



StroboVUE™ Quick Start Manual v1.0 EN

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

Scan the QR code on the back of your StroboVUE™ or visit www.petersonstuners.com/register 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 StroboVUE™ is not necessary for basic operation. Over 130 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.petersonstuners.com/products/StroboVUE

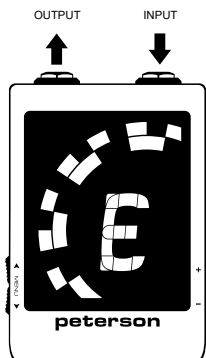


Getting Started / Basic Use

9V DC Regulated 85mA + - C -

Your new StroboVUE pedalboard 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!!



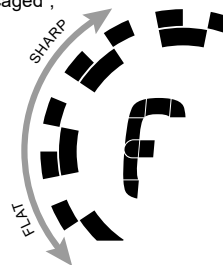
For normal operation, the tuner can be used out of the box; no special adjustment is needed. After connecting a regulated 9V DC power supply, insert an instrument cable into the input jack of the tuner located on the right side of the top of the tuner. The output jack located on the left side of the top of the tuner can be used to connect the tuner to the input of an amplifier or another effects pedal.

Note: Unlike previous Peterson pedalboard tuners, the StroboVUE is designed as an always-on tuning monitor. It does not include a mute function, true bypass option, or the ability to turn the display off. The tuner features a buffered output at all times.

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 StroboVUE Tune Screen.



Strobe Newbie?

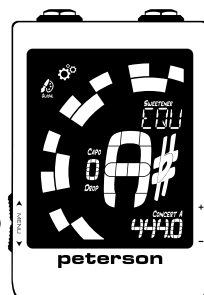
If you are new to strobe tuners, you will notice that they are much more sensitive and accurate than your previous tuners. It's OK if the strobe image doesn't completely stop. It may shift slightly due to the 'real-time' feedback of a strobe tuner. For stringed instruments, it helps to use your finger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



General Navigation and Parameter Adjustment

Any adjustment of the default settings of your StroboVUE 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 ① while two Value buttons, Plus + and Minus -, are located on the right side ②.



'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.

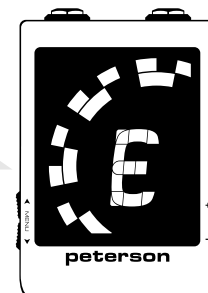
Term	Meaning
Click	Momentarily fully depressing and immediately releasing a button
Press & Hold	Fully depressing a button without releasing for an extended period of time, usually until the desired effect is achieved as noted by this manual

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

StroboVUE™ Tune Screen

Your StroboVUE 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 StroboVUE displays when powered on.



Sweetener™ & Guided Tuning Presets

Your StroboVUE contains over 130 built-in presets that 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 tuning problems 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 80 "Guided Tuning Presets" are also included. Guided Tuning Presets greatly simplify tuning for common stringed instruments like guitar and bass. Guided Tuning Presets ignore all other chromatic notes and only listen for the exact pitches to which your strings should be tuned.

NOTE: Guided Tuning Presets are hidden by default but can be made visible in the Settings Screen or through Peterson Connect.

Sweetener & Guided Tuning Presets also carry the other three adjustable parameters of the Tune Screen. When the Drop / Capo 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, Drop / Capo Transposition, and Preset Display Color to those specified by the newly selected preset. You can specify and save a different Concert A Reference, Drop / Capo 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 StroboVUE to operate as a non-instrument-specific, highly accurate chromatic tuner.

Default Preset Settings / Values

Parameter	Value Options	Default Value
Preset	Over 130	EQU (Equal)
	Drop / Capo Transp.	-6 to +5
	Concert A Reference	390 to 490 (Hz)
	Preset Display Color	10 Default Colors
	Tuning Pitch Notation*	String or Note Name

* Only available when the Sweetener Preset or Guided Tuning Preset offers String Number option.

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 130 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 Drop / Capo Transposition Value

Click either the Up ▲ or Down ▼ Menu button until the DROP or CAPO value flashes. Use the Plus + or Minus – Value button to select a value from -6 to +5 halfsteps. To quickly set your Drop / Capo value back to the default value of 0, click either the Up ▲ or Down ▼ Menu button until the Drop / Capo value flashes. Then, press the Menu Up ▲ and Value Plus + buttons together. Drop / Capo 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 the Drop / Capo value 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 0.1Hz. Pressing and holding either the Plus + or Minus – Value button will quickly increment or decrement the Concert A Reference by 1Hz 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, use the Global Display Color parameter within the Settings Screen.

Changing The Tuning Pitch Notation (When Available)

If the active preset contains string number information, click either the Up ▲ or Down ▼ Menu button until the Tuning Pitch Notation value flashes. Either "Note" or "Str" will appear in the lower right corner of your display. Use either the Plus + or Minus – Value button to select one of these options. For example GTR (Peterson Sweetener for 6-String Guitar) contains string number information and can be toggled from displaying E-A-D-G-B-E to string numbers 6-5-4-3-2-1.

NOTE: When “Str” is selected, your tuner will not function as a chromatic tuner. Instead, all input signal is either sharp or flat of the exact pitch to which the displayed string number should be tuned.

StroboVUE™ Settings Screen

Your StroboVUE 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.

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 Up ▲ or Down ▼ Menu button until the Back Arrow Icon flashes. Then, click either the Plus + or Minus – Value button.

For an in-depth look at the Settings Screen parameters and their uses, visit: www.petersontuners.com/products/stroboVUE/settings or use your mobile device to scan this QR code.

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.

Within the Settings Screen, the following parameters are adjustable:

Parameter	Value Options	Default Value
Global Display Color	10 Default Colors	Orange
Preset Visibility	On / Off for any installed preset	On
Octave Display	On / Off	Off
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.

In addition to the above parameters, you can view both the firmware and hardware version of your StroboVUE, as well as initiate a complete factory reset of your tuner.

Peterson Connect™

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

- 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 StroboVUE without the need for Peterson Connect. However, some users may wish to experiment with this free utility to further customize their StroboVUE. A data-capable USB-C cable (included) is required to connect the StroboVUE to your computer.

<https://www.petersontuners.com/connect>

Specifications

- True Strobe 0.1 Cent Accuracy
- Pure Buffered Output Mode
- High-Definition LCD Display with LED Backlight
- User-Configurable Display Backlight Color
- Easily Visible in Direct Sunlight or Stage Lighting
- Over 130 Sweetened and Guided Tunings
- 390Hz - 490Hz Concert A Reference
- -6 to +5 Drop and Capo Transposition
- Firmware Updatable
- USB-C
- Peterson Connect™ Compatible
- 9VDC Negative Center Pin Powerable –or– USB-C bus power
- 3.75" x 2.6" x 1.63"
- 96mm x 66mm x 41mm
- 98 lb (440g)

Warranty

We warrant this product to be free of defects in materials or workmanship for a period of 3 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 complete unit must be returned to our factory, transportation charges prepaid. In order to speed the return of the unit to you, it is recommended that for all repairs, other than those required as a result of shipping damage, you deal directly with our factory. In case of damage in shipment, a claim should be filed with the carrier. Be sure to include a brief description of the difficulty you are experiencing and your return address. 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.

Register on-line at: www.petersontuners.com/register

Request help at: www.petersontuners.com/support

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"StroboVUE", "Virtual Strobe", "Sweetener", "Peterson Connect" and the linear & concentric strobe patterns are trademarks of: Peterson Electro-Musical Products, Inc.
U.S. Patent # 6,580,024

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STROBE TUNERS
The Sound of Precision.