STROBO STOMP mini™

StroboStomp Mini™ Quick Start Manual v1.0 EN

Congratulations on your purchase of the Peterson StroboStomp Mini™. Please read through this manual and use the tuner as directed.

Please scan the QR code on the back of your StroboStomp Mini™ to register your warranty. Registering within 72 hours of receiving your product will extend your warranty by 90 days. Upon registering, you may also be offered exclusive discounts on accessories for your product.

Registering and pairing your product with Peterson Connect™ allows you to:

• Update firmware with the latest enhancements for free
• Create, store, and install custom Sweetened and Guided Tuning Presets and share them with other Peterson Users
• Unlock more proprietary Peterson Sweetened and Guided Tuning Presets
• Re-order, minimize, or expand your on-board Tuner Presets list
• Adjust various display settings

Note: Registering your StroboStomp Mini™ is not necessary for basic operation. Over 80 Sweetened & Guided Tuning Presets are available immediately 'out of the box.'

You may also find the full instruction manual as well as helpful video instruction manuals on the Peterson Strobe Tuners website at:

www.petersontuners.com/products/StroboStompMini

Getting Started / Basic Use

+ -⚬- −   9V DC Regulated 85mA

Your new StroboStomp Mini pedal tuner may be powered by a regulated 9V DC power supply or via the USB-C connection on the top of the tuner. (5V 500mA)

WARNING: USING A WALL TRANSFORMER WITH THE INCORRECT POLARITY OR VOLTAGE MAY CAUSE PERMANENT DAMAGE TO THE TUNER!!

For normal operation, the tuner can be used out of the box; no special adjustment is needed. After connecting a regulated 9V DC power supply, simply activate the StroboStomp Mini by inserting an instrument cable into the input jack of the tuner located on the right side of the top of the tuner. The output jack located on the left side of the top of the tuner can be used to connect the tuner to the input of an amplifier or another effects pedal. Use the Stomp Foot-Switch to mute the instrument's signal and proceed to tune.

When finished, use the Stomp Switch to unmute the signal and return to playing. When muted, a speaker icon with a slash through it will appear in the upper left of the display to indicate the muted state. If no mute icon is visible, the tuner is un-muted and signal will be present.

The note being tuned appears in the center portion of the screen. The strobe bands scroll counter-clockwise (down) if your instrument is flat of the displayed note and clockwise (up) if your instrument is sharp of the displayed note. When the image is stabilized or "caged", your instrument is in tune to 0.1 cent accuracy (1/10th of one cent) of the displayed note.

Scan this QR code for more information on the StroboStomp Mini Tune Screen.

SHARP / FLAT

Strobe Newbie?

If you are new to strobe tuners, you will notice that they are much more sensitive and accurate than your previous tuners. It's OK if the strobe image doesn't completely stop. It may shift slightly due to the 'real-time' feedback of a strobe tuner. For stringed instruments, it helps to use your finger or thumb to gently pluck the string instead of a plectrum.

For more information on Strobe Tuning and why it's the best way to tune your instrument, scan this QR code or visit: https://www.petersontuners.com/whyPeterson
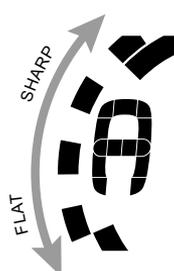
Beyond The Basics

The Output Mode of the Peterson StroboStomp Mini may be set up in one of three ways by means of the Settings Screen. To access this setting: power on the tuner, click the Menu Up ▲ or Menu Down ▼ button until the Gears ⚙ icon flashes in the upper left portion of the screen (The StroboStomp Mini must be muted to access the Settings Screen). While the Gears ⚙ icon is flashing, click either the Plus ✛ or Minus ➖ button. The first setting shown will be the output mode. The current mode will scroll in the lower right portion of the display. Pressing the Plus ✛ or Minus ➖ buttons will cycle through the available Output Modes; **Monitor-Mode, Buffered-Bypass, True-Bypass.** While your chosen mode is displayed in the scrolling text, letting the Settings Screen time-out or using the Menu Up ▲ or Menu Down ▼ to navigate to the EXIT label of the Settings Screen and clicking either the Plus ✛ or Minus ➖ button will confirm your Output Mode selection.

OUTPUT   INPUT

Monitor Mode (Always On) / Buffered Bypass

In this mode, the output is driven exactly as in Buffered Bypass Mode but the tuner display remains active when un-muted to monitor tuning while playing. This is the factory default mode.

Buffered Bypass

In this mode, the instrument signal flows through the tuner circuits only when muted by the stomp switch to enable silent tuning. When the tuner is bypassed or un-muted, the output is driven by a preamp (buffered) with a low impedance active driver. This prevents down-stream cables from affecting the signal (AKA: Tone Sucking), or other devices that might load and distort the signal.
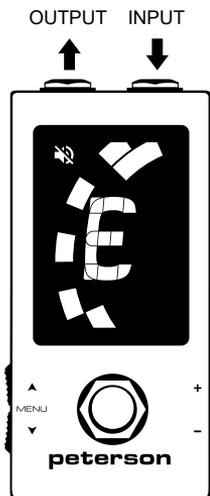
100% True Bypass Operation

In this mode, the instrument signal flows through the tuner circuits only when muted by the stomp switch to enable silent tuning. When the tuner is bypassed or un-muted, both the input and the output are physically disconnected from the tuner circuit and the tuner is switched off. This allows the instrument signal to flow freely from input to output without any physical or electronic contact with the tuner's internal circuits.

General Navigation and Parameter Adjustment

Any adjustment of the default settings of your StroboStomp Mini may be performed using the buttons located on either side of your tuner. Two Menu buttons, Up ▲ and Down ▼, are located on the left side while two Value buttons, Plus ✛ and Minus ➖, are located on the right side.

Term	Meaning
Click	Momentarily fully depressing and immediately releasing a button
Press & Hold	Fully depressing a button without releasing for an extended period of time, usually until the desired effect is achieved as noted by this manual

'Clicking' either the Up ▲ or Down ▼ Menu button will navigate through the adjustable parameters which will flash on the display as you pass through them. Once you arrive at the desired parameter, clicking the Plus ✛ or Minus ➖ Value buttons will increment or decrement the value of that parameter. 'Pressing and Holding' either of the Value buttons will continuously and rapidly increment or decrement the value until released. After adjusting a parameter value, the next press of either the Up ▲ or Down ▼ Menu button will end the parameter flashing and confirm any changes. Alternatively, a few seconds of inaction will cause the parameter adjustment to time-out, ending parameter flashing and confirming changes. The Parameter icon ⫝ will show on the display *if* a parameter value has been changed to a non-default value.

When an adjustable parameter is flashing, pressing the Menu up ▲ and value Plus ✛ buttons together will reset that parameter to its default value.

StroboStomp Mini™ Tune Screen

Your StroboStomp Mini has two screens of operation in which parameters can be adjusted. For basic use, only the Tune Screen will be used. The Strobe Image and Tuning Note is displayed on the Tune Screen. This is the default screen that the StroboStomp Mini displays when powered on.

Sweetener™ & Guided Tuning Presets

Your StroboStomp Mini contains over 80 built-in presets which cater to specific instruments. The majority of these presets are considered "Sweetener Presets" because they make an instrument sound "sweeter" by slightly adjusting each note to compensate for common inharmonicity specific to an instrument type. Many of these adjustments are so small that they can only be measured with the incredible 1/10th cent accuracy of your Peterson Strobe Tuner. When a preset contains a sweetener, the "Sweetener" label will show above the preset name. Over 40 Guided Tuning Presets are also included which simplify tuning for common stringed instruments like guitar and bass by ignoring all other chromatic notes except for the exact pitches to which your strings should be tuned.

Note: Guided Tuning Presets display String Numbers by default but can be adjusted to show Note Names via Peterson Connect*

Sweetener™ & Guided Tuning Presets (Cont.)

Sweetener & Guided Tuning Presets also carry the other three adjustable parameters of the tune screen. When the Transposition, Concert A Reference, or Preset Display Color is changed, those parameters will save with the Sweetener or Guided Tuning Preset that is currently visible and active. Selecting another Preset will change your Concert A Reference, Transposition, and Preset Display Color to those specified by the newly selected Preset. You can specify and save a different Concert A Reference, Transposition, or Preset Display Color for each Sweetener or Guided Tuning Preset. When any of the parameters of a preset are set to their default value, as shown below, the default value will NOT be displayed.

The default preset, EQU (Equal Temperament), is neither a Sweetener nor a Guided Tuning. It does not apply any tuning adjustments and should be used when you wish for your StroboStomp Mini to operate as a non-instrument-specific, highly accurate chromatic tuner.

Default Preset Settings / Values

Parameter		Value Options	Default Value
Preset		Over 80	EQU (Equal)
	Transposition	-6 to +5	0
	Concert A Reference	390 to 490 (Hz)	440.0 (Hz)
	Preset Display Color	10 Default Colors	Orange
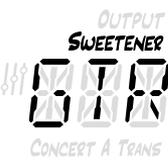
Selecting A Preset

Click either the Up ▲ or Down ▼ Menu button until the 3-letter Preset name flashes. Use the Plus ✚ or Minus ➖ Value button to select one of over 80 built-in Presets. Press either Menu button to exit or allow the active, flashing parameter to time-out. To quickly set your selected Preset back to the default (EQU), click either the Up ▲ or Down ▼ Menu button until the 3-letter Preset name flashes. Then, click the Menu Up ▲ and Value Plus ✚ buttons together.

By default, the Presets you use the most will reposition to the top of the Preset list, allowing you to access your most recently used presets with just a few button pushes.

NOTE: If none of the parameters are flashing, clicking either the plus or minus Value button will immediately begin to change the Preset value as it is the first editable parameter.

Changing Transposition Value

Click either the Up ▲ or Down ▼ Menu button until the Transposition **TRANS** value flashes. Use the Plus ✚ or Minus ➖ Value button to select a value from -6 to +5 halfsteps. To quickly set your Transposition back to the default value of 0, click either the Up ▲ or Down ▼ Menu button until the Transposition value flashes. Then, press the Menu Up ▲ and Value Plus ✚ buttons together. Transposition settings change the note that is displayed on your tuner while tuning. This is useful for players who wish to tune 'down' by a number of half steps or raise the pitch of the instrument with the use of a capo. Setting Transposition allows you to tune using the standard note name of each string without needing to calculate the transposed note name.

Changing The Concert A Reference

Click either the Up ▲ or Down ▼ Menu button until the **CONCERT A** Reference value flashes. Use the Plus ✚ or Minus ➖ Value button to select a value from 390-490Hz. Clicking the plus or minus Value button increments or decrements the Concert A Reference by 1Hz. Pressing and holding either the plus or minus Value button will quickly increment or decrement the Concert A Reference by 10Hz respectively. The Concert A Reference can be used to shift the entire tuning of your preset to match that of a desired historic tuning standard or a fixed-tuning instrument that cannot be adjusted. To quickly set your Concert A Reference back to the default of 440Hz, click either the Up ▲ or Down ▼ Menu button until the Concert A Reference value flashes. Then, press the Menu Up ▲ and Value Plus ✚ buttons together.

Changing The Preset Display Color

Click either the Up ▲ or Down ▼ Menu button until the Palette Icon flashes. Use the Plus ✚ or Minus ➖ value button to select 1 of 10 predefined colors. The Preset Display Color can be useful for quickly identifying your presets on stage when the Preset name may be harder to see. To quickly set your Preset Display Color back to the default Orange color, click either the Up ▲ or Down ▼ Menu button until the Palette Icon flashes. Then, press the Menu Up ▲ and Value Plus ✚ buttons together.

NOTE: Changing the Preset Display Color only affects the display color of the ACTIVE or CURRENT Preset. To change the display color of all presets and settings, see Global Display Color below the Settings Screen section.

Resetting All Parameters of Active Preset to Default Values

To quickly reset all parameters of your active Preset to default values, press and hold the Menu Down ▼ and Value Minus ➖ buttons together for about 2 seconds. The Mute Icon will flash once and the Concert A Reference, Transposition, and Preset Display Color will return to default values.

StroboStomp Mini™ Settings Screen

Your StroboStomp Mini has two screens of operation in which parameters can be adjusted. The Settings Screen allows for more detailed adjustment as well as system information.

To enter the Settings Screen, click either the Up ▲ or Down ▼ Menu button until the Gears Icon ⚙ flashes. Then, click either the Plus ✚ or Minus ➖ Value button.

Note: To access the Settings Screen, the tuner must be muted.

While viewing the Settings Screen, inactivity will eventually revert back to the Tune Screen. However, after adjusting a parameter using the Value Plus ✚ and Minus ➖ buttons, just a few seconds of inactivity will revert back to the Tune Screen. To actively return to the Tune Screen, click either the ▲ or ▼ Menu button until the Gear Icon ⚙ appears and EXIT scrolls in the lower right of the display. Then, click either the Plus ✚ or Minus ➖ Value button. Alternatively, the Stomp Switch can be used at any time to quickly revert back to the Tune Screen.

Adjusting Parameters of the Settings Screen

The user interface of the Settings Screen functions the same as the Tune Screen. Click either the Up ▲ or Down ▼ Menu button until the desired parameter flashes. Use the Plus ✚ or Minus ➖ value button to change the value of the active parameter. To quickly set the value of the actively flashing parameter back to default, press the Menu Up ▲ and Value Plus ✚ buttons together.

Within the Settings Screen, the following parameters are adjustable:

Parameter	Value Options	Default Value
Output Mode	Monitor / Buffered / True Bypass	Monitor
Global Display Color	10 Default Colors	Orange
Power-Up State	Muted / Unmuted	Muted
Global Accidentals	SHP (Sharp) / FLT (Flat) / BTH (Both)	SHP (Sharp)
Configuration	dEF (Factory Default) / USR (User)*	dEF (Factory)
Auto-Order Presets	On / Off	On
Play Preset	On / Off	Off

*Only available if installed via Peterson Connect. 'USR' by default but customizable.

For an in-depth look at the Settings Screen parameters and their uses, visit:

www.petersontuners.com/products/stroboStompMini/settings

or use your mobile device to scan this QR code.

Peterson Connect™

Peterson Connect is a free software interface that can be used to customize your StroboStomp Mini.

• Update Firmware
• Design your own Sweetened & Guided Tunings
• Configure Sweetener or Guided Tuning Presets
• Re-order, minimize or expand your on-board Presets
• Adjust various display settings

The majority of users will be able to make all needed adjustments to their StroboStomp Mini without the need for Peterson Connect. However, some users may wish to experiment with this free utility to further customize their StroboStomp Mini. A data-capable USB-C cable (not included) is required to connect the StroboStomp Mini to your computer.

https://www.petersontuners.com/connect

Warranty

We warrant this product to be free of defects in materials or workmanship for a period of 2 years after delivery to the original purchaser. Our obligation under this warranty is limited to the replacement or repair of any part or parts which prove upon our examination to be defective. This warranty does not apply to damage resulting from transportation, misuse, abuse, or alteration. The above warranty is contingent upon registration within 10 days of the date of receipt of the product by the original purchaser. The warranty conveys specific legal rights to the purchaser, other rights vary from state to state and internationally.