Positive Grid Spark 40

Positive Grid Spark 40-Watt Combo Practice Guitar Amplifier User Manual

Model: Spark 40

Introduction

The Positive Grid Spark 40 is a versatile 40-watt combo practice amplifier designed for electric, bass, and acoustic guitars. It integrates seamlessly with the Spark mobile app, offering a wide array of features including intelligent jam tracks, extensive tone customization via ToneCloud, and real-time chord display for imported songs. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your Spark 40 amplifier.



Figure 1: Positive Grid Spark 40-Watt Combo Practice Guitar Amplifier.

Setup

Unboxing and Initial Connection

Upon unboxing, ensure you have the Spark 40 amplifier, power adapter, and USB cable. Connect the power adapter to the DC IN port on the rear panel of the amplifier and plug it into a power outlet. Press the power switch on the front panel to turn on the amplifier.



Figure 2: Rear panel connections including DC IN, AUX, and USB.

Connecting Your Instrument

Plug your electric, bass, or acoustic guitar into the 1/4-inch INPUT jack on the front panel of the Spark 40.

Connecting to the Spark App (Bluetooth)

Download the Spark app from your device's app store. Enable Bluetooth on your mobile device and open the Spark app. The app will guide you through the pairing process to connect to your Spark 40 amplifier. This connection is essential for accessing most of the advanced features.



Figure 3: Spark 40 amplifier connected to the mobile app.

Firmware Update

It is recommended to check for and install any available firmware updates for your Spark 40 via the Spark app or the Positive Grid website to ensure optimal performance and access to the latest features.

Operating

Front Panel Controls

The Spark 40 features intuitive controls on its front panel for quick adjustments:

- **Amp Type Knob:** Selects different amplifier models (Crunch, Hi-Gain, Metal, Glassy, Clean, Bass, Acoustic).
- **Gain:** Adjusts the amount of overdrive or distortion.
- **Bass, Mid, Treble:** Standard EQ controls to shape your tone.
- **Master:** Controls the overall output volume of the amplifier.
- **Mod, Delay, Reverb:** Controls for built-in modulation, delay, and reverb effects.
- **Output:** Adjusts the volume of the guitar signal.
- **Input:** 1/4-inch jack for connecting your instrument.
- **Music Volume:** Controls the volume of music played via Bluetooth or AUX input.
- **TAP / Tuner (Hold):** Tap to set delay tempo; hold to activate the built-in tuner.
- **Save Preset (Hold):** Hold to save your current settings to one of the four preset slots.



Figure 4: Front panel controls of the Spark 40.



Figure 5: Detailed view of the Spark 40 control knobs.

Spark App Features

The Spark app unlocks the full potential of your amplifier:

- **Tone Engine & ToneCloud:** Access Positive Grid's BIAS tone engine with over 50,000 amp-and-FX presets on ToneCloud. Explore and download tones created by other users or upload your own.
- **Smart Jam:** The Smart Jam feature listens to your playing style and automatically generates authentic bass and drum backing tracks to accompany you.
- **Auto Chords:** Import songs from streaming services like Spotify, Apple Music, or YouTube. The app will analyze the song and automatically display the guitar chords in real-time, making learning new songs easier.

- **Effects Chain Customization:** Visually build and customize your effects chain with various virtual pedals and amplifiers within the app.
- **USB Audio Interface:** Connect your Spark 40 to a computer via USB to use it as an audio interface for recording directly into your favorite Digital Audio Workstation (DAW) or recording software.

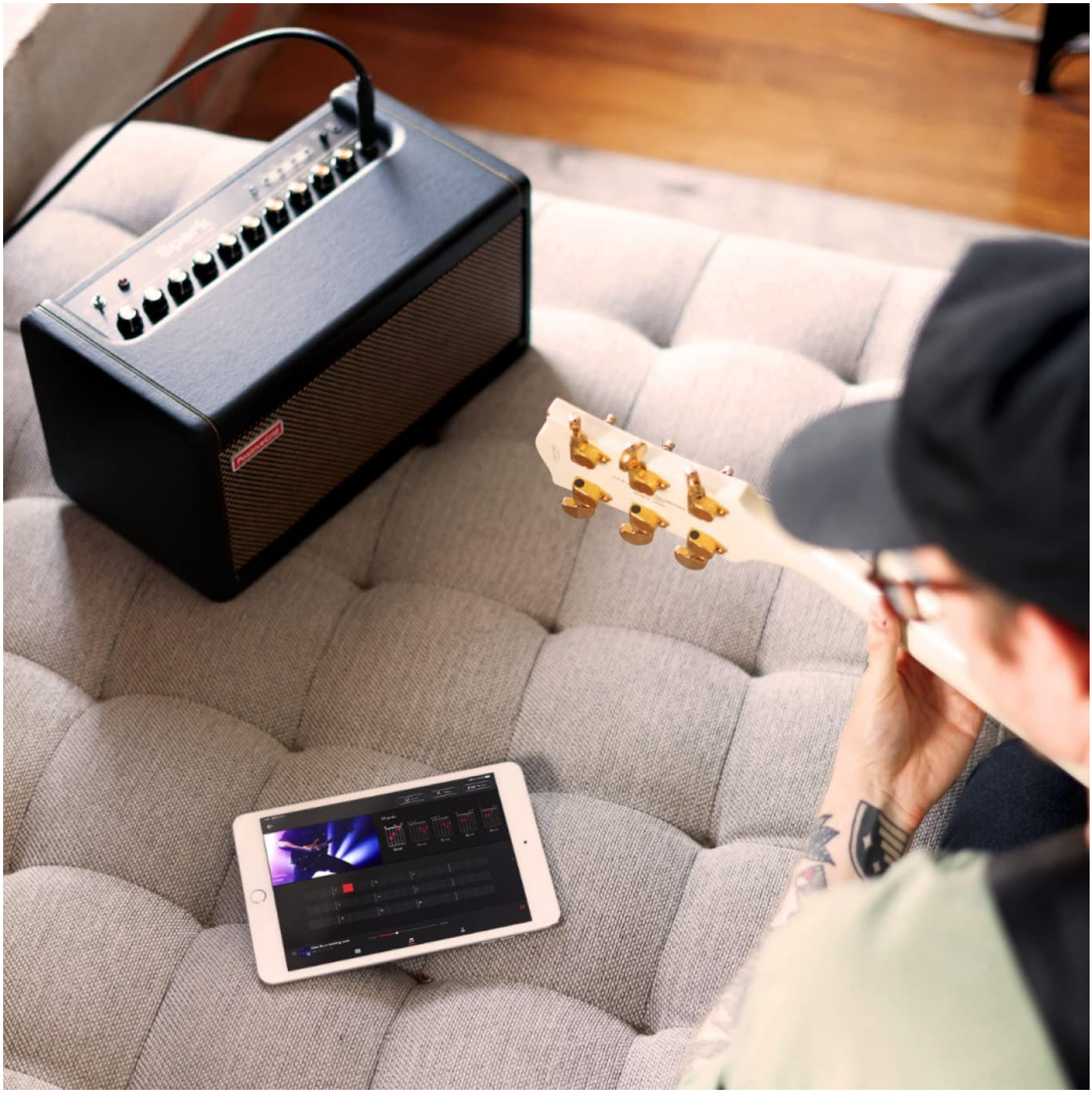


Figure 6: Playing guitar with the Spark 40 and interacting with the app on a tablet.

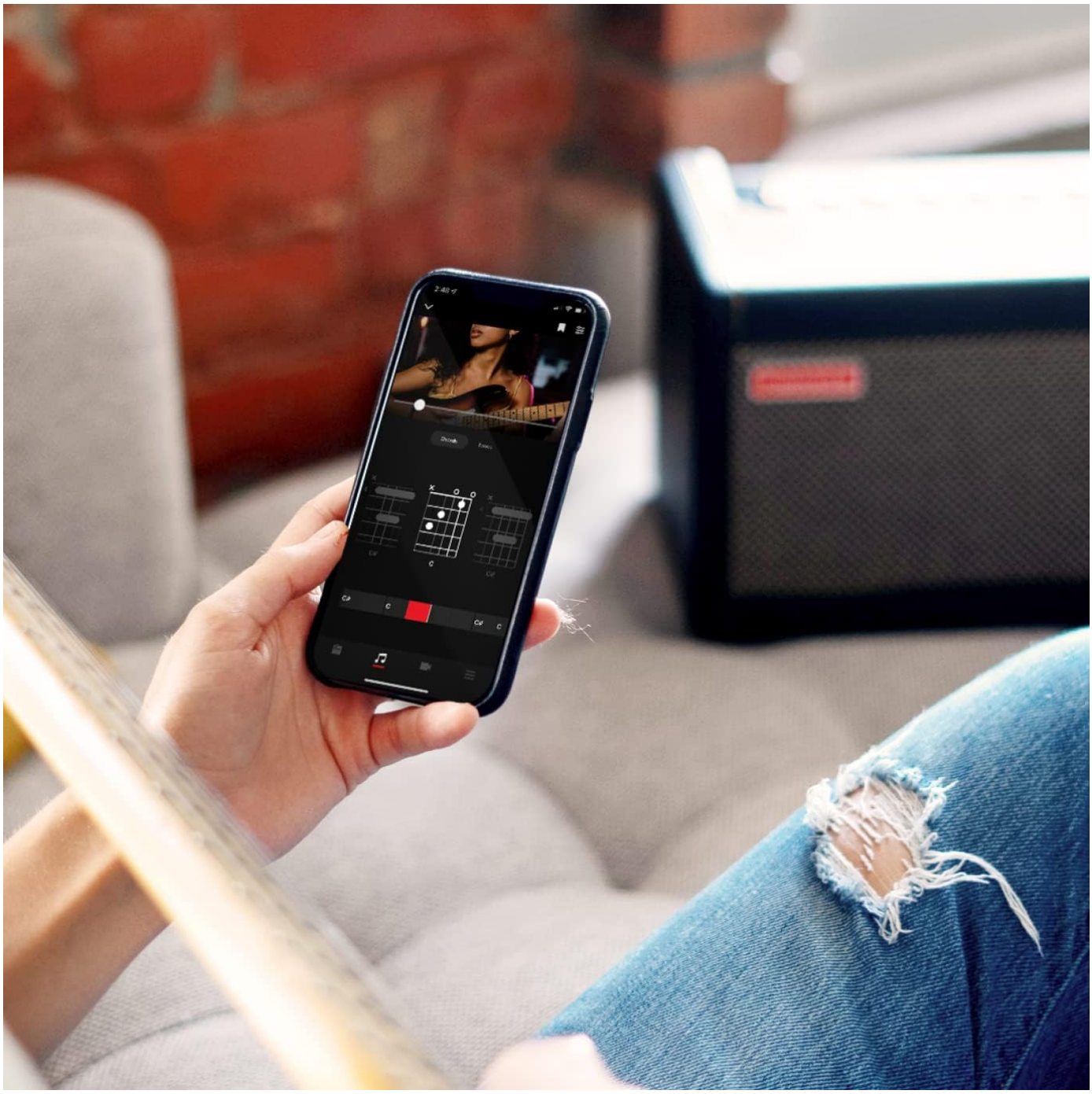


Figure 7: The Spark app's Auto Chords feature displaying chords for a song.

Using as a Bluetooth Speaker

The Spark 40 can also function as a high-quality Bluetooth speaker. Simply pair your mobile device with the amplifier via Bluetooth and play your music. Use the 'Music Volume' knob on the amplifier to adjust the playback volume.

Maintenance

Cleaning

To clean the exterior of your Spark 40, use a soft, dry cloth. For stubborn marks, a slightly damp cloth can be used, but ensure no moisture enters the vents or ports. Avoid abrasive cleaners or solvents.

Software Updates

Regularly check the Spark app for software and firmware updates. These updates often include new features, performance improvements, and bug fixes. Follow the on-screen instructions in the app for seamless updates.

Storage

Store the amplifier in a cool, dry place away from direct sunlight, extreme temperatures, and high humidity. Disconnect the power adapter when not in use for extended periods.

Troubleshooting

No Sound from Amplifier

- Ensure the amplifier is powered on and the power indicator light is illuminated.
- Check all cable connections (instrument cable, power cable).
- Verify that the 'Output' and 'Master' volume knobs are turned up.
- If using the app, ensure the correct preset is selected and not muted.

Bluetooth Connection Issues

- Make sure Bluetooth is enabled on your mobile device.
- Ensure the Spark 40 is within Bluetooth range (typically up to 30 feet).
- Try restarting both the Spark 40 and your mobile device.
- Forget the device in your phone's Bluetooth settings and re-pair.

App Crashing or Freezing

- Ensure your Spark app is updated to the latest version.
- Close and reopen the app.
- Restart your mobile device.
- Check if your device's operating system is compatible with the latest app version.

Sound Quality Issues (e.g., too much bass)

- Adjust the Bass, Mid, and Treble knobs on the front panel.
- Within the Spark app, explore different amp models and effects. Many presets offer varying tonal characteristics.
- Utilize the EQ settings within the app's effects chain to fine-tune the frequency response.

Specifications

Feature	Detail
Brand	Positive Grid
Model Number	855316004477

Feature	Detail
Output Wattage	40 Watts
Item Weight	15.2 pounds
Product Dimensions	7.48 x 13.78 x 7.09 inches
Color	Black
Material Type	Black Textured Vinyl, Pearl Textured Vinyl
Compatible Devices	Guitar (Electric, Bass, Acoustic)
Connector Type	USB
Power Source	Corded Electric
Voltage	40 Volts



Figure 8: Physical dimensions of the Spark 40 amplifier.

Warranty & Support

The Positive Grid Spark 40-Watt Combo Practice Guitar Amplifier comes with a manufacturer's warranty. For detailed warranty information, product registration, and technical support, please visit the official Positive Grid website. You can also find FAQs, user forums, and additional resources there.

Note: No official seller videos were available for direct embedding based on the provided criteria.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question