

# Jamstik<sup>®</sup>

Studio MIDI Guitar

## User Manual



Go to [Jamstik.com/Start](https://www.jamstik.com/Start) for detailed guides, video tutorials, and free software downloads!

Before using the unit, carefully read the “Important Safety Instructions” present in this manual.

Rev. A

# Important Safety Instructions

---

## Battery Warnings & Proper Care

### WARNING:

The user must have appropriate understanding of lithium ion batteries before purchase. Use caution when working with and using lithium ion batteries as they are very sensitive to charging characteristics and may explode, burn, or cause a fire if misused or mishandled. Always charge in or on a fire-proof surface. Never leave batteries charging unattended. This battery is sold for the use of system integrations with proper protection circuitry or battery packs with a battery management system or PCB (circuit board/module). Buyer is responsible for any damage or injury caused by misuse or mishandling lithium ion batteries and chargers. Charge only with a smart charger designed for this specific type of lithium ion battery.

Misusing or mishandling lithium ion batteries can pose a SERIOUS RISK of personal injury, property damage, or death

**BATTERIES MAY EXPLODE, BURN, OR CAUSE A FIRE IF MISUSED OR MISHANDLED**

ONLY use within manufacturer specification

DO NOT store loose in pocket, purse, etc. – always use a protective case

KEEP AWAY from metal objects to prevent short circuiting

DO NOT short circuit

DO NOT use if wrapper or insulator is damaged or torn

DO NOT use if damaged in any way

DO NOT overcharge or over-discharge

DO NOT modify, disassemble, puncture, cut, crush, or incinerate

DO NOT expose to liquids or high temperatures

DO NOT solder

User must be familiar with handling lithium ion batteries before purchase

Usage of batteries is AT YOUR OWN RISK

## Trademarks

- Apple, iPad, iPhone, Mac, iOS and OS X are trademarks of Apple Inc., registered in the U.S. and other countries.
- Windows is a trademark of Microsoft Corporation in the U.S. and other countries.
- Bluetooth is a registered trademark of Bluetooth SIG, Inc.
- Jamstik is a registered trademark of Zivix LLC.
- All product names and company names are the trademarks or registered trademarks of their respective owners.

## Further Support & Videos

For detailed instructional videos, like how to restring your guitar, how to properly adjust your string height for best pickup performance & more, visit [studiomidiguitar.com](http://studiomidiguitar.com)

You may also send us an email at [support@jamstik.com](mailto:support@jamstik.com)

## Warranty & Registration

- For details on your limited warranty, please get your product serial number handy, and visit [jamstik.com/start](http://jamstik.com/start) to register your product and view warranty details.
- Under the limited warranty, your guitar is protected for 1 year from original purchase date & may not be transferred to subsequent owners.

## Other Guitar Care Instructions

- When possible, store your guitar in its case to keep it protected.
- Limit extreme hot or cold exposure when possible and take care to treat it well.
- It may be necessary to adjust the truss rod to compensate for climate and humidity changes that can occur in transit. For further information, visit [Jamstik.com/Start](http://Jamstik.com/Start)

# Welcome

---

Thank you for joining the Jamstik family with your Studio MIDI Guitar purchase. This guitar represents a long-time vision for us and our customers, and we wish you a warm welcome to the product. Thank you for being part of our story, we hope this guitar helps you tell yours.

*- The Jamstik Team*

---

## Get Started Online

The Jamstik Studio MIDI guitar will likely be useable with any software that accepts MIDI input and ships in standard MIDI mode.

A minimal installation of the Jamstik Creator software on any compatible computer will allow you to set up.

***Jamstik.com/start***

## ***Table of Contents***

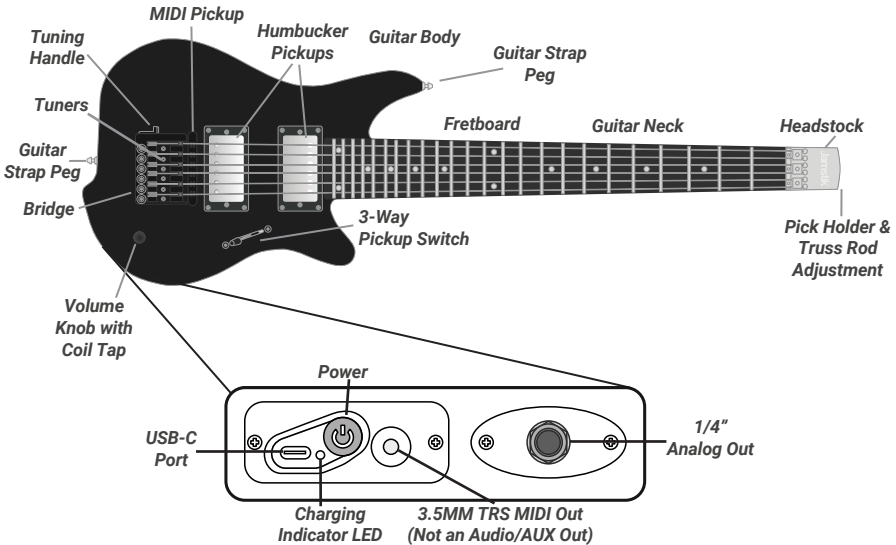
---

<b>Getting To Know Your Instrument</b>	pg 2
<b>Guitar Setup Instructions</b>	pg 3
<b>Connectivity</b>	pg 4
<b>Software Guide</b>	pg 6
<b>Specifications</b>	pg 7
<b>Quick Tips</b>	pg 8










# Getting to Know Your Instrument

## Parts of the Guitar

Your MIDI Guitar is also a fully functioning electric guitar.



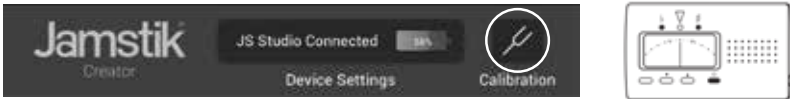
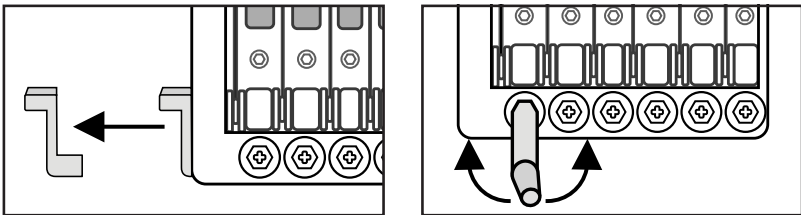
## What's Included:

-  Jamstik Studio MIDI Guitar
-  Detachable hex tuning handle
-  USB-C to USB-A connection and charging cable
-  1/4" guitar cable
-  3.5mm TRS-MIDI cable
-  2 guitar picks
-  Jamstik Creator software plugin
-  Jamstik Portal software
-  User manual

# Guitar Setup Instructions

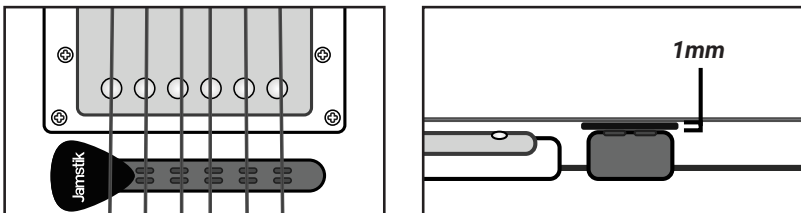
## Keeping Your Guitar Tuned

- Your guitar may need to be tuned upon shipment, and subsequently over time.
- Tuning is critical for optimal MIDI performance. We recommend checking your guitar's before each use for best results.
- Your guitar is tuned at the bridge rather than the headstock.
- Use the built-in tuning handle at the bridge to rotate the tuners up to correct tension.
- You may use any guitar tuner or tuning app you wish with the analog audio source.
- You can also tune through USB-C MIDI connection using the built-in tuner in the Calibration menu of the Jamstik Creator Software.



## Calibrating The MIDI Pickup

- Maintaining the proper 1mm spacing between the MIDI pickup and string is crucial for optimal performance
- Measure the distance between the string and pickup with the included 1mm pick laid flat as shown below
- Adjust each string as needed using the provided Allen key to set the string saddle height to approximately a 1mm gap between the string and pickup.
- For help adjusting the action, watch our video tutorials on [jamstik.com/start](http://jamstik.com/start).

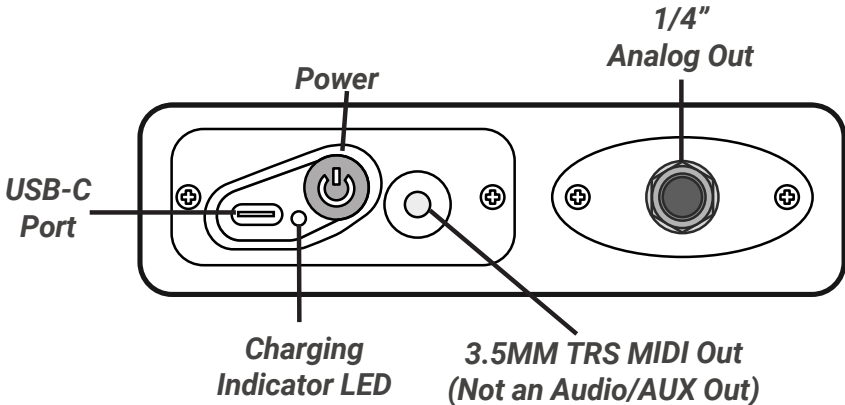


## Connectivity

---

### Charging & Powering Up

- Your Studio MIDI Guitar will come partially charged. You may play & charge simultaneously.
- To charge, connect the included USB-C cable to the guitar using a compatible charging adapter, or a computer. The indicator LED will light up orange while charging, and turn green when fully charged.

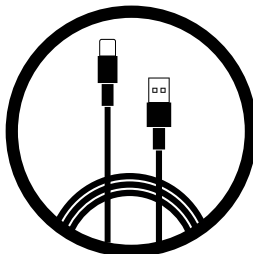


- To power on, hold the power button for 1 second. The LED indicator will pulse red at startup, blink green when ready to pair, and appear solid green when connected.
- To power OFF, hold the power button for 1 second and release.

### Connect and Pair

#### Mac/PC over USB (Recommended)

- Connect using the included USB cable or a comparable **data-enabled** cable.
- The Power Button will display a solid green state when connected.



# Connectivity

---

## iOS over Bluetooth

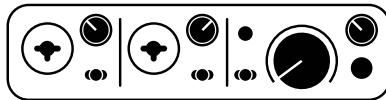
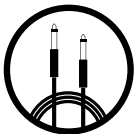
- Instruments must be connected through **Bluetooth MIDI in-app** and can't connect through the system Bluetooth settings.
- Download the Jamstik Portal App from the Apple App Store.
- Power on your Guitar, and open the app.
- The Bluetooth MIDI devices menu will show up after signing in. You can also click on the connect button on the right side menu.
- Find your Jamstik Studio MIDI Guitar in the list of devices and tap to connect.



- You may also be able to connect to other MIDI enabled apps by either connecting through the Jamstik Portal or locating an app's Bluetooth MIDI connection menu.
- For a list of compatible apps visit [jamstik.com/software](https://jamstik.com/software).

## Connecting to an Amp or Audio Interface

- The Studio MIDI Guitar can be played as a standard electric guitar through an amplifier or audio interface.
- Use the included 1/4" cable to connect from the guitar into the amp or interface.
- A USB Audio interface is the easiest way to get your guitar's traditional audio onto your computer and can be used simultaneously with the MIDI output.



## Utilizing MIDI Third Party Compatible Hardware

- The Jamstik Studio MIDI Guitar is a class-compliant MIDI device, therefore it works with other class-compliant, MIDI-compatible hardware & software.
- If you are not sure if the 3rd party device supports MIDI input from external controllers, we recommend contacting the manufacturer of the device to

## Other Connections (Bluetooth/5 Pin MIDI)

- For detailed connection instructions for other devices head to [jamstik.com/start](https://jamstik.com/start)

# Software Guide

---

## Included Software

Your Studio MIDI Guitar comes with software for Mac, PC & iOS. Make sure to download the compatible software for the best possible playing experience with sounds designed specifically for the Jamstik.

### Jamstik Creator Plugin

The Creator Plugin is your home for experiencing the best performing sample and oscillator based virtual instruments the Jamstik Team has to offer. Take advantage of full MPE (MIDI Polyphonic Expression) by sending pitch bend/CC messages on multiple channels for true six string digital guitar expression.



- You can download the Jamstik Creator software as a standalone desktop app or plugin for your DAW.
- Visit [jamstik.com/software](https://jamstik.com/software) to get started.
- You will need around 300MB of disc space for installation plus additional space for downloaded virtual instruments.

### Jamstik Portal App (iOS/Chrome/Mac/PC)

The Jamstik Portal is your home for guitar instruction, firmware updates & settings adjustments. You can download the Jamstik Portal for iOS or access it via the Google Chrome Web Browser.

- After signing in, your progress and profile is saved across web and iOS.
- Visit [play.jamstik.com](https://play.jamstik.com) to get started or download the Jamstik Portal from the iOS App Store.
- You will need 100MB of space for installation on iOS devices.



### Utilizing MIDI Third Party Compatible Software

- Your Studio MIDI Guitar should be recognized by most DAW software.
- It is recommended to connect to the computer before starting up the software.
- Once you have opened up the software, create a new MIDI track, Assign a MIDI instrument or plugin VST, and you will be playing sound in no time.
- For more details and advanced tutorials for specific software, please visit our website.

### Enabling MPE (MIDI Polyphonic Expression)

- By default, the Jamstik Studio MIDI Guitar is in Standard MIDI Mode. To change modes to enable MPE or multi-channel MIDI tacking, go to Device Settings in Jamstik Creator.



## Specifications

---

### Guitar Specifications

Model	Jamstik Studio MIDI Guitar
Height	32.5" / 825.5mm
Net Weight	5.5lb / 2.5kg
Body Material	Mahogany
Neck Material	Maple
Neck Shape	C-Shape
Scale Length	25.5" / 648mm
Fretboard Radius	13.78" / 250mm
Number of Frets	24 (Mother of Pearl Dots)
Truss Rod	Yes
Fingerboard	Rosewood
Neck Width	1.57" / 40mm
Bridge Pickup	LIGHTNING LH-B
Neck Pickup	LIGHTNING LH-N
Pickup Switching	3-Position Toggle
Pickup Configuration	HH
Knobs / Special	1 volume Knob w/ Coil Tap
Battery Type	Efest IMR 18650 Lithium Ion
Battery Size	3000mAh 35A
Battery Life	10 hours on full charge
Battery Charge Time	4 hours (with 2.0A charger)

### Default MIDI CC Messages

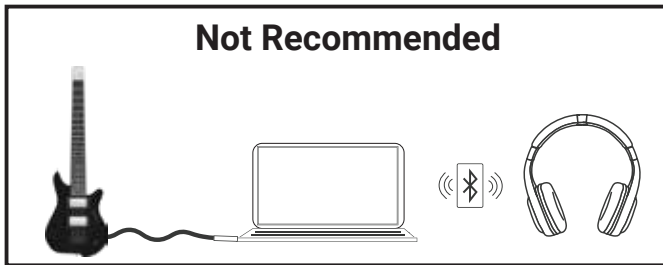
Bank Select	CC0
Modulation Wheel	CC1
Breath Controller	CC2
Foot Controller	CC4
Portamento Time	CC5
Data Entry MSB	CC6
Channel Volume	CC7
Balance	CC8
Pan	CC10
Expression Controller	CC11

Full list available at [MIDI.org](http://MIDI.org)

## Quick Tips

---

- If using a third-party USB cable for connection, please ensure the cable is data-enabled. For example, a Mac USB-C charging cable will not transfer MIDI data.
- **Wireless headphones & speakers cause a delay.** Always use wired audio output from your connected device for the best playing experience.



- **Lower the Buffer Rate in your DAW - Latency is one of the biggest barriers in getting MIDI devices to perform the way you want them to.** Make sure that your device and software are set to the most responsive settings. You should also close any other software programs on your device that may be running in the background.
- **Explore the world of Compatible Apps and Software -** There are so many great DAWs, Plugins, and Apps that have amazing synthesizers, drum samples, and other sounds that work fantastic with the Jamstik. We encourage you to explore some of our favorites at [jamstik.com/software](https://jamstik.com/software).
- **Pickup height and proper tuning are essential for optimal MIDI performance with the Jamstik.** The Jamstik is able to accept alternate tunings as low as C Standard tuning (C-F-A#-D#-G-C). Tuning below this may degrade MIDI performance.
- **The 3.5mm jack on your guitar is for TRS-MIDI messages only and will not output audio into speakers or headphones.**

## Contact

---

### Our customers come first.

If you have any questions, we are here to help.  
Contact our Customer Experience Team at:  
**support@jamstik.com**  
Submit a ticket at: **jamstik.com/support**  
(612) 225-0096

### Connect With Us!



@Jamstik



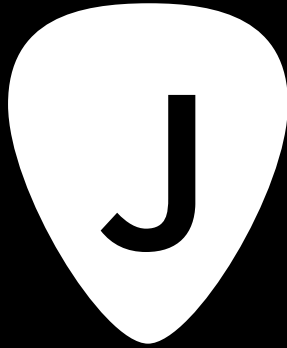
@Jamstik



@Jamstik



@Jamstikvideo



What's Next for Guitar

[Jamstik.com](http://Jamstik.com)

---

**Jamstik**  
Studio MIDI Guitar

181 Cheshire Lane, STE 700  
Plymouth, MN 55441  
612-225-0096

©Zivix LLC All Rights Reserved  
Jamstik is a trademark of Zivix, LLC