tc electronic©

SHAKER VIBRATO

USER'S MANUAL

Important Safety Instructions

1 Read these instructions.
2 Keep these instructions.
3 Heed all warnings.
4 Follow all instructions.
5 Do not use this apparatus near water.
6 Clean only with dry cloth.
7 Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8 Do not install near heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9 Only use attachments/accessories specified by the manufacturer.
10 Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

Warning!

- To reduce the risk of fire or electrical shock, do not expose this equipment to dripping or splashing and ensure that no objects filled with liquids, such as vases, are placed on the equipment.
- Do not install in a confined space.

Service

- All service must be performed by qualified personnel.

Caution:

You are cautioned that any change or modifications not expressly approved in this manual could void your authority to operate this equipment.

When replacing the battery follow the instructions on battery handling in this manual carefully.

EMC/EMI

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 residential installations. 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 correcting the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment to an outlet on a circuit different from the one to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

For the customers in Canada:
This Class B digital apparatus complies with Canadian ICES-003. Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

LUCY IN THE SKY (VIBRATO)

WHO NEEDS A TREMOLO BAR (LATCH)

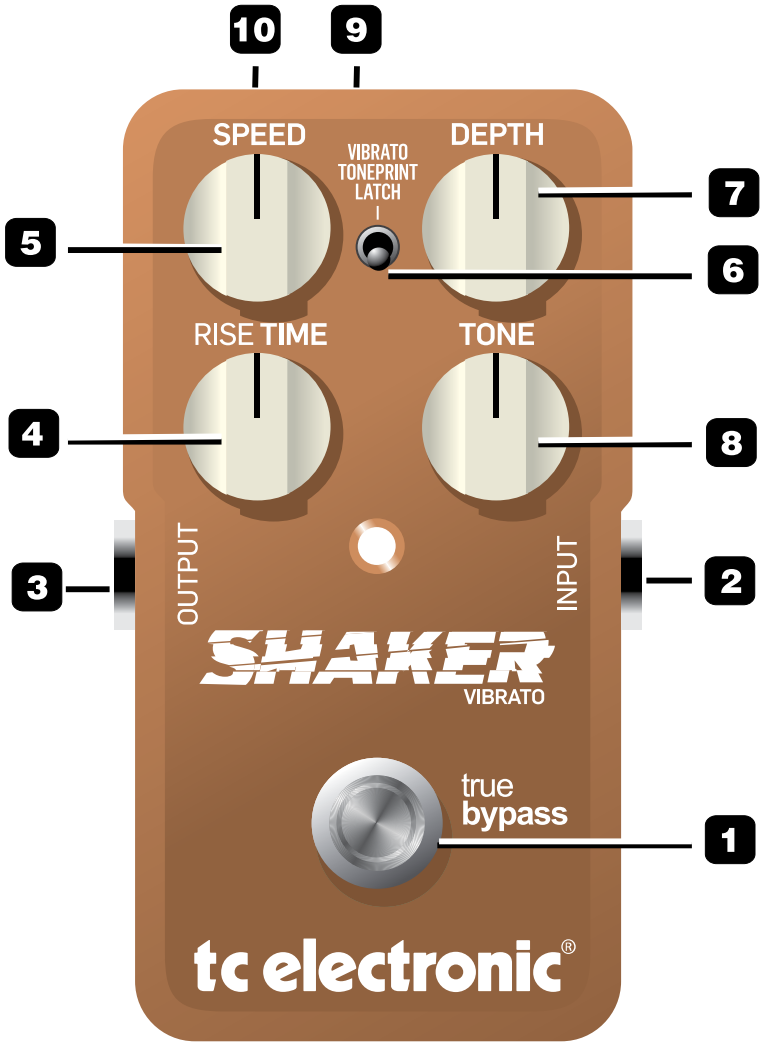
(EN) Introduction

Congratulations! You have just bought a vibrato pedal that is a steppingstone to a world of inspiration, innovation and tone.

We are proud to present Shaker Vibrato, providing a wide range of sounds, from sweet subtle swirls to tones that would have to register on the Richter scale, all in TC Electronic's impeccable quality with intuitive controls and instant satisfaction. We love tone as much as any guitarist out there, so we are very excited to present a brand new, groundbreaking concept: TonePrint!

TonePrint gives instant access to custom-tweaked sounds. We have gathered an impressive list of guitar heroes and had them tailor their signature sounds – the tones that made them famous. TonePrint will not just bring you close to the sounds of your idols, they give you their actual sounds!

Using TonePrints is both easy and fun. Just download the TonePrint you want and, voila, your favorite artist has just put his TonePrint in your pedal. Forget emulation – let's talk collaboration!



1 - Effect on/off (true bypass)

2 - 1/4 inch mono jack input

3 - 1/4 inch mono jack output

4 - Rise time control

5 - Speed time control

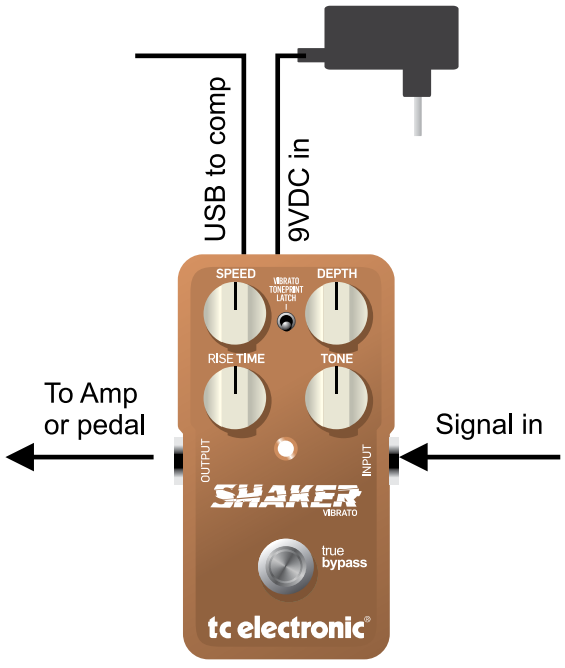
6 - Vib/TonePrint/Latch selector

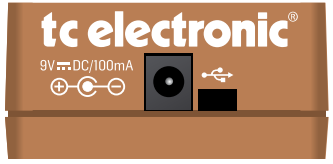
7 - Depth control

8 - Tone control

9 - Power in (9VDC)

10 - USB connection for exchanging TonePrint settings and software updates.





Connecting

Input jack - 1/4 inch mono jack input
If you run the pedal on battery, we recommend removing the input jack to preserve battery power when you don't play.

Output jack - 1/4 inch mono jack output for connecting to another pedal or directly into an amp or mixer.
Notice that it is possible to select between true bypass and buffered bypass mode via a dip switch located under the battery cover.

Power in - use a 9 VDC power supply with the following symbol: 

USB

Connect to a computer using the supplied USB cable for upload of TonePrints.
The connector-type is Mini-B.

The controls

RISE TIME

Controls the time it takes for the vibrato to reach the specified depth. You can compare this to activating the rotating speaker in an organ Leslie.

SPEED

The SPEED knob determines the time between the peaks of the vibrato.

DEPTH

Depth controls the intensity of the vibrato.

TONE

By adjusting the tone you change the effects emphasis on high and low frequencies. Turn the knob fully clockwise and use the pedal in Latch mode (see below) to emulate a Leslie type effect.

VIBRATO TYPE selector:

The Vibrato Type selector allows you to select between the following types:

VIB

This is the regular mode. Here the BYPASS switch works as effect on/off.

LATCH
In Latch mode the effect is only active when you press and hold the BYPASS switch. As soon as you release the switch the effect is turned off again. The position of the Rise time knob still decides how fast the effect is in full effect/full bypass.

TonePrint

Consider the knobs and switches on your pedal as a few handles that actually controls a large number of parameters. TC Electronic staff has defined the controls, - but wouldn't it just be cool to let the world's leading guitar players contribute with their own definition of how the controls should work? YES - this is TonePrint. We allow top guitar players to dig out the pedals hidden tonal potential, re-define the controls and make their own TonePrints. These TonePrints are available for you and uploading TonePrints to your pedal is easy.

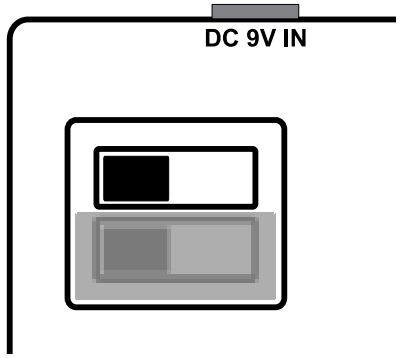
- Connect the pedal to your Mac or PC computer using the supplied USB cable.
- Find your pedal at www.tcelectronic.com/pedals and download the TonePrint setting from your favorite guitar player to a location where you can easily locate it again – e.g. your desktop.
- Open the application and press UPDATE.

Now, – once you have selected TonePrint, all controls react exactly as defined by the artist that has provided the TonePrint.

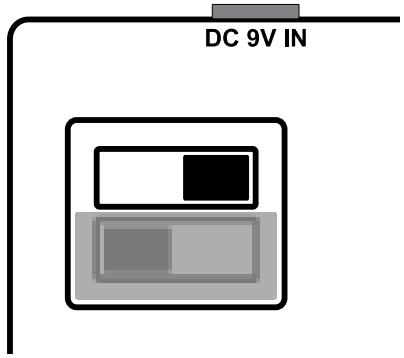
Bypass modes

Unscrew the back-plate and look for the two small dip-switches in the upper left corner.
The upper dip-switch (closest to the DC 9V in connection), switches between True Bypass mode (default) and Buffered Bypass mode.

True Bypass



Buffered Bypass



True Bypass – is a hardwire bypass that gives absolutely no coloration of tone when the pedal is bypassed. Using True Bypass on all pedals is a perfect choice in setups with a few pedals and relatively short cables before and after the pedals.

Buffered Bypass – If you use a long cable between your guitar and the first pedal; if you use many pedals on your board and if you use a long cable from your board to the amp, then the best solution will most likely be to activate the buffer in the first and last pedal of the signal chain. Can you hear the difference between a pedal in True Bypass or Buffered Bypass? Maybe, maybe not, – many factors apply. Active/passive pick-ups, single coil/humbucker, cable quality, amp impedance and more. We cannot give a single ultimate answer. Use your ears and find the best solution for your setup!

Changing battery – Unscrew the thumb-screw on the back of the pedal and detach the back-plate. Unmount the old battery and attach the new battery to the battery clip making sure the polarity is correct. Then remount the back-plate. To save battery life, remove the input jack when you don't play.

Batteries must never be heated, taken apart or thrown into fire or water. Only rechargeable batteries can be recharged. Remove the battery when the pedal is not being used for a longer period of time. Dispose batteries according to local laws and regulations.

(EN) Technical Specifications

Sounds	True pitch vibrato with RiseTime control for fading the effect in and out Unique, new TonePrint setting for stuffing Shaker Vibrato with your favorite artist's tones
Size & Weight	72 mm x 122 mm x 50 mm - 300 g (excl. battery)
Battery	Dual Supply Rails technology ensures headroom for line level effect loops from a single 9V battery. Battery failure circuit automatically puts Shaker Vibrato into true bypass mode if the battery runs out
Design	Custom 'hammerhead' rugged, die-cast aluminum casing built for a life on the road Unique one-screw battery access for lightning fast battery changes
Connectors & Inputs/Outputs	Mono input and output with metal Jack Connectors – the definition of sturdiness Mini USB connector for uploading custom TonePrints and software updates
Knobs etc.	Speed, Depth, RiseTime and Tone knobs with high-quality, metal-shaft potentiometers Heavy duty tactile footswitch with true bypass for zero tone coloration
In the box	USB cable for uploading TonePrints, Owner's Manual, TC Electronic Guitar Pamphlet, TC Electronic Sticker.

These specifications are subject to change without notice

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