

The logo for Line 6, featuring the word "LINE" in a white sans-serif font inside a black rounded rectangle, followed by the number "6" in a white sans-serif font inside a black circle.

LINE 6

The logo for Tone Core, with "TONE" stacked above "CORE" in a bold, black, sans-serif font. The letter "O" in "TONE" is a solid black circle.

**TONE
CORE**

Pilot's Handbook for Echo Park

Pilotenhandbuch für Echo Park

Manuel de pilotage pour Echo Park

Manual del Piloto para el Echo Park

Pilotenhandboek voor Echo Park

Patent Pending

40-00-0182

ElectroPhonic Limited Edition available @ www.line6.com

Rev D

**Line 6, ToneCore, Constrictor, Crunchtone, Echo Park, Space Chorus,
Tap Tremolo and Über Metal are trademarks of Line 6, Inc.**

CAUTION

This equipment has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of 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.

WARNING

To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.



The exclamation point within a triangle means, "Caution!" Please read the information next to all caution signs.



The lightning symbol within a triangle means, "Electrical caution!" It indicates the presence of information about operating voltage and potential risks of electrical shock.



**You should read these Important Safety Instructions.
Keep these instructions in a safe place.**

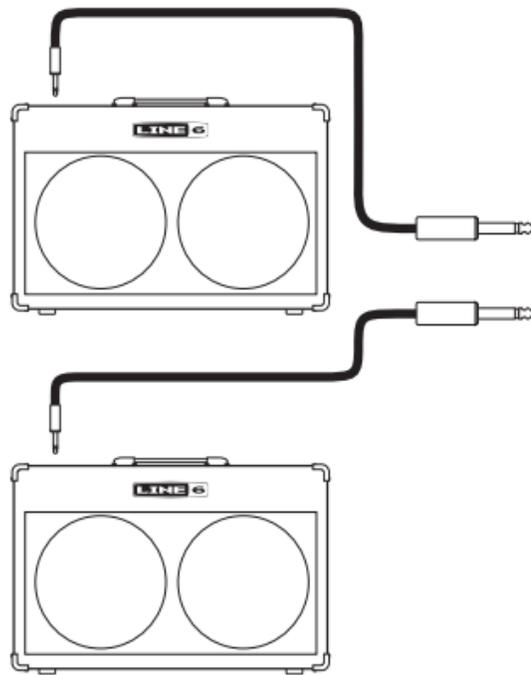


Before using your ToneCore, carefully read the applicable items of these operating instructions and the safety suggestions.

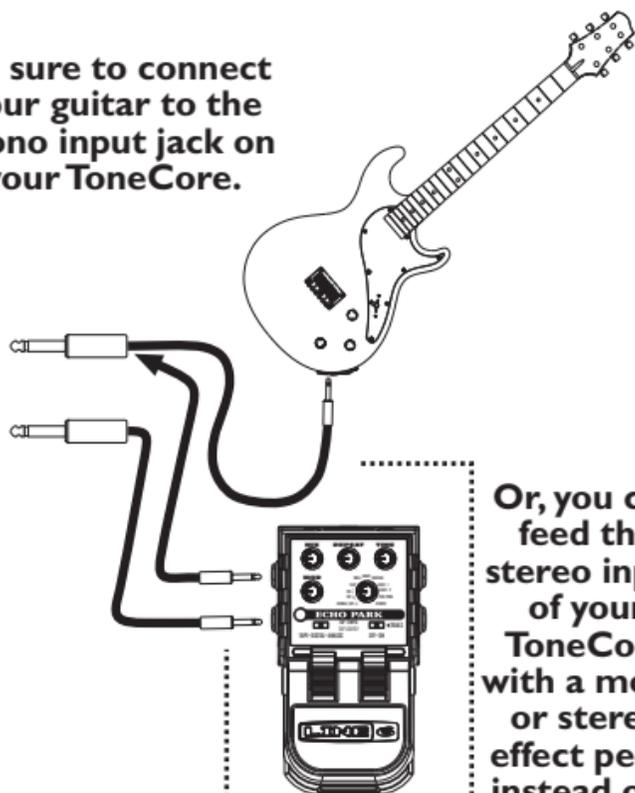
1. Obey all warnings on the pedal and in the ToneCore Pilot's Handbook.
2. Connect optional power supply only to AC power outlets rated 100-120V or 200-240V 47-63Hz (see indications on optional power supply).
3. Do not perform service operations beyond those described in the ToneCore Pilot's Handbook. Service 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 unit has been exposed to rain or moisture
 - the unit does not operate normally or changes in performance in a significant way
 - the unit is dropped or the enclosure is damaged.
4. Do not place near heat sources, such as radiators, heat registers, or appliances which produce heat. .
5. Guard against objects or liquids entering the enclosure. Do not use or place unit near water.
6. Unplug the power supply when not in use for extended periods of time. Unplug the power supply during lightning storms.
7. Clean only with a damp cloth.
8. Only use attachments/accessories specified by the manufacturer.
9. Prolonged listening at high volume levels may cause irreparable hearing loss and/or damage. Always be sure to practice "safe listening."

Echo Park Pilot's Handbook

Output your effects mono to a standard amplifier, or to a stereo setup.



Be sure to connect your guitar to the mono input jack on your ToneCore.



Or, you can feed the stereo input of your ToneCore with a mono or stereo effect pedal instead of a guitar.

Greetings and salutations! Thank you for inviting the Line 6 Echo Park delay pedal into your life.

Effect On-Off / Power Indicator Light

The Power Indicator Light on your ToneCore uses three colors to indicate the pedal's state:

- GREEN (flashing)– Effect is engaged (on). Light is flashing to show delay time
- AMBER (flashing)– Effect is in bypass (off). Light is flashing to show delay time
- RED (flashing) – Batteries need replacing
This low power indication will override all other states.

Power Jack

Connect an optional ToneCore-compatible Line 6 power supply like the DC-1, and you'll never need a 9-volt battery again!

Connections and Power Indicator Light

In Jacks

Use a standard guitar cable to connect your guitar, or the output of another effect to use in combination with your ToneCore. If you're feeding a mono signal to your Echo Park, use the MONO/L jack. ***Like most pedals, inserting a plug into this jack will turn on the power to your ToneCore. Disconnect both input plugs from jacks when the ToneCore is not being used.***

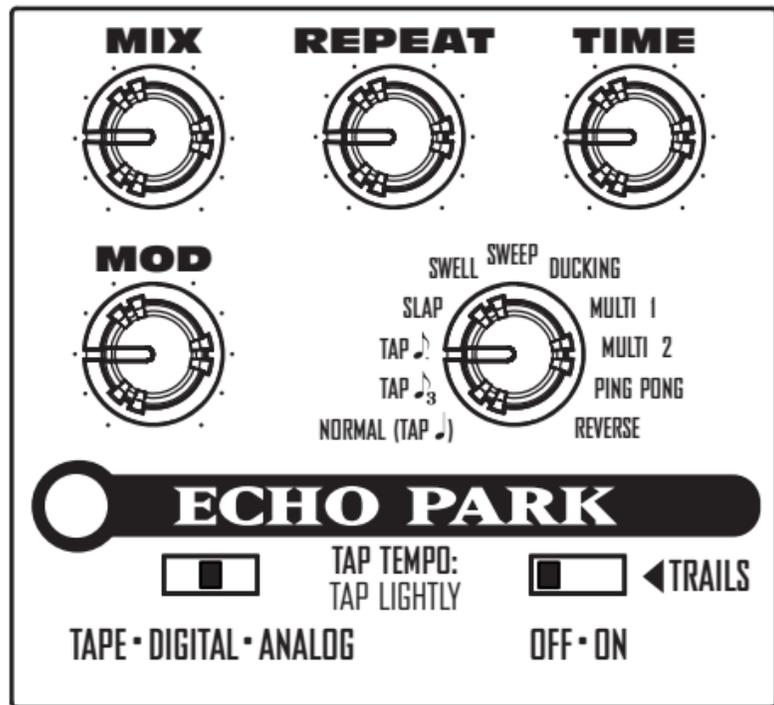
Out Jacks

Use a standard guitar cable to connect to the inputs of a guitar amp, or the inputs of another effect that will feed your amp. For mono, use the MONO/L jack.

Foot Switch

Stomp on this to turn the effect sound processing on and off. ***See Tap Tempo section to learn how to set the time with your feet.***

Echo Park Pilot's Handbook



Model Switch

Give this a flick to reconfigure the virtual circuitry inside your Echo Park, and enjoy three distinctly different sound “flavors”.

Tape gives you classic tape echo warmth. The high end will deteriorate with each repeat, in vintage tape echo style. And you never have to change tapes!

Digital gives you straight up echoes, with crystal clear digital fidelity.

Analog is designed to give a vintage analog bucket brigade delay sound, with its darker distorted tone.

Trails Switch

Set this on to keep Echo Park’s processing engaged while in bypass, so your echoes smoothly trail away when you kick the effect off.

Tap Tempo

Put your foot to work and get your echoes in the groove! Using the innovative ToneCore double-action footswitch, you can tap a couple times and have your echoes match your tempo. Here's what you need to know:

- Whether the effect is active or bypassed, you can tap the footswitch lightly to set delay time. Your first two taps establish the tempo. Any additional taps within 3 seconds will be averaged in.
- Taps will be ignored if the footswitch is pressed all the way down to turn the effect processing on/off.
- Any time the Tap Tempo switch is used to alter the delay, the tapped value overrides the current setting of the Time knob. Whenever the Time knob is turned, it overrides the last value entered with the Tap Tempo switch.
- Echo Park's indicator light flashes the tempo in green when the effect is on and amber when the effect is off. The light will always flash at quarter note speed.

Detail on Tap Tempo time:

In most configurations, the delay time ranges from 53 ms min to 2500 ms max.

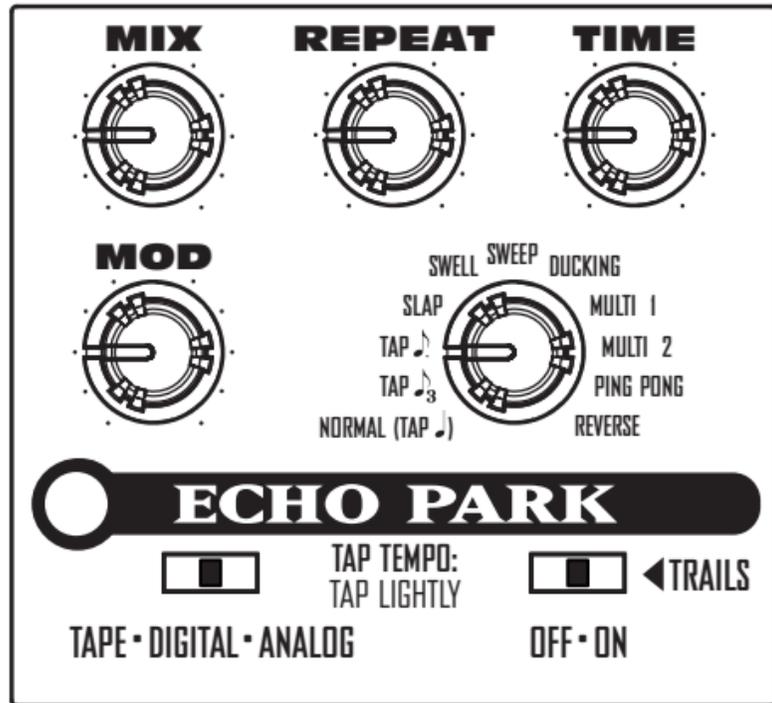
The exceptions are:

8th note triplet = 13 ms min to 833 ms max

8th note dotted = 30 ms min to 1875 ms max

Slap = 10 ms min to 625 ms max

Echo Park Pilot's Handbook



Mix

Turn the knob up (clockwise) for louder echoes, or down for quieter ones.

Repeat

You get 1 repeat at the minimum setting, and infinite repeats when the knob is all the way up.

Time

This knob gives you a range of spacings for your echoes from 53 milliseconds (close together) through 2.235 seconds (way far apart) per side. Turn this knob and listen how the delay time smoothly changes when audio is present. You can use Tap Tempo (see previous page) to reach Echo Park's maximum time of 2.5 seconds.

Controls

Mod

Turn this knob up to get some delicious stereo modulation on your echoes. Each model has its own type of stereo modulation:

- Analog has Vibrato
- Digital has Chorus
- Tape has Wow & Flutter

Function Control Knob

Choices, choices! When you're talkin' Echo Park, you're talkin' plenty of options:

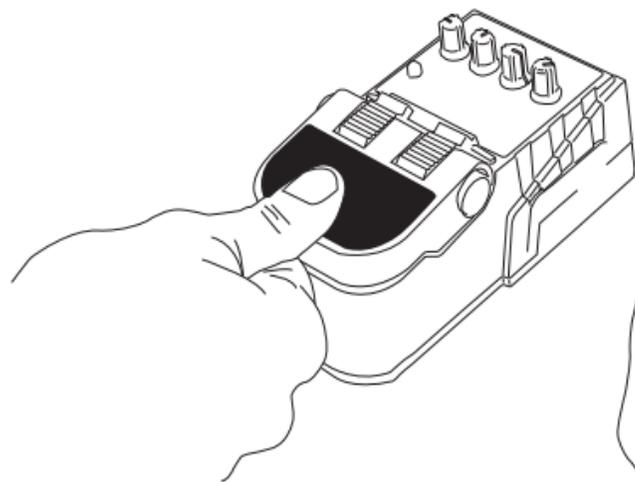
- **Normal:** your taps are treated as quarter notes, so you hear your echoes coming back at the same speed you tapped the footswitch.
- **Tap eighth note triplet:** This setting lets you tap quarter notes, while the echoes come back doing 8th note triplets. Sweet!
- **Tap dotted eighth note:** You tap quarter notes, your echoes come back as dotted 8th notes.
- **Slap:** This is the place for a speedy slap back echo. The Time knob's range is automagically changed to

be 10 to 150 thousandths of a second. You can Tap Tempo all 1/4 notes, and get 1/16 note echoes.

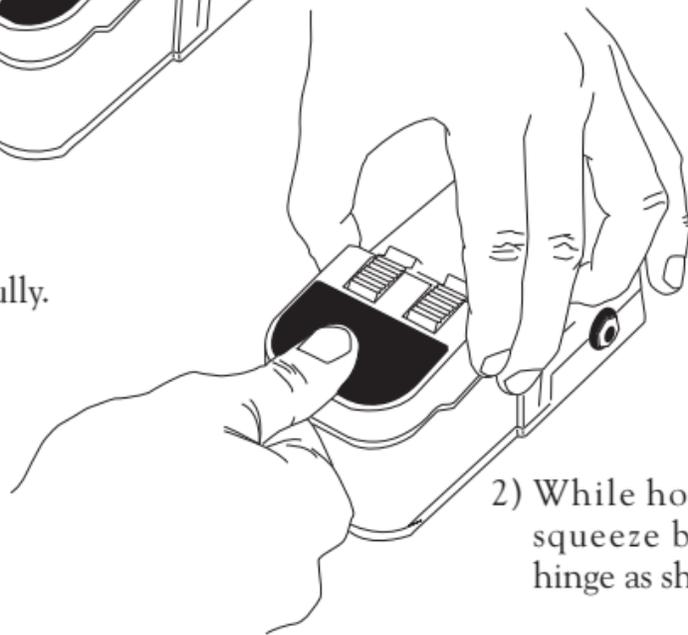
- **Swell:** This adds an auto volume swell along with your echoes. Dreamy.
- **Sweep:** Add this sweeping filter to the feedback loop of your echoes and you'll be glad you did!
- **Ducking:** The volume of your echoes is "ducked" (reduced) while you're playing, and increases when you stop. This is handy to avoid mud-tone.
- **Multi 1*:** Uses multiple delay "taps," to give you a rhythmic pattern of echoes
- **Multi 2*:** Another multi-tap rhythmic variation
- **Ping pong*:** Alternating left and right taps
- **Reverse*:** Just like those backwards parts on our favorite albums, this flips your input signal around and sends it back to you in reverse. Use it live, and folks are sure to be impressed.

*The functions marked by the * combine your left and right inputs for processing, so the effected part of the signal will be summed to mono, while your dry signal remains stereo.*

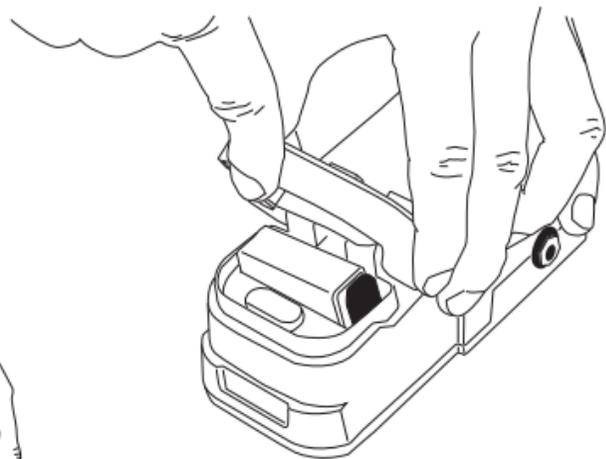
Battery Access Instructions



1) Depress pedal fully.



2) While holding pedal, squeeze both sides of hinge as shown.



3) Squeezing hinge, raise pedal to reveal battery.

Battery Access Instructions

Power Supply

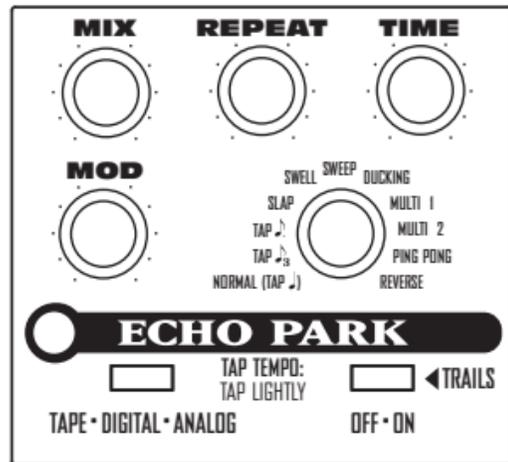
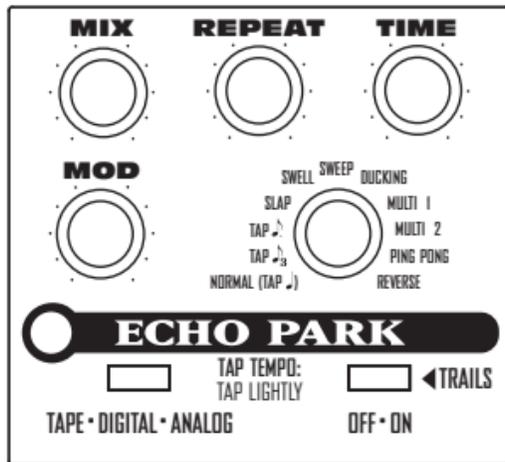
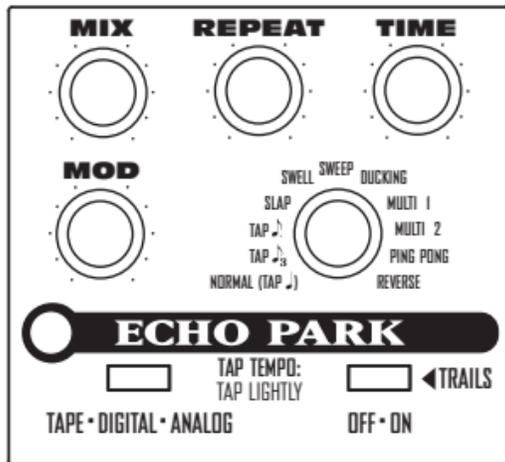
Connect an optional Line 6 DC-1 power supply and you'll never need a 9-volt battery again! It is also compatible with most popular 9 Volt DC stomp boxes. Using the power supply will disconnect the battery.



POWER REQUIREMENTS

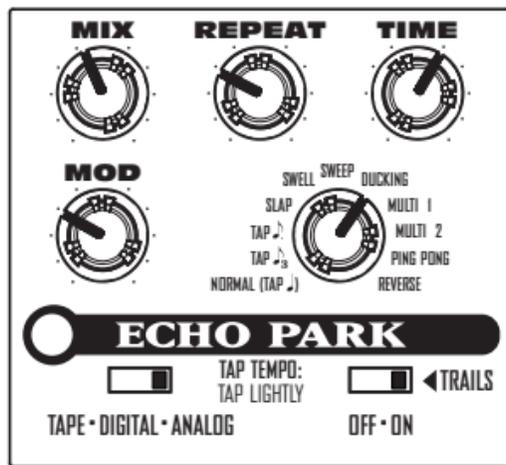
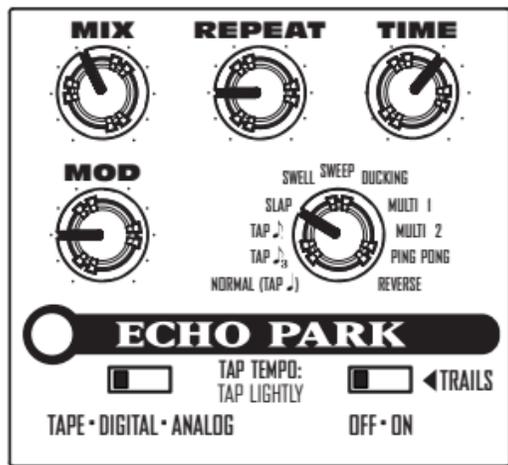
	Min	Nominal	Max
Supply Voltage	6 VDC	9.6 VDC	16 VDC
Supply Current @ 9.6 VDC	40mADC	60mADC	100mADC
Power @ 9.6VDC	0.4 Watt	0.6 Watt	1 Watt

Echo Park Pilot's Handbook



Mark the knob and switch settings for your favorite tones above.

Example Tones



Slappy-Verb

Slick back your hair, cuff your jeans, roll a pack of Camel unfiltered up in your sleeve, and dial in this setting when it's time for super cool rockabilly slap back echoes.

Dynamic Delay (ducking)

Here's the magic fix to save your tone from getting overwhelmed by your echoes. It drops the volume of your echoes as you play, then brings them back up when you stop.

60's Reverse

This setting records your playing into a hydrogen-powered time machine, transmits it back to a groovy studio in 1966, records it to tape, flips that tape backwards, transports it back to the future, and spits it out of your Echo Park. Relax and float downstream...

Echo Park Pilot's Handbook

Please register your purchase now at www.line6.com/register. Or fill out and send in the included registration card. Once you're registered, we can handle problems faster and inform you of advance information, upgrades and other news. Thanks in advance for registering, and good luck in your music!

Line 6, Inc. (hereinafter "Line 6") warrants that your new Line 6 product, when purchased at an authorized Line 6 dealer in the United States of America ("USA") or Canada, shall be free of defects in materials and workmanship for a period of one (1) year from the original date of purchase. Please contact your dealer for information on warranty and service outside of the USA and Canada.

During the warranty period, Line 6 shall, at its sole option, either repair or replace any product that proves to be defective upon inspection by Line 6.

Line 6 reserves the right to update any unit returned for repair and to change or improve the design of the product at any time without notice. Line 6 reserves the right to use reconditioned parts and assemblies as warranty replacements for authorized repairs.

This warranty is extended to the original retail purchaser. This warranty can be transferred to anyone who may subsequently purchase this product provided that such transfer is made within the applicable warranty period and Line 6 is provided with all of the following items: (i) all warranty registration information (as set forth on the registration card) for the new owner, (ii) proof of the transfer within thirty (30) days of the transfer purchase, and (iii) a photocopy of the original sales receipt. Warranty coverage shall be determined by Line 6 in its sole discretion.

This is your sole warranty. Line 6 does not authorize any third party, including any dealer or sales representative, to assume any liability on behalf of Line 6 or to make any warranty for Line 6.

Warranty Information

Line 6 may, at its option, require proof of original purchase date in the form of a dated copy of original authorized dealer's invoice or sales receipt.

Service and repairs of Line 6 products are to be performed only at the Line 6 factory or a Line 6 authorized service center. Line 6 may require advanced authorization of repairs to authorized service centers. Unauthorized service, repair or modification will void this warranty.

DISCLAIMER AND LIMITATION OF WARRANTY

THE FOREGOING WARRANTY IS THE ONLY WARRANTY GIVEN BY LINE 6 AND IS IN LIEU OF ALL OTHER WARRANTIES. ALL IMPLIED WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR ANY PARTICULAR PURPOSE, EXCEEDING THE SPECIFIC PROVISIONS OF THIS WARRANTY ARE HEREBY DISCLAIMED AND EXCLUDED FROM THIS WARRANTY. UPON EXPIRATION OF THE APPLICABLE EXPRESS WARRANTY PERIOD (1 YEAR), LINE 6 SHALL HAVE NO FURTHER WARRANTY OBLIGATION OF ANY KIND, EXPRESS OR IMPLIED. LINE 6 SHALL IN NO EVENT BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES SUFFERED BY THE PURCHASER OR ANY THIRD PARTY, INCLUDING WITHOUT LIMITATION, DAMAGES FOR LOSS OF PROFITS OR BUSINESS, OR DAMAGES RESULTING FROM USE OR PERFORMANCE OF THE PRODUCT, WHETHER IN CONTRACT OR IN TORT. LINE 6 SHALL NOT BE LIABLE FOR ANY EXPENSES, CLAIMS, OR SUITS ARISING OUT OF OR RELATING TO ANY OF THE FOREGOING. Some states do not allow the exclusion or limitation of implied warranties so some of the above limitations and exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights, which vary, from state to state. This warranty only applies to products sold and used in the USA and Canada. Line 6 shall not be liable for damages or loss resulting from the negligent or intentional acts of the shipper or its contracted affiliates. You should contact the shipper for proper claims procedures in the event of damage or loss resulting from shipment.

Customer Service

Before contacting the Line 6 Customer Service team, please take the time to look through this publication to see if it can answer your questions. Additional helpful information is on the Support page of the Line 6 web site at **www.line6.com/support**, including the searchable Knowledgebase/FAQTRAQ system which is often the fastest and easiest way to get the answers you need.

Need to talk to an actual human on the Line 6 Customer Service team by phone? Have your serial number handy and take some notes for yourself before you call, so you remember everything you want to ask about. In the USA or Canada, you can contact Line 6 at **(818) 575-3600**, 8AM to 5PM Monday through Friday (Pacific Time). Outside the USA and Canada, please contact your distributor directly to arrange service. The list of Line 6 distributors is available on the Internet at **www.line6.com**.

To obtain factory service

You must obtain a return authorization (RA) number before sending any unit to Line 6 for service. **Products returned without an RA number will be returned to you at your sole expense.** If you live in the United States, log an incident in our online support system at www.line6.com/support or call (818) 575-3600 or and we will help you find the best way to get your unit repaired, whether it be returning the unit to Line 6 or finding an Authorized Service Center. If you live in Europe, email euroinfo@line6.com or call Line 6 UK at +44 (0)178 882 1600. If you live outside of these areas, please contact your local distributor. If you do not know whom your distributor is, either call us at (818) 575-3600 or use the distributor locator at www.line6.com/support.