

Terms of Warranty

Gurus product warranty covers 2 years from date of purchase with the exception of moving mechanical parts such as foot switches, speakers and handles which have a 1 year warranty. The valves, lights and cables are guaranteed for 3 months from the date of purchase.

The warranty does not cover damage caused by accident, misuse and / or neglect, failure to comply with the instruction manual, repair and attempted repair by personnel not authorized by **Gurus**, any damage caused during transport and delivery, (claims must be presented to the carrier); damage to any product that has been altered or on which it has been removed, defaced or altered serial number; damage caused by faulty connections or connections to equipment failures and/or defective power cables.

Responsibility of **Gurus** for any defective product is limited to repair or replacement of the product at our discretion.

Gurus not be liable for damages resulting from loss of use of the product, lost time operation interrupted by non-use of the product, loss of business or any other damages or incidental, consequential or otherwise; damage in transit or damage caused by inadequate packaging or of poor quality.

Assistance: Please contact us for information on how, where and when to ship the product after the return has been Authorized by Gurus . The repaired goods should be packed carefully and we recommend not include any accessories such as cables, effects, manuals, etc. . .

Please attach a copy of the original receipt of purchase (invoice or receipt) together with a problem description and your personal data.

THE WARRANTY IS NOT VALID WITHOUT A COPY OF YOUR RECEIPT OF SALE CERTIFYING THAT THE DATE OF PURCHASE.



Gurus reserves the right to change technical features or look of his products in any moment without notice. This product is pursuant to European Directives 89/336EEC

GURUS

AMPS & TOOLS FOR YOUR TONE



ECHOSEX 3°

USER'S MANUAL (ENG)

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INTRODUCTION

After four years from his launch, being awarded and used by some of the most important musicians in live shows and in their records such as Steve Lukather, Nick Mason and Saucerful of Secrets, Alan Parsons, Motorhead, Skunk Anansie, Bon Jovi, PJ Harvey, and many, many others, it was the time for an update to our beloved Echosex making the most advanced and sonically perfect Echosex yet.

The NEW Echosex 3°!

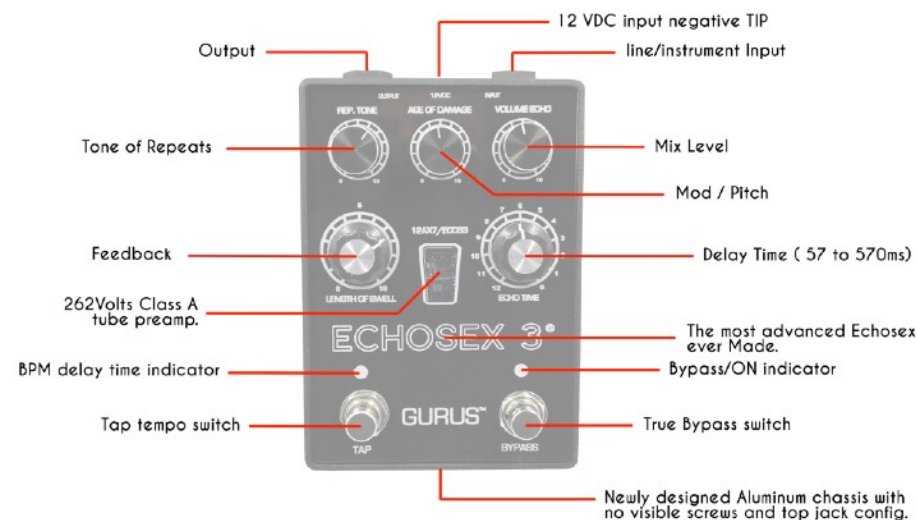
The NEW Echosex 3° reproduces a single Head of the vintage Binson Echorec but with the ability to move that head to change the delay time like a modern delay with the same vintage sound!, Gurus has improved the preamp section which runs at 262Volts (Just like the vintage Binson!) this makes for huge headroom, results in accentuating the harmonics. This improved input section is now impossible to saturate even with strongest signals from powerful humbuckers, active basses, Fx loops or Keyboards/Synths... The tone is pristine and dynamic, Gone is the "hiss" found in longer delay time settings however there's no loss of the "dark" character of the vintage "Tape" or "Magnetic-Drum" echo units.

True bypass with golden pin relay, the unit is super quiet with no perceptible noise Plus the slightly smaller box and new "top jack" configuration will make for an easy fit into any pedalboard.

ADDITIONAL INFO:

- Delay time can be settled by the ECHO TIME control from 57 to 570ms. counterclockwise.
- More delay time can be reached by Tap tempo (up to 770ms.)
- Be sure to use the included psu or a 12V negative tip 5,5x2,1mm plug power source with at least 40/500mA available.
- Echosex 3° features a real preamp section running at an high Voltage of 262Volts. Be aware about the risk of shock, do not open in any case.
- Tap Tempo has a self-calibrating function that keeps the bpm from the brain of the Echosex perfectly in sync with the bpm you tapped.
- The AGE of DAMAGE mimic the behavior of the wearing out of the mechanical parts of a worned vintage Binson unit with the rubber wheel pushed against the spinning disc very worned. This produced a different effect on the sound depending of the status (age of damage..) going from a nice modulation (from 0 to 12h of the control) to a psychedelic modulated pitch shifting (from 12h to max of the control).

CONTROLS



TECH SPECS.

Power In	12VDC (negative TIP) Power supply included
Consumption at 9Vdc	max 400mA
Input Sensitivity	1Vpp Max
Input Impedance	<1M Ohm
Output Impedance	< 100K Ohm (Unbalanced)
S/N ratio	<90db
Effect Mix Level	Max. 50%
Distortion	max 2%THD
Estimated tube Life	Up to 6000Hrs.
Larghezza (Width)	90mm. (3,5")
Lunghezza (Lenght)	127mm. (5")
Altezza (Height)	50mm. (2")
Peso (Weight)	0,7Kg. (1,5lbs)