ECHOFET BABY

CICOGNANI BOUTIQUE SERIE

USER MANUAL
(UK)

CICOGNANI ENGINEERING

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USEFUL INFORMATION

ECHOFET BABY is an echo effect created to revive the characteristics of the sonority of the legendary ECHOREC BINSON. Totally re-engineered to make it more suitable for today's needs ECHOFET BABY not only maintains the sound foundations of its predecessor but improves several aspects**.**

The sound: The path of the totally analog signal has been assigned to a particular and innovative pre-amplification circuit which guarantees a very high linearity useful to capture every nuance of sound while keeping intact those characteristics of spatiality and three-dimensionality that have always distinguished the mythical and immortal ECHOREC BINSON.
The delay times are adapted to today's needs by increasing the range from 60 to 680 mS.
The maintenance disappears as there are no moving parts inside that periodically must be cleaned and lubricated.
The size and shape of the pedal allow it to be inserted into any guitar pedalboard, granting qualities of convenient portability.
The Hi / Lo selectable input level combined with the excellent buffer makes the unit free to be compatible with most of the instruments, amplifiers and effects on the market.

As a result of my experience in the repair and customization of various BINSONs, I would like to point out that even though there were slight differences in units such as over time and with normal wear and tear, they made each piece unique. The wear and the ovalization of the rubberized transmission wheel generated an irregularity in the motion that in the audio was transformed like a particular kind of modulation. In order to replicate this also this particular sound we have included a control called "degree of wear" that simulates the effect.

ECHOFET BABY offers a different way of conceiving the echo effect. The magic in reproducing a three-dimensionality and richness of sound makes ECHOFET a "creative machine", able to enrich your sound and thus offer you a new and exciting experience.

WARRANTY TERMS

The guarantee of CICOGNANI ENGINEERING products is two years from the purchase data except for the parts subject to wear and tear from the switches, buttons, relays that is one year. The thermionic valves, indicator lights, wiring cables are guaranteed for three months. Security is not a problem, but it's just a way of thinking, managing things to do and not thinking about presented to the carrier); damage from incorrect connections, with non-conforming modifications (altered / modified), with interfacing to malfunctioning devices.

The responsibility of CICOGNANI ENGINEERING is limited to repairing the product or replacing it. (Replacement at our choice)

CICOGNANI ENGINEERING will not be liable for damages resulting from failure to use the product, interrupted operation, commercial, incidental, consequential, transport or unsuitable packaging.

How to receive assistance: Send an email request to project@cicognani.eu in order to make agreements on how and where to send the product. The product must be sent together with a copy of the receipt / sales receipt together with which a description of the claimed fault is appreciated. I recommend to make a packaging suitable to well protect the product not including manuals, cables, effects or various accessories. The costs of labor and material under warranty will be charged to the CICOGNANI ENGINEERING.
Shipping and packing costs are the responsibility of the purchaser.

THE WARRANTY HAS VALIDITY IF THE PRODUCT IS A COPY OF THE RECEIPT OF SALE IN A WAY THAT ATTEND THE DATE OF PURCHASE

TECHNICAL FEATURES

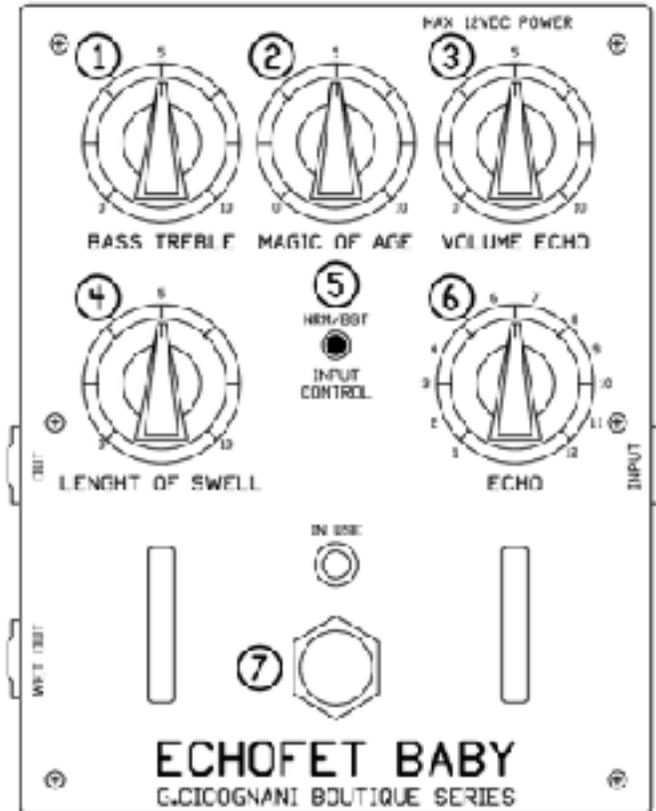|	
POWER IN:	da 9 a 12VDC max
CONSUMPTION:	100mA max
INPUT IMPEDANCE:	<1M Ohm
INPUT LEVEL:	0.5Vpp max
MIX LEVEL:	55% max
OUT IMPEDANCE:	<100 K Ohm
OUT LEVEL:	0db max 1Vpp
BANDWIDTH:	7 to 200Khz
WET OUT IMPEDA	<100K Ohm
WET OUT LEVEL:	0db max 1Vpp
SIGNAL NOISE RATIO:	<78db
WEIGHT:	0,3 Kg. (0,6 lib.)
WIDTH:	94 mm. (3,7 in.)
LENGHT:	120 mm. (4,7 in.)
HEIGHT: (MAX)	45 mm. (1,770 in.)

CONNECTIONS

POWER: Power input 9 / 12VDC (negative tip) 200mA
INPUT: High / low impedance input with selectable level (+ 4 / -10db)
OUT: Main output with low impedance. This output integrates all the functionalities of the unit.
WET OUT: Signal "all effect". This output excludes the "Volume echo" control as it precludes an external mix usage. This output is designed to let out all the purity of the effect which can be combined with the direct signal in combination with external mixers, valve mixers present on high-end amplifiers, etc.
All input / output connections are type: 6.3mm mono jack.
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All input / output connections are type: 6.3mm mono jack.

CAUTION!! Make sure to check the power supply connection as per technical specifications from 9 to 12VDC (central negative).

The product is designed to be powered from outside. Do not open the device, below it is not designed for any internal battery.

CICOGNANI ENGINEERING reserves the right to modify the technical characteristics and layout of the products at any time and without notice. This product is built to the rule of art and observes the technical requirements of the 89 / 366EEC European Directives

CONTROLS

ECHOFET BABY
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1 Bass/Treble: Echo tone control
2 Magic of age: Modulation control
3 Volume echo: Volume level echo
4 Lenght of swelll: Feedback.
5 IN/OUT control: Input level 0/+4db
6 Echo: Time control
7 Bypass: On/Off effect with feedback reset

TECHNICAL DIAGRAM