

## Quick Start Guide

# LIVID

[www.lividinstruments.com](http://www.lividinstruments.com)

# Guitar Wing Quick Start Guide

Thanks for purchasing the Guitar Wing™ from Livid Instruments. We've designed Guitar Wing to encourage you to experiment and expand your creative possibilities. We can't wait to see and hear what you do with it!

For additional resources and instruction on using your Guitar Wing please visit **[lividinstruments.com/guitarwing](http://lividinstruments.com/guitarwing)**.

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Designed in Austin, TX USA.

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## In the Box

- Guitar Wing
- USB receiver
- Charging cable
- Safety strap
- Spacer shim
- User guide

## Product Registration

Thank you for purchasing the Guitar Wing from Livid Instruments. We hope this new device and concept will inspire you with new possibilities for creative expression. Please register your device by going to **[lividinstruments.com/register](https://lividinstruments.com/register)** to make sure you get the latest updates, news, and tips for using your Guitar Wing.

## Quickstart

The Guitar Wing is a fully customizable control surface but customizing the controls and using the Wing Editor is not necessary to start using the Guitar Wing. It's plug-and-play: just follow this Quickstart Guide to get you playing in minutes.

1. Power on the Guitar Wing using the slide switch on the side of the device
2. Connect the wireless USB Receiver to your computer or tablet
3. Clamp the Guitar Wing on your guitar or bass and position the Safety Strap
4. Check your software's MIDI preferences or settings to choose Guitar Wing as your USB MIDI device
5. Start using your Guitar Wing!

## Fitting your Guitar Wing

The Guitar Wing is designed to fit a wide variety of Guitars and Basses ranging from 1.25"(30mm) to 1.75"(45mm) Some setup may be required

to get the Guitar Wing to fit your exact guitar model. We have designed the device to both swivel and change thickness using the space shim.

## **Swivel**

The Guitar Wing is designed to fit to the guitar with the lower arm touching the inside curve of the guitar cut-out. In this position, you can sit down with the guitar and the Guitar Wing will not move as it rests against your leg. The top housing should match the angle of the horn. To adjust the angle the Guitar Wing sits at, flip the Guitar Wing over so the controls are face down. Where the arm is mounted to the housing, you will see three position holes. The Guitar Wing ships in position 'A.' You can adjust the mounting angle by removing the position screw and rotating the arm to either position 'B' or 'C.' Once it's properly positioned, replace the position screw in the new position hole. Be careful not to over-torque the position screw when adjusting the swivel.

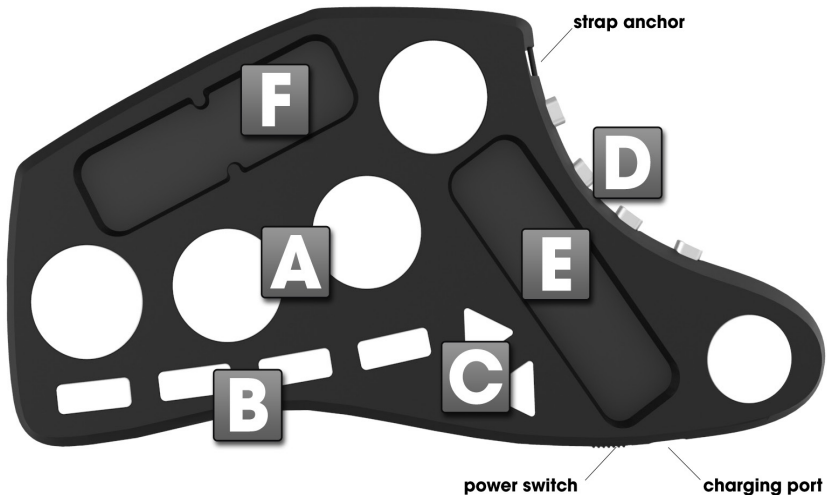
## **Thickness**

The Guitar Wing ships with a spacer shim that is designed to keep the Wing securely clamped to most guitars. For guitar bodies 1.25" (32mm) and thinner, you will need to attach the included thicker shim. There are four screws from the bottom of the lower shim that hold the shim on. Remove all four screws and re-attach the taller shim to get a tighter clamping assembly.

## **Safety**

The Guitar Wing is designed to stay clamped to the guitar and move as little as possible. To protect against damage and drops during more active performances, there are two strap anchors and an elastic safety strap included. It is recommended that you loop the safety strap on the bottom anchor and leave it attached. When you place the Guitar Wing on the guitar and have it in the correct position, stretch the safety strap over the guitar and hook the end into the upper strap anchor.

# Using The Wing



## Controls

Default behavior of Guitar Wing's controls are described below. Use the Guitar Wing Editor to change how different controls respond.

- A. Pads** - The Guitar Wing has five pressure/velocity sensitive pads that send MIDI Note messages and CC afterpressure messages. By default, the smallest pad located near the horn of the controller is used to turn the Motion Control on and off.
- B. Function Buttons** - The four function buttons act as on/off switches and send note on/off messages when pressed. These are not pressure sensitive.
- C. Direction Buttons** - The two directional buttons act as on/off switches and send note on/off messages when pressed.
- D. Side Buttons** - The four function buttons act as on/off switches and send note on/off messages when pressed.

- E. **Touch Fader** - The long touch fader sends CC messages for position, and note on/off messages when touched.
- F. **Dual Touch Fader** - The dual-touch fader acts as two faders and sends CC messages for position and note on/off messages when touched.

## Other Controls

- **Accelerometer (Motion Control)** - The accelerometer sends CC messages when enabled. To use the accelerometer or Motion Control, simply tilt the device up and down or lean forward when enabled to send these messages. By default, the accelerometer is enabled by toggling the fifth pad at the end of the horn of the instrument.
- **Power Switch** - The power switch turns the Guitar Wing on and off. Turn the Guitar Wing off when not in use to conserve battery life.
- **Strap Anchor** - Connect the safety strap to the strap anchor for added stability when performing.

## Connections

- **Charging Port** - The Guitar Wing is charged with a micro USB cable and can be charged using any 5V USB charging source, including the USB port on your computer. The Charging Port does not act as a data transfer between the computer and the device, it is used for charging only.
- **Wireless Receiver** - The USB wireless receiver send messages back and forth to the Guitar Wing and connects to the USB port of your computer, tablet, or non-computer MIDI host devices.

## Charging and Power

The Guitar Wing is powered by a lithium ion battery and a full charge will give you approximately eight hours of use. The Guitar Wing is charged using a micro USB cable and can be connected to any 5V USB charging source, such as a USB port on your computer. The Charging Port does

not act as a data transfer between the computer and the device, it is used for charging only.

## Wireless Useage

The Guitar Wing can only be used as a wireless device; the USB connection is for charging only. The Guitar Wing uses its own proprietary USB receiver to send MIDI messages back and forth to the device. This receiver acts as a plug-and-play class-compliant MIDI device and works with OS X, Windows, Linux, iOS (with camera connection kit) or any USB MIDI host, without the need for drivers. Simply connect the Guitar Wing USB receiver to your host and power up the Guitar Wing.

While the Guitar Wing uses Bluetooth as a protocol for communicating between the device and the receiver, pairing and bluetooth setup is not required for use. We've designed the Guitar Wing in such a way as to make it a driverless class-compliant MIDI device that's totally plug-and-play.

### Pairing your Guitar Wing with the USB receiver

1. Power on your Guitar Wing using the power switch
2. Plug your USB receiver into your computer, tablet, or USB MIDI host
3. Wait 10 seconds and start using your Guitar Wing

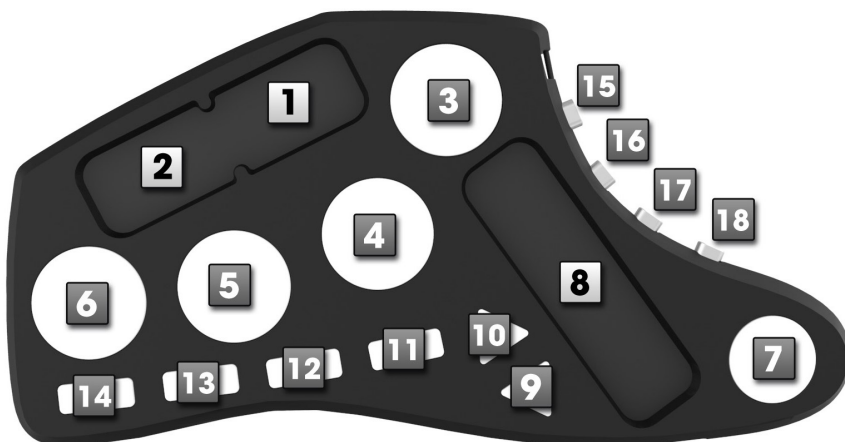
## WingFX™

The Guitar Wing is a class-compliant MIDI controller that can be used with any software that supports MIDI. It can be used with a wide range of Digital Audio Workstations (DAWs), effect or instrument plug-ins, DJ, lighting, and video software platforms.

To help you play your Guitar Wing right out of the box, we've created WingFX, a software package custom-designed for your Guitar Wing. WingFX is a cross-platform application that can be used as a standalone software or a VST/AU in your favorite DAW or plug-in host. It offers instant access to effects, filters, samples, and more, specifically matched to the unique controls on your Guitar Wing. WingFX is available for free



for Guitar Wing, Just visit [lividinstruments.com/guitarwing](http://lividinstruments.com/guitarwing)



## Controls Overview

1. LFO Hi-pass filter
2. LFO Lo-pass filter
3. Pitch shift up 5th
4. Pitch shift up 1 octave
5. Harmonizer up 5th
6. Harmonizer up 1 octave
7. Motion control (accelerometer) enable for wah effect
8. Autochop
9. Sample volume down
10. Sample volume up
11. Sample slot 1
12. Sample slot 2
13. Sample slot 3
14. Sample slot 4
15. Distortion on/off
16. Reverb on/off
17. Delay on/off
18. Delay tap-tempo

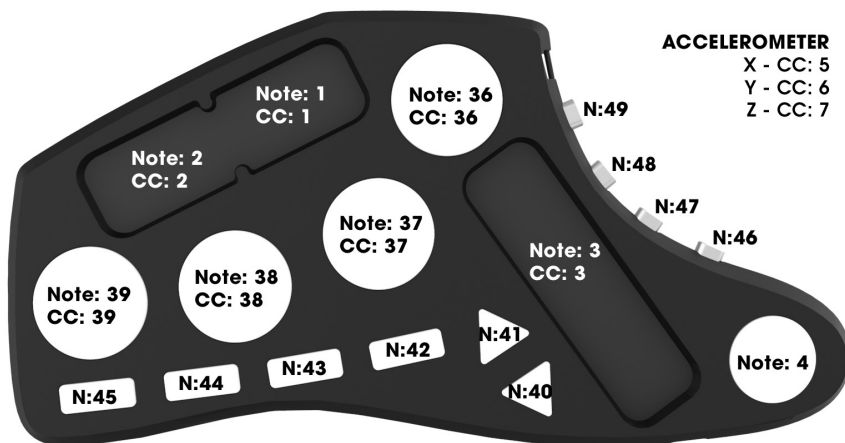
For full instructions on how to use WingFX please visit [lividinstruments.com/guitarwing](http://lividinstruments.com/guitarwing)

## Using the Editor

The Guitar Wing Editor allows you to edit all of the settings on the device. You can customize the messages that the controls send, and change the colors of all of the LEDs on the device. For more information about the Guitar Wing Editor visit [lividinstruments.com/guitarwing](http://lividinstruments.com/guitarwing)

## MIDI Map

### Default MIDI settings



## Support

For additional support please visit [lividinstruments.com/guitarwing](https://www.lividinstruments.com/guitarwing) where you'll find downloads, tutorials, FAQ, forums, and a direct link to us. We're always excited to hear from our users and see what you are doing with our products, so don't be shy!

## Warranty

### Damage

Your Instrument should be inspected immediately upon receiving it. If there are any damages they should be reported immediately. All of our instruments are fully tested just prior to leaving our plant. We're reasonable people, if you let us know about it right away we'll take care of it for you.

### Warranty

Livid Instruments warrants that this product is free of defects in materials and workmanship under normal conditions for one year from the purchase date, so long as the product is: owned by the original purchaser; the original purchaser has proof of purchase from Livid Instruments or an authorized dealer. Warranty does not include repairs needed due to misuse, abuse, or abnormal normal wear and tear. If you decide to light your guitar on fire in a glorious encore with the Guitar Wing attached, there is little chance your warranty won't be voided.

In the event that Livid Instruments receives written notice of defects in materials or workmanship from such an original purchaser, Livid Instruments will either replace the product, repair the product, or refund the purchase price at its option. In the event any repair is required, shipment to and from Livid Instruments and a nominal handling charge shall be born by the purchaser. In the event that repair is required, a Return Authorization (RMA) number must be obtained from Livid Instruments. After the RMA number is obtained, the unit should be shipped back to Livid Instruments in a protective package with a description of the problem and the Return Authorization (RMA) clearly written on the package.

In the event that Livid Instruments determines that the product requires repair because of user misuse or regular wear, it will assess a fair repair or replacement fee. The customer will have the option to pay this fee and

have the unit repaired and returned, or not pay this fee and have the unit returned un-repaired.

## **Outside of the US**

If you purchased your unit from a dealer in your country, please contact the dealer directly before attempting to return the unit. We have many authorized repair locations around the world. If you are unsuccessful contacting them please let us know and we'll do our best to remedy the situation.

**THE REMEDY FOR BREACH OF THIS LIMITED WARRANTY SHALL NOT INCLUDE ANY OTHER DAMAGES. LIVID INSTRUMENTS WILL NOT BE LIABLE FOR CONSEQUENTIAL, SPECIAL, INDIRECT, OR SIMILAR DAMAGES OR CLAIMS INCLUDING LOSS OF PROFIT OR ANY OTHER COMMERCIAL DAMAGE, EVEN IF ITS AGENTS HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES, AND IN NO EVENT WILL LIVID INSTRUMENTS' LIABILITY FOR ANY DAMAGES TO THE PURCHASER OR ANY OTHER PERSON EXCEED THE PRICE PAID FOR THE PRODUCT, REGARDLESS OF ANY FORM OF THE CLAIM. LIVID INSTRUMENTS SPECIFICALLY DISCLAIMS ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. SPECIFICALLY, LIVID INSTRUMENTS MAKES NO WARRANTY THAT THE PRODUCT IS FIT FOR ANY PARTICULAR PURPOSE.**

This warranty shall be construed, interpreted, and governed by the laws of the state of Texas. If any provision of this warranty is found void, invalid or unenforceable, it will not affect the validity of the balance of the warranty, which shall remain valid and enforceable according to its terms. In the event any remedy hereunder is determined to have failed of its essential purpose, all limitations of liability and exclusion of damages set forth herein shall remain in full force and effect.

Livid Instruments Inc, Viditar Inc. Austin, TX USA

# Certification and Compliance

U.S.



Model: Livid Guitar Wing 1  
FCC ID: 2AB3B-GUITAR-WING

U.S.



Model: Livid USB Receiver 1  
FCC ID: 2AB3B-RECEIVER

Canada

Model: Livid Guitar Wing 1  
FCC ID: 2AB3B-GUITAR-WING

Canada

Model: Livid USB Receiver 1  
FCC ID: 2AB3B-RECEIVER

E.U.



## Declaration of Conformity

We Viditar, Inc. DBA Livid Instruments, 3108 Industrial Terrace, Austin, TX 78758, USA (512) 582-7272, declare under our sole responsibility that the product Guitar Wing V1 and Receiver V1 complies with part 15 of the FCC Rules. Operation is subject to the condition that (1) this device does not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

NOTE: Modifications not expressly approved by Viditar, Inc. DBA Livid Instruments could void user's authority to operate the equipment.

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: 1) this device may not cause harmful interference, and 2) this device must accept any interference received, including interference that may cause undesired operation. □□□□  
Changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment. □□