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## Positive Grid S6511G-EUSSS

# Positive Grid Spark Edge 65W Portable Smart Guitar Amp & PA System User Manual

Model: S6511G-EUSSS

## INTRODUCTION

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The Positive Grid Spark Edge is a versatile 65-watt portable 4-channel smart guitar amplifier and PA system. Designed for musicians, it integrates a built-in looper, AI features, and smart app connectivity, making it suitable for electric guitar, acoustic guitar, bass, vocals, keyboards, and more. This manual provides essential information for setting up, operating, and maintaining your Spark Edge.

## WHAT'S IN THE BOX

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- Spark EDGE Amplifier
- USB C to C Cable
- AC to DC Power Adapter
- Get Started Card
- Safety Instructions Card

## PRODUCT OVERVIEW

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Familiarize yourself with the Spark Edge's components and controls.

### Front Panel



Figure 1: Front view of the Spark Edge, showcasing the speaker grille and the overall compact design. A smartphone is shown next to it, illustrating app connectivity.

## Top Panel Controls



Figure 2: Top panel of the Spark Edge, featuring master volume, channel volume controls, and preset selection buttons for Channels 1 and 2. LED indicators show active presets and Bluetooth/WiFi status.

- **Master Volume:** Adjusts the overall output volume of the amplifier.
- **Channel 1/2 Volume:** Controls the individual volume for each input channel.
- **Preset Knobs (CH1/CH2):** Rotate to select different presets. Press to switch between preset banks.
- **Music Volume:** Adjusts the volume of Bluetooth audio streaming.
- **Power Button:** Turns the unit on or off.
- **Bluetooth Pair Button:** Initiates Bluetooth pairing mode.

## Rear Panel Inputs and Outputs



Spark Battery **SOLD SEPARATELY**

Figure 3: Rear panel of the Spark Edge, detailing the various input and output jacks, including combo inputs, stereo inputs, line out, and headphone jack. The battery compartment is also visible.

- **Input CH1/CH2 (Combo XLR/1/4"):** Connect guitars, basses, microphones, or other instruments.
- **Stereo Input CH3/CH4 (1/4"):** Connect keyboards, drum machines, or other stereo line-level devices.
- **Line Out (L/R Mono):** Connect to an external PA system, mixer, or audio interface.
- **Headphone Out (1/8"):** For silent practice.
- **USB-C Audio/Data:** Connect to a computer for recording or firmware updates.
- **DC In:** Connect the included AC to DC power adapter.

## SETUP

### Powering On

1. Connect the included AC to DC Power Adapter to the "DC In" port on the rear panel of the Spark Edge.
2. Plug the power adapter into a suitable wall outlet.
3. Press the Power button on the top panel to turn on the unit. The power indicator LED will illuminate.

### Optional Battery Installation

The Spark Edge supports optional battery power for portability (battery sold separately).



Figure 4: Proper insertion of the optional Spark Edge battery into its dedicated rear compartment.

1. Ensure the Spark Edge is powered off and unplugged from the AC adapter.
2. Locate the battery compartment on the rear panel.
3. Carefully insert the compatible Spark Edge battery into the compartment until it clicks into place.
4. The unit can now operate on battery power for up to 10 hours, depending on usage.

## OPERATING INSTRUCTIONS

### Connecting Instruments and Microphones

The Spark Edge features 4 separate channels for diverse inputs:

- **Channels 1 & 2:** Use the 1/4" or XLR combo inputs for electric/acoustic guitars, bass, or microphones.
- **Channels 3 & 4 (Stereo):** Use the 1/4" stereo inputs for keyboards, drum machines, or other line-level devices.

Adjust individual channel volumes using the dedicated knobs on the top panel.

## Spark App Integration

The Spark Edge is designed to work seamlessly with the Spark app (available for iOS and Android), unlocking its full potential for tone shaping and creative features.



*Figure 5: The Spark app interface on a smartphone, demonstrating the ability to control effects and amplifier models directly from the device.*

1. Download the "Spark" app from your device's app store.
2. Ensure Bluetooth is enabled on your mobile device.
3. Open the Spark app and follow the on-screen instructions to connect to your Spark Edge.
4. Through the app, you can access a vast library of amps, effects, and presets.

## Creative Groove Looper

The built-in Creative Groove Looper allows you to record and layer musical phrases. Access and control the looper

functions directly through the Spark app for intuitive operation and advanced features.

## Spark AI Features

Leverage the Spark AI and Smart Jam features within the app to generate backing tracks, learn new chords, and explore musical ideas. The AI analyzes your playing and provides dynamic accompaniment.

## Bluetooth and WiFi Connectivity

- **Bluetooth Audio Streaming:** Stream music from your mobile device to the Spark Edge for practice or playback. Press the Bluetooth Pair button on the top panel to initiate pairing.
- **WiFi Connectivity:** Connect the Spark Edge to your WiFi network via the app for quick and easy firmware updates, ensuring your amplifier always has the latest features and improvements.



Figure 6: The Spark Edge in a live performance setting, demonstrating its capability as a portable PA system for multiple instruments and vocals.

## MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the amplifier. Avoid using abrasive cleaners or solvents.

- **Storage:** Store the Spark Edge in a cool, dry place away from direct sunlight and extreme temperatures.
- **Ventilation:** Ensure proper ventilation around the unit during operation to prevent overheating.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound output.	Volume knobs are low; incorrect input connection; cable issues; unit not powered on.	Increase Master and Channel volumes. Ensure cables are securely connected to the correct inputs. Verify the unit is powered on.
Spark app disconnects frequently.	Bluetooth interference; app or firmware outdated; device settings.	Ensure no other devices are interfering with Bluetooth. Update the Spark app and Spark Edge firmware. Check device's Bluetooth and location services settings. Restart both the app and the amplifier.
Poor sound quality/distortion.	Input gain too high; faulty cable; speaker damage.	Adjust input gain via the app. Try a different cable. If distortion persists, contact support.
Unit does not power on with battery.	Battery not charged; battery not properly installed; faulty battery.	Ensure the battery is fully charged. Re-install the battery securely. If issues persist, test with AC power or a different battery.

## SPECIFICATIONS

Feature	Detail
Brand	Positive Grid
Model Number	S6511G-EUSSS
Output Wattage	65 Watts
Item Weight	13.64 pounds
Product Dimensions	9.45 x 13.11 x 9.53 inches
Color	Black
Power Source	Battery Powered (optional battery) / AC Adapter
Compatible Devices	Guitar, Bass, Keyboard, Vocals, All
Connector Type	6.35mm Jack, XLR

## WARRANTY AND SUPPORT

Positive Grid products are covered by a manufacturer's warranty. For detailed warranty information, product registration, and technical support, please visit the official Positive Grid website or contact their customer service directly. Keep your proof of purchase for warranty claims.

For further assistance, refer to the official Positive Grid support resources:

