaneously and cannot be adjusted separately.

F - Music Volume Control
Controls the volume of Bluetooth music playback and USB audio.

G - Power Indicator
Indicates power status. Solid Red when powered on.

H - Battery Indicator
With Battery Loaded:
• Solid Green: Powered on / Battery 50-100%
• Solid Yellow: Powered on / Battery 10-50%
• Solid Red: Powered on / Battery under 10%
• Flashing Green/Yellow/Red: Charging

I - Wireless Indicators
Indicates the status of the Bluetooth and Wi-Fi connection.
• Solid Blue/Green: Connected
• Flashing Blue/Green: Pairing

Rear Panel

N
MASTER
LOW
MID
HIGH
VOL
POWER
J
INPUT
PAIR
CH1
CH2
CH3
CH4
K
O
USB-C
L
MID IN
LINE OUT
DC IN
S
M
L / MONO
R
R
Q
P

Rear Panel

J - Power Switch
Hold to turn on/off Spark EDGE.

K - Pair Button
Press once to enter Bluetooth® pairing mode when connecting to a new device.
Hold to enter pairing mode when connecting to Spark Control X.
Press twice to enter TWS pairing mode:
- The first speaker to enter TWS mode becomes the L speaker, with a white Bluetooth LED indicator.
- The second speaker to enter TWS mode becomes the R speaker, with a red Bluetooth LED indicator.

L - USB Audio Port (USB-C®)
Connect the supplied USB-C® to USB-A cable to a PC/Mac to use as an audio interface.

M - DC Power Input
Connect with the supplied Power Adapter to a power outlet.

N - Master EQ/Volume
Adjust the overall EQ and volume of Spark EDGE.

O - Input Channel 1 & 2 (XLR / 1/4" Combo)
CH1/2 features a combo socket that supports both standard XLR or 1/4" TS line inputs. Each port supports multiple modes:

XLR
• Microphone Mode (Factory Default)
For standard dynamic microphones

• Line In Mode
For instruments with an output line level signal, such as keyboards, DI boxes or a line output from an external effects unit

1/4" TS
• Standard Instrument Mode (Factory Default)
For general electric guitars, acoustic guitars, or basses

• Hi-Z Instrument Mode
For electric guitars or basses that have high gain/output pickups or a built-in preamp

• Line In Mode
For instruments with an output line level signal, such as keyboards, DI boxes or a line output from an external effects unit

Rear Panel

P - Input Channel 3/4 (1/4")
CH3/4 has 1 pair of 1/4" sockets. You can connect either a stereo output or 2 mono outputs. Please note that the CH3/4 does not support built-in effects.

CH3/4 support multiple modes :

• Standard Instrument Mode (Factory Default)
For general electric guitars, acoustic guitars, or basses.

• Hi-Z Instrument Mode
For electric guitars or basses that have high gain/output pickups or a built-in preamp.

• Line In Mode
For instruments with an output line level signal, such as keyboards, DI boxes or a line output from an external effects unit.

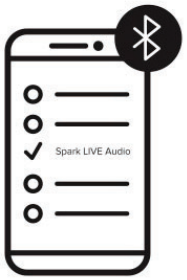
Q - Line Output (1/4")
Connect to the input of an external device, such as a PA system, audio interface, etc.
If you only need 1 output, please use the L/Mono output.

R - Headphone Output (1/8")
Plug in a pair of headphones with a 1/8" jack.

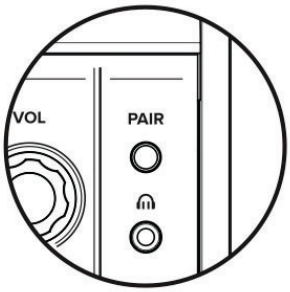
S - MIDI Ports (Standard 5 Pin DIN)
Input - Connect a wired MIDI controller to control built-in effects and other features.

To play music via Bluetooth®

- To pair a new device, press the Pair button on the Rear Panel of Spark EDGE, turn Bluetooth® on in the settings of your mobile device, and select “Spark EDGE Audio" from the list of scanned devices.



- Spark EDGE will automatically pair with the last device it connected to. If the last device is not available, Spark EDGE will automatically connect to a device that has been previously paired.



Installing Battery

Spark EDGE is only compatible with Spark Battery (sold separately). Spark Battery has up to 10 hours of play time and automatically starts charging when Spark EDGE is plugged in via DC.
Please be aware that using a third party battery can damage your Spark EDGE.

- Make sure Spark EDGE is off and unplug the power cord.
- Open the battery cover on the back and lift it up
- Insert Spark Battery with the sticker facing above.
- Put back the cover.
- You can now turn on Spark EDGE using battery power.

Factory Reset

Follow the steps below to perform a factory reset. This process will reset all the presets stored on the Spark EDGE as well as its Bluetooth pairing information, Power Saving Setting.

1. Turn off your Spark EDGE.

2. Hold the Power Button and Preset Knob, then release the buttons when the Power Indicator turns into white color.

3. Hold the Power Button, until all four preset LEDs blink, then release the button.

4. Spark EDGE will be turned off automatically when the factory reset is completed, turn it back on to start playing.

*After the step 2, if you’re not ready to perform factory reset, or tends to do it later, you can cancel the process by tapping the Power Button.

Force Shutdown & Restart

If Spark EDGE runs into an issue where the knobs/buttons doesn't respond anymore or freezes, or emits an unusual noise, follow the steps below to force shutdown and restart Spark EDGE.

1. Hold the Power button over 10 seconds.

2. Release the Power button, and hold it again to turn Spark EDGE on.

FCC

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 or more 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.

Caution: FCC/IC Radiation Exposure Statement
This equipment complies with FCC and IC RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and any part of your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
Pour se conformer aux exigences de conformité CNR 102 RF exposition, une distance de séparation d'au moins 20 cm doit être maintenue entre l'antenne de cet appareil ettoutes les personnes. Cet émetteur ne doit pas être Co-placé ou ne fonctionnant en même temps qu'aucune autre antenne ou émetteur.

Caution!
Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

IC

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:
(1) This device may not cause interference.
(2) This device must accept any interference, including interference that may cause undesired operation of the device.
Lémetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :
1.L'appareil ne doit pas produire de brouillage;
2.L'appareil doit accepter tout brouillage radioélectrique subi, mêmesile brouillage est susceptible d'en compromettre le fonctionnement.
This class [B] digital apparatus complies with Canadian ICES-003.
CAN ICES-003 (B) / NMB-003 (B)
Ce produit de classe [B] est conforme aux spécifications de la réglementation ICES-003 du Canada. CAN ICES-003 (B) / NMB-003 (B)

CQC

注意事项：
1.勿在本机顶部或电源线上放置重物。
2.仔细阅读操作说明避免误操作。
3.设备不应遭受水滴或水溅，设备上不应放置诸如花瓶一类的装满液液体的物品，否则水等液体的不小心洒泼可能会损坏机器。
4.本产品断开装置是器具耦合器，应当保持可方便的操作。
5.电池（电池包或组合电池）不得暴露在诸如日照，火烤或类似过热环境中。
6.设备应当连接到带保护接地连接的电网电源输出插座上。

NCC

警語：
取得審驗證明之低功率射頻器材，非經核准，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原計之特性及功能。低功率射頻器材之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。前述合法通信，指依電信管理法規定作業之無線電通信。低功率射頻器材須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

TRIMAN

Points de collecte sur www.quefairedemesdechets.fr
Privilégiez la réparation ou le don de votre appareil !

WEEE

IMDA

Complies with
IMDA Standards
DB106232

BQB

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WIFI

The Wi-Fi CERTIFIED™ logo is a registered trademark of Wi-Fi Alliance.

MOC

XX-XXXXX אוהתרושקתהדרשמלשיטוחלארושיארפסמ
אלורישכמהלשתירוקמההנטנאהתאף ילחהלרוסא
רחאינבטיונישלבובתושעל

Product code

Declarations of Conformity

● RoHS

設備名稱Equipment name：吉他音箱
型號（型式）Type designation (Type)：Spark EGDE

R3D776
RoHS

單元Unit	限用物質及其化學符號 Restricted substances and its chemical symbols					
	鉛Lead (Pb)	汞Mercury (Hg)	鎘Cadmium (Cd)	六價鉻 Hexavalent chromium (Cr^{6+})	多溴聯苯 Polybrominated biphenyls (PBB)	多溴二苯醚 Polybrominated diphenyl ethers (PBDE)
揚聲器	○	○	○	○	○	○
電路板	–	○	○	○	○	○
結構件	–	○	○	○	○	○
線材	○	○	○	○	○	○
電池	–	○	○	○	○	○
配件	○	○	○	○	○	○

備考1."超出0.1 wt %"及"超出0.01 wt %"係指限用物質之百分比含量超出百分比含量基準值。
備考2."○"係指該項限用物質之百分比含量未超出百分比含量基準值。
備考3."–"係指該項限用物質為排除項目。

Note 1: "Exceeding 0.1 wt %" and "exceeding 0.01 wt %" indicate that the percentage content of the restricted substance exceeds the reference percentage value of presencecondition.
Note 2: "○" indicates that the percentage content of the restricted substance does not exceed the percentage of reference value of presence.
Note 3: The "-" indicates that the restricted substance corresponds to the exemption.

有毒有害物质或元素的说明
Indication of Toxic and Hazardous Substances/Elements

部件名称 Part name	产品中有害物质或元素的名称及含量 Toxic and Hazardous Substances/Elements					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
扬声器 (Speaker)	O	O	O	O	O	O
电路板 (PCBA)	X	O	O	O	O	O
结构件 (Structural parts)	X	O	O	O	O	O
线材 (Cable)	O	O	O	O	O	O
附件 (accessory)	O	O	O	O	O	O

本表格依据 SJ/T 11364 的规定编制
O:表示该有毒有害物质在该部件所有均质材料中的含量均在GB/T 26572规定的限量要求以下
X:表示该有毒有害物质至少在该部件的某一均质材料中的含量超出GB/T 26572规定的限量要求

在中华人民共和国境内销售的电子电气产品上将印有"环保使用期"(EFuP)符号。圆圈中的数字代表产品的正常环保使用年限。

● BATTERIES

A warning that batteries (battery pack or batteries installed) shall not be exposed to excessive heat such as sunshine, fire or the light.

1) Replacement of a battery with an incorrect type that can defeat a safeguard;

2) Disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, that can result in an explosion;

3) Leaving a battery, in an extremely high temperature surrounding environment that can result in an explosion or the leakage of flammable liquid or gas;

4) A battery subjected to extremely low air pressure that may result in an explosion or the leakage of flammable liquid or gas.

Battery Capacity：14.4V 6000mAh 86.4Wh,
Type: Rechargeable Li-ion Battery

a. 電池丟入火焰或烤箱中，
或將電池作可能導致爆炸的機械擠壓或切割；

b. 電池置於可能導致爆炸或可燃性液體或
氣體洩漏的高溫環境或極度低氣壓

● NBTC

"เครื่องโทรคมนาคมและอุปกรณ์นี้มีความสอดคล้องตามมาตรฐานหรือข้อกำหนดทางเทคนิคของกสทช."

●

적합등록번호: R-R-sDI-Spark EDGE
기자재명칭: Guitar Amp & Bluetooth Speaker
모델명: Spark EGDE
제조자: Positive Grid Limited, 제조국: 중국
상호: 삼아디엔아이(주), 서비스센터: 02-734-0653
제조년월: 별도표기

안전확인신고번호: YU10251-20021
제품명: 전지
모델명: Spark Battery
정격: 14.4Vdc 6000mAh
제조업체: Guangdong Pow-Tech New Power Co.,Ltd.
제조국: 중국

주의사항
1.고장시 임의로 분해하지 마시고 서비스센터로 연락하십시오
2.통풍이 잘되는곳에서 사용하십시오
3.습기 및 수분이 많은 장소에서는 사용을 금합니다

● CB

Max Operating temperature: 45°C

進口商/进口商 &製造商：佳格数位科技有限公司 /佳格數位科技有限公司
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TEL:886-2-25025250