

Line 6 Spider V 20 MKII

Line 6 Spider V 20 MKII 20-watt Guitar Amplifier User Manual

Model: Spider V 20 MKII | Brand: Line 6

Introduction Setup Operation Spider V Remote
App Maintenance Troubleshooting Specifications Warranty & Support

1. INTRODUCTION

The Line 6 Spider V 20 MKII is a 20-watt modeling combo amplifier designed for guitar practice and recording. It features a range of authentic tones and effects, an intuitive control interface, and a USB audio interface for direct recording. Additional sounds and tone-crafting tools are accessible via the free Spider V Remote app.

This manual provides essential information for setting up, operating, maintaining, and troubleshooting your Spider V 20 MKII amplifier.



Figure 1.1: Front angled view of the Line 6 Spider V 20 MKII amplifier. This image displays the amplifier's overall design, including the speaker grille and the control panel at the top.

2. GETTING STARTED: SETUP

2.1 Unpacking

Carefully remove the amplifier from its packaging. Retain all packaging materials for future transport or storage.

2.2 Connecting Power

1. Ensure the amplifier's power switch is in the OFF position.
2. Connect the provided power cable to the AC input on the rear panel of the amplifier.
3. Plug the other end of the power cable into a suitable AC power outlet.

2.3 Connecting Your Guitar

Insert your guitar cable into the **INPUT** jack located on the front panel of the amplifier.

2.4 Initial Power On

Once all connections are secure, flip the power switch on the rear panel to the ON position. The amplifier

will power on, and the display will illuminate.



Figure 2.1: Rear panel of the Line 6 Spider V 20 MKII amplifier. This image highlights the AC power input, the power switch, and the product information label.

3. CONTROLS AND FUNCTIONS

The Spider V 20 MKII features an intuitive control panel for easy tone shaping. Familiarize yourself with the following controls:



Figure 3.1: Close-up view of the Line 6 Spider V 20 MKII control panel. This image details the input jack, preset selector, Drive, Tone, Volume, Reverb, FX controls, Master volume, Phones output, USB port, Tap/Tuner button, and Save button.

3.1 Front Panel Overview

- **INPUT:** 6.35mm (1/4-inch) jack for connecting your guitar.
- **PRESET Knob:** Selects from 16 factory presets, categorized by tone type (Crunch, Clean, Chime, Vibe, Acoustic, Bass, Insane, Ambient).
- **DRIVE Knob:** Adjusts the amount of gain or distortion for the selected amplifier model.
- **TONE Knob:** Controls the overall tonal character, from darker to brighter.
- **VOLUME Knob:** Adjusts the output level of the selected preset.
- **REVERB Knob:** Controls the amount of reverb effect applied to the sound.
- **FX Section (FX1, FX2, FX3):** These knobs control three simultaneous effects. The specific effect assigned to each knob can be customized via the Spider V Remote app.
- **MASTER Knob:** Controls the overall output volume of the amplifier.
- **PHONES Output:** 6.35mm (1/4-inch) stereo jack for connecting headphones. Automatically mutes the main speaker when in use.
- **USB Port:** Connects to a computer or mobile device for recording, editing with the Spider V Remote app, and firmware updates.
- **TAP/TUNER Button:** Tap repeatedly to set the tempo for time-based effects. Press and hold to activate the built-in tuner.
- **SAVE Button:** Press to save your customized tone settings to the currently selected preset location.



Figure 3.2: Diagram illustrating the front panel layout of the Spider V 20 MKII, showing the positions of the input, knobs, buttons, and ports.

3.2 Built-in Tuner

To use the built-in tuner, press and hold the **TAP/TUNER** button. The display will show the note being played and indicate if it is sharp or flat. Play one string at a time to tune your instrument. Press the **TAP/TUNER** button again to exit tuner mode.

3.3 Tap Tempo

For effects that are tempo-dependent, such as delay, tap the **TAP/TUNER** button two or more times in rhythm to set the desired tempo.

4. USING THE SPIDER V REMOTE APP

The free Line 6 Spider V Remote app expands the capabilities of your amplifier, providing access to over 200 amps and effects, deep editing features, and recording options.

4.1 Connecting to the App

Connect your Spider V 20 MKII amplifier to a Mac, PC, iOS, or Android device using a standard USB cable. Download and install the Spider V Remote app from the Line 6 website or your device's app store.



Figure 4.1: A universal serial bus (USB) symbol, indicating the connectivity option for the amplifier with various devices.

4.2 Exploring Amps and Effects

Within the app, you can browse a comprehensive library of amplifier models and effects. You can select, customize, and combine these to create unique tones. The app allows for more detailed parameter adjustments than the physical knobs on the amplifier.



Figure 4.2: A digital screen displaying a list of amplifier and effect presets, such as 'Cali Crunch', 'Deluxe Clean', and 'Tweed Crunch', which are accessible through the Spider V Remote app.

4.3 Recording

The USB interface allows you to use the Spider V 20 MKII as an audio interface for recording directly to your computer or mobile device. The app can facilitate this process, providing a streamlined workflow for capturing your guitar performances.

4.4 Optional Accessories

The Spider V 20 MKII is compatible with certain Line 6 accessories, such as wireless transmitters and footswitches, which can enhance your playing experience. These accessories typically connect via the USB port or other dedicated inputs, and their functionality can often be configured through the Spider V Remote app.

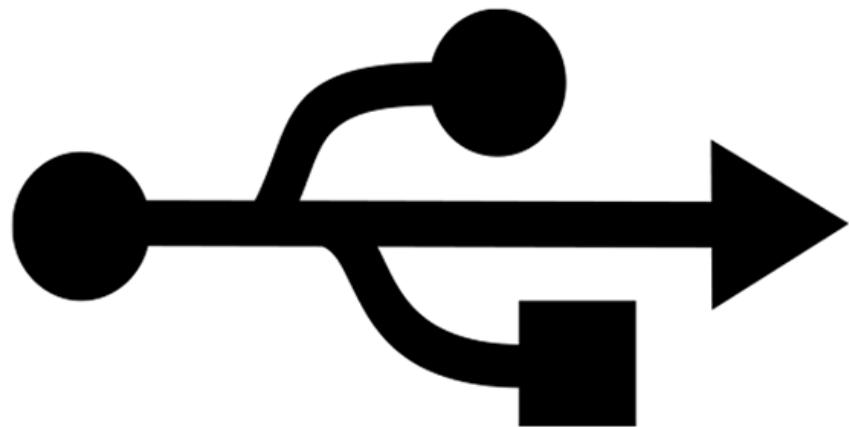


Figure 4.3: A Line 6 G10TII wireless guitar transmitter shown alongside a generic XLR input symbol, indicating wireless connectivity options for the amplifier.



Figure 4.4: A Line 6 footswitch positioned in the foreground, with the Spider V 20 MKII amplifier visible in the background, illustrating an optional control accessory.

5. MAINTENANCE

5.1 Cleaning

To clean the amplifier, use a soft, dry cloth. Do not use liquid cleaners or solvents, as these can damage the finish and internal components. Ensure the amplifier is unplugged from the power outlet before cleaning.

5.2 Storage

When not in use for extended periods, store the amplifier in a dry, temperature-controlled environment, away from direct sunlight and extreme temperatures. It is recommended to use the original packaging or a protective cover to prevent dust accumulation.

5.3 Fuse Replacement

The amplifier is equipped with a fuse for protection. If the amplifier fails to power on, check the fuse located near the AC input on the rear panel. Refer to the product label for the correct fuse type and rating (e.g., Fuse T1.6AL/250V). Always replace a blown fuse with one of the exact same type and rating. If fuses continue to blow, contact Line 6 support.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your Spider V 20 MKII amplifier.

6.1 No Sound Output

- **Check Power:** Ensure the amplifier is plugged in and the power switch is ON. Verify the power outlet is functional.
- **Volume Settings:** Confirm that the MASTER volume knob and the preset VOLUME knob are turned up.
- **Headphones:** If headphones are connected to the PHONES jack, the main speaker will be muted. Disconnect headphones to enable speaker output.
- **Guitar Connection:** Ensure your guitar cable is securely connected to both your guitar and the amplifier's INPUT jack. Test with a different cable if necessary.
- **Guitar Volume:** Check the volume knob on your guitar.

6.2 Distorted or Unwanted Sound

- **DRIVE Knob:** If the sound is excessively distorted, reduce the DRIVE knob setting.
- **Preset Selection:** Some presets are designed for high gain. Try selecting a 'Clean' preset to determine if the distortion is intentional.
- **Cable Issues:** A faulty guitar cable can introduce noise or distortion. Try a different cable.

6.3 Amplifier Not Responding to Controls

- **Reboot:** Turn the amplifier OFF, wait a few seconds, then turn it back ON.
- **Firmware:** Ensure your amplifier's firmware is up to date using the Spider V Remote app.

7. SPECIFICATIONS

Feature	Detail
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Feature	Detail
Output Wattage	20 Watts
Item Weight	12.76 pounds (5.79 kg)
Product Dimensions (L x W x H)	8.3 x 13 x 12.2 inches (21.1 x 33 x 31 cm)
Model Number	Spider V 20 MKII
Compatible Devices	Guitar
Connector Type	6.35mm Jack (Input, Phones)
Material Type	Wood
Color	Black
Power Source	corded electric
Features	16 Presets, 3 Simultaneous Effects, Independent Reverb, Built-in Tuner, Tap-Tempo, USB Audio Interface, Spider V Remote App compatibility (200+ Amps & Effects)

8. WARRANTY AND SUPPORT

The Line 6 Spider V 20 MKII amplifier is covered by a manufacturer's warranty. Please refer to the warranty card included with your product or visit the official Line 6 website for detailed warranty terms and conditions. For technical support, service, or further inquiries, please contact Line 6 customer support through their official website or the contact information provided in your product documentation.

Line 6 Official Website: line6.com

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Related Documents

 SPIDER V 20 <small>Line 6 Spider V 20 User Manual</small>	Line 6 Spider V 20 Guitar Amplifier: Pilot's Guide and Features Explore the features, controls, and connectivity of the Line 6 Spider V 20 guitar amplifier. This guide covers amp models, effects, USB interface, and the Spider V Remote app for tone editing and firmware updates.
 Spider II <small>Line 6 Spider II 15, 30 & HD75 User Manual</small>	Line 6 Spider II 15, 30 & HD75 User Manual User manual for the Line 6 Spider II series amplifiers (15, 30, and HD75), detailing features, controls, safety precautions, and pedal compatibility.

	<p>Line 6 Helix LT 3.0 Owner's Manual</p> <p>Comprehensive owner's manual for the Line 6 Helix LT guitar multi-effects pedal, covering setup, features, operation, signal flow, global settings, and advanced functions. Learn to master your Helix LT for stage and studio.</p>
	<p>Line 6 POD Go / POD Go Wireless 1.20</p> <p>Line 6 POD Go / POD Go Wireless 1.20</p> <p>USB /MIDI</p>

Documents - Line 6 – Spider V 20 MKII

PRESS RELEASE

FOR IMMEDIATE RELEASE

[Line 6 Announces Spider V 20 MkII Guitar Practice Amplifier](#)

CALABASAS, Calif. -- October 1, 2019 — Line 6 today introduced the Spider® V 20 MkII amplifier for practicing guitarists. Whether just starting their guitar journey, or seasoned professionals, guitarists can now practice their music with a practice amp: authentic amp tones, no-hassle controls, and inspiring presets that make learning fun and easy.

Designed with a great right out of the box, the Spider® V 20 MkII features an intuitive interface with color-coded controls and dedicated front-panel buttons that make it easy to plug in and begin practicing. Guitars naturally diverse sounds can be dialed in with the tone controls, and the built-in tuner, while the new Classic Speaker mode provides an exceptionally organic feel. Each preset contains a built-in tuner and a built-in metronome, and out-of-studio-style using the dedicated FX buttons on the front panel.

The new line of Spider V MkII amplifiers have been meticulously designed to deliver outstanding tone, and provide countless hours of variety and satisfaction. Each model is built with a 10W Class A power amp, and the Spider® V 20 MkII has much in common with its larger sibling in the series, including a built-in tuner. New presets and sound effects are included with the new Classic Speaker mode provides an exceptionally organic feel. Each preset contains a built-in tuner and a built-in metronome, and out-of-studio-style using the dedicated FX buttons on the front panel.

Spider® V 20 MkII amplifiers are the first models that make practicing easier and more fun. A dedicated Reverb control adds atmosphere and depth, while a TapTuner button enables guitarists to tap in delay times and switch between 10ms and 100ms. The TapTuner button also allows guitarists to hold the TapTuner button to access the onboard tuner and quickly tune their instrument.

Standing less than a foot tall and weighing only 11 pounds (5 kg), Spider® V 20 MkII is the perfect travel amp for guitarists on the go. The Spider® V 20 MkII, Spider® V 20 MkII has much in common with its larger sibling in the series, including a built-in tuner. New presets and sound effects are included with the new Classic Speaker mode provides an exceptionally organic feel. Each preset contains a built-in tuner and a built-in metronome, and out-of-studio-style using the dedicated FX buttons on the front panel.

Connect Spider® V 20 MkII to a Mac® or PC, or mobile device via the Micro USB port, and use the free Spider® V Remote application to access additional amps and effects. The Spider® V 20 MkII also includes a 1/8" stereo headphone jack, and the arms in the Spider® V MkII Series. Guitars can also record, edit, and mix performances using the free Cubase® LE application, a free download with registration of Spider® V 20 MkII.

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Hot Winter Savings

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Whatever drives your creativity, Spider® V MkII amplifiers get you there with all the ease, depth that defines your personal musical vision. Plug right in and immediately rock a traditional amp tone, or enjoy tweaking until you're dialed in an inspiring tone of your own!

Between February 1 and March 31, 2024, save on Spider V MkII Combo Amplifiers:

- \$100 instant rebate on Spider V 240 MkII
- \$40 instant rebate on Spider V 30 MkII
- \$40 instant rebate on Spider V 20 MkII

(U.S. only, Terms and conditions apply.)

Terms and Conditions

• Promotion Period: 12:01am PST, February 1, 2024 through 11:59pm PST, March 31, 2024.

• Instant Rebate:

- Purchase of one (1) Spider V MkII Series Amp.
- Purchase of one (1) Spider V 240 MkII.
- Purchase of one (1) Spider V 30 MkII.
- Purchase of one (1) Spider V 20 MkII.

• The instant Rebate will be reflected in the final purchase price at the time of sale.

• Products must be purchased from an authorized reseller. Instant Rebates are not available for remarketed, demonstration or new products. Purchases from online auction are not eligible.

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Line 6 Spider Combo Amp Promotion

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Between May 1 and June 30, 2023, save on Spider V MkII Combo Amplifiers:

- \$500 instant rebate on Spider V 240 MkII
- \$500 instant rebate on Spider V 120 MkII
- \$500 instant rebate on Spider V 100 MkII
- \$200 instant rebate on Spider V 30 MkII
- \$200 instant rebate on Spider V 20 MkII

(U.S. only, Terms and conditions apply.)

Terms and Conditions

• Promotion Period: 12:01am PST, May 1, 2023 through 11:59pm PST, June 30, 2023.

• Eligible Products: Spider V 240 MkII and Spider V 120 MkII, Spider V 100 MkII and Spider V 20 MkII.

- Spider V 240 MkII combo amp \$500 USD instant rebate
- Spider V 120 MkII combo amp \$500 USD instant rebate
- Spider V 100 MkII combo amp \$500 USD instant rebate
- Spider V 30 MkII combo amp \$200 USD instant rebate
- Spider V 20 MkII \$200 USD instant rebate

• The instant Rebate will be reflected in the final purchase price at the time of sale.

• Products must be purchased from an authorized reseller. Instant Rebates are not available for remarketed, demonstration or new products. Purchases from online auction are not eligible.

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