

## 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

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## 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](https://www.line6.com)

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### Related Documents

	<p><a href="#">Line 6 Spider V 20 Guitar Amplifier: Pilot's Guide and Features</a></p> <p>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.</p>
	<p><a href="#">Line 6 Spider II 15, 30 &amp; HD75 User Manual</a></p> <p>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](#)

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.



[Line 6 POD Go / POD Go Wireless 1.20](#)

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Documents - Line 6 – Spider V 20 MkII



[\[pdf\]](#) Press Release

Microsoft Word Line 6 Spider V 20 MkII PR 092719 nichige Announces Guitar Practice Amplifier 1 oct

2019 — CALABASAS Calif October today introduced the Spider® amplifier for practicing guitarists

Whether just starting their guitar line6 data 0a020a40d3225d9393889efc7 application |||

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, guitari...

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Địa điểm áp dụng:

- văn phòng Experience Corner (Shinjyuku)
- Cầu hàng kim nhạ văn hóa - Aomori Mall Shinjuku

Thời gian áp dụng: 1/8 – 30/8/2023

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