

T7EBABY



After the big success of the small Echosex Baby, we pushed the project to its max, expanding the features of our famous “Binson-inspired” circuit, with the complete palette of options that the old Binson Echorec T7E offered, with full 4 Heads combinations, STEREO ENGINE, Three working mode Echo, Rep, Swell, and the ability to recall the Swell mode as a “preset” with a dedicated footswitch.

- **Size:** the new enclosure make it very pedalboard-friendly: only 3,5” x 5”!! (9 x 13cm.)

- **Connections:** the FOXGEAR T7EBABY is equipped with full Stereo Input & output, and an internal stereo engine that works on a phase and split-frequency resulting in an unbelievable stereo 3D effect for an outstanding and lush ambient tone.

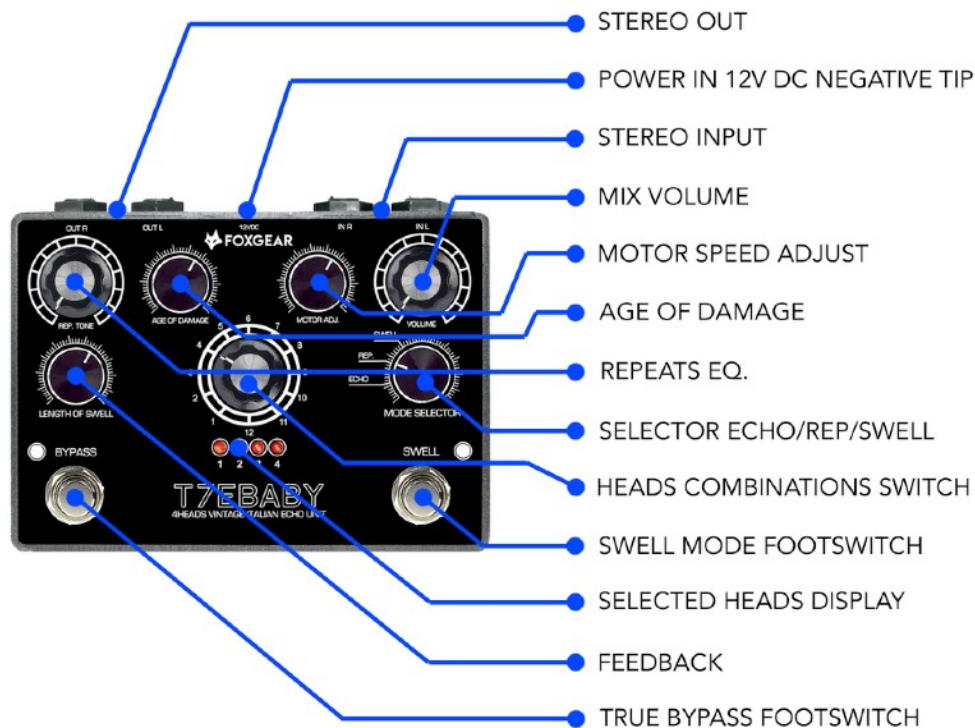
- **Switching:** Now available with 2 footswitches handling bypass, that is a real True Bypass assisted by relay, that lets you put it at the end of your chain between stereo pedals, and a very useful SWELL footswitch, to immediately recall the swell mode (reverb) in order to have two different presets for your ambient/echo tone.

- **Motor Speed adjust:** along with the other cool features of the old Echosex Baby, we’ve added this control, that let you increase the overall delay time, you can mimic a slowed speed of the magnetic drum. This allows the FOXGEAR T7EBABY over 880ms of long, lush delay, keeping the 4 heads in sync, no matter what combination of head you are using.
- **Working mode Selector:** Like in the old Binson you can select the operating mode: **ECHO, REP, SWELL:** **ECHO** gives only one tap to the selected head/combination of heads, with no feedback at all. **REP.** (Repeats) Apply the feedback to the selected head/combination of Heads, settled by the “length of swell” control. **SWELL:** was the Reverb setting, applying feedback to all the 4 heads. It was very used by David Gilmour of Pink Floyd in many popular songs like “time” and it can be recalled by the dedicated foot switch “SWELL” to be used as a second preset.
- **Heads combinations:** the Main selector let you choose the Head/combination of heads you want to use, they are settled in a very musical way, (for example, like 1/4-1/8 or dotted eight) and you are allowed to select single heads, couple, triplets, or all the 4 heads simultaneously. The useful 4 red LEDs shows the head/combination of heads in use. (this is bypassed when using Swell mode.) Refer to following Matrix for combinations/time references.

STEREO ENGINE:

Stereo In&out are totally transparent when the pedal is in Bypass, it can be placed between other stereo pedals, keeping the stereo inputs and outputs intact and separated. When used with a mono input, also the output is mono when the pedal is in bypass. Only when the pedal is engaged, his internal stereo engine provide a stereo signal with a beautiful 3D effect.

CONTROLS:



4 HEADS SELECTOR MATRIX:

HEADS COMBINATIONS	HEAD 1	HEAD 2	HEAD 3	HEAD 4
POS. 1	86 - 200ms			
POS. 2		172 - 422ms		
POS. 3			258 - 625ms	
POS. 4				344 - 882ms.*
POS. 5				
POS. 6				
POS. 7				
POS. 8				
POS. 9				
POS. 10				
POS. 11				
POS. 12				

344 - 882ms.*

* Each Heads have a min. - max. value, based on the Motor Speed Adj. control. 344ms. with the Motor Adj. completely closed (counterclockwise), 882ms. when totally open (Clockwise) and it is very precise as it is designed by ultra low tolerance resistors. The Higher the value of Speed adj, the higher is the noise and average THD , exactly like using a magnetic tape or drum. But this also means that the “keeping in sync” of Heads combinations will be very precise and useful.

SETTINGS:



The Tone control affect only the Repeats, making it brighter or darker, based on the Length of Swell setting. (if the feedback is set to only 2-3 repeats.. the tone will affect it in a very subtle manner) When Length of Swell is set to highest value, close to self-oscillation, the tone control act like a brake system, that let you stay close to the edge of self-oscillation, creating that beautiful carpet of sound typical of the old Binson Ecorec.

The Age of Damage is designed to mimic how an old, damaged unit affect the sound.. This was caused by the wearing out of mechanical parts, especially the rubber spinning wheel, that was pushed against the capstan, and became kinda oval, causing a “non-linear” and irregular speed of the main spinning drum, creating a kind of “chorus effect” and a pitch shifting if push the control to highest value.



TECH SPECS.

Power In	12VDC (negative TIP)
Consumption at 9V	140mA
Delay Time:	(H1:86ms, H2:172ms, H3:258ms, H4:344ms)
Speed Motor Adj:	From 344ms to 882ms
Input Impedance	<=1M Ohm
Output Impedance	<=10K Ohm
Lunghezza (Lenght)	90mm. (3,5")
Larghezza (Width)	127mm. (5")
Altezza (Height)	30mm. (1,2")
Rohs Compliance:	Yes
Power Supply:	Included
Peso (Weight)	0,5Kg. (1,1lbs)

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Terms of Warranty

FOXGEAR LLC product warranty covers 5 years from 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 **FOXGEAR LLC**, 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 **FOXGEAR LLC** for any defective product is limited to repair or replacement of the product at our discretion.

The **FOXGEAR LLC** 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 FOXGEAR LLC . 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 details.

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

Foxgear pedals are designed in Italy and handmade in our own factory in PRC.

