



Safety warnings and recommendations

Do not eat BÉBÉ CHÉRIE. Before using BÉBÉ CHÉRIE, make sure to read all the instructions below, and this User Manual. BÉBÉ CHÉRIE should be connected to the included AC adapter or a power supply of the type described in this manual. Before connecting BÉBÉ CHÉRIE to other devices, turn off the power to all units. Turn on your speakers after powering BÉBÉ CHÉRIE. Do not place things on the top of the AC adapter which could prevent normal cooling. If your BÉBÉ CHÉRIE is unused for a long period of time, disconnect the AC adapter from the outlet. BÉBÉ CHÉRIE, in combination with an external amplification system or headphones, may generate a high sound level, which could potentially damage your ears. Do not operate BÉBÉ CHÉRIE for a long period of time at a high volume level. It's safer to keep reasonable levels and start with low volume. Do not expose BÉBÉ CHÉRIE and its AC adapter to rain, moisture, dust, sand or dirt. Do not pour liquids into BÉBÉ CHÉRIE and its AC adapter. Never use or store BÉBÉ CHÉRIE near water, for example sea, swimming pool, bathtub, kitchen or bathroom sink. BÉBÉ CHÉRIE should be located away from high temperatures (> 35 degrees C), for example direct sunlight in an enclosed vehicle, radiators, heat registers, stoves or other heat sources. Only clean BÉBÉ CHÉRIE with a soft, dry cloth. Do not apply any liquids or alcohol. Do not apply excessive vibration forces to BÉBÉ CHÉRIE, do not drop it and always transport it in its original packaging or in shock-absorbing material. Never climb on top of, nor place heavy objects on BÉBÉ CHÉRIE. Some parts of BÉBÉ CHÉRIE are fragile (such as the housing and some electronic components), so dropping it might damage your BÉBÉ CHÉRIE. Repair work resulting from dropped BÉBÉ CHÉRIE is not covered by the normal warranty of the product. Do not leave small children alone with BÉBÉ CHÉRIE, and do not let them use BÉBÉ CHÉRIE unless they are capable of following all the rules for the safe operation of BÉBÉ CHÉRIE. Do not open (or modify in any way) BÉBÉ CHÉRIE or its AC adapter. There are no user serviceable parts inside. Refer all servicing to qualified personnel only. If you think your BÉBÉ CHÉRIE needs repair, you can send us an e-mail at : support@otomachines.com.

Warranty

BÉBÉ CHÉRIE is sold with one year full warranty. This warranty covers all malfunctions that may occur from normal use, and does not cover damage due to abuse, faulty connections or operation under other than specified conditions. Warranty is void when serial number is unreadable, when the device is repaired by unauthorized persons, opened, or tampered with in any way, or if the product was not sold to the end user through an authorized dealer or the OTO Machines website. This warranty is limited to replacement or repair of the product. The unit can only be returned for repair after agreement from OTO Machines. Customer covers shipping cost of faulty BÉBÉ CHÉRIE to OTO Machines and OTO Machines covers shipping cost back to customer.

Disposal

The trash can symbol indicates that your product must be disposed of properly according to local laws and regulations.

Warning on epilepsy

A very small percentage of individuals may experience epileptic seizures or blackouts when exposed to certain light patterns or flashing lights. If you have an epileptic condition or have had seizures of any kind, consult your physician before using BÉBÉ CHÉRIE.

BÉBÉ CHÉRIE - USER MANUAL

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Tested to comply with FCC Standards FOR HOME OR OFFICE USE.



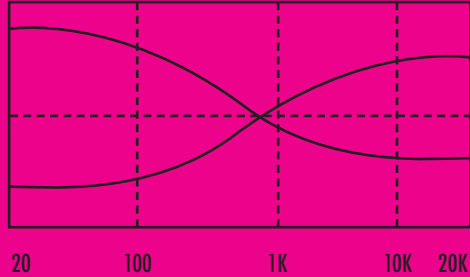
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

BÉBÉ CHÉRIE USER MANUAL

Equalization

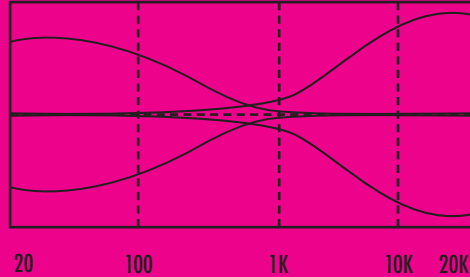
Tilt pot frequency response (channels 1 to 4)

Center frequency : 700 Hz
Min position : +15 dB @ 50 Hz / -11 dB @ 13 kHz
Max position : -15 dB @ 50 Hz / +11 dB @ 13 kHz



Baxandall pots frequency response (channels 5 & 6)

Lo pot : +/-15 dB @ 63 Hz
Hi pot : +/-19 dB @ 13 kHz



Gain



Channels 1 to 4 have a variable gain from 0 to +32 dB. An asymmetrical soft clipper follows this gain stage and can add harmonics to your signal.

On/Off switches



Channel is muted (White and red LEDs off)
Channel is muted and clipped (Red LED on)
Channel is on (White LED on)
Channel is on and clipped (White and red LEDs on)

Compressor



This is a one knob compressor with a 3 : 1 fixed ratio. When the pot is at its min position, the threshold is set at +10 dB and the make-up gain is 0 dB. The compressor is not active, except for signals above +10 dBu. When the pot is as its max position, the threshold is set at -30 dB and the make-up gain reach +20 dB. The 4 bars at the right display the gain reduction. Compressor is only available on Master and Phones outs.

Master



The red dot here indicates the position of the Master pot for unity gain (0 dBu) output.

Vu meters level



Bliss



Bliss can add relief and energy in the hi frequency spectrum. When the pot is down, the Bliss effect is bypassed.

Bliss is only available on Master and Phones outs.

Phones out



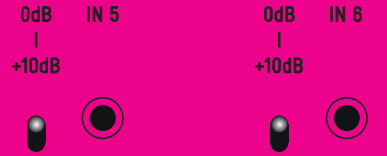
This phones out is based on a low noise and low distortion amplifier with a unity gain. You can also use it as a second Master out.

Rear panel switches



Inputs 1 to 4 :

If your source is stereo and you're using a stereo mini jack cable, set this switch to « stereo ». If your source is mono and/or you're using a mono mini jack cable, set this switch to « mono ». The mono signal will be routed to the left and right busses (center).



Inputs 5 and 6 :

These 2 inputs don't have a variable gain pot. Use this switch to add +10dB of gain.

Alt out

ALT. OUT



Whenever a channel is off, the signal is routed to the Alternate Out. You can use the Alt. Out to route your signal to an external effect, for recording purposes,...

SPECIFICATIONS

Noise

(20 Hz - 20 kHz bandwidth, 600 Ohms impedance)

All levels at min :

-96 dBu (Master Out)

-97 dBu (Alt. Out)

-91 dBu (Phones Out)

All channel levels at min, Master level at unity :

-90 dBu (Master Out)

-97 dBu (Alt. Out)

-88 dBu (Phones Out)

All channel levels at max, Master level at unity :

-88 dBu (Master Out)

-95 dBu (Alt. Out)

-87 dBu (Phones Out)

Distortion (THD+N)

(@500 Hz, +4 dB output level, 20 Hz - 20 kHz bandwidth)

Channel 1 to Master Out :

0.012 %

Channel 1 to Alt. Out :

0.013 %

Channel 5 to Master Out :

0.008 %

Channel 5 to Alt. Out :

0.009 %

Frequency response

(all Tilt, Hi and Lo pots at mid position)

Channel 1 to 4 :

-0.5 dB @ 20 Hz,

-0.3 dB @ 20 kHz

Channel 5 to 6 :

-0.16 dB @ 20 Hz,

+0.2 dB @ 20 kHz

Max Out Levels

(On Master Out @ 1% THD+N, Master level at max)

Channel 1 to 4 :

+15 dBu

Channel 5 to 6 :

+18 dBu

Compressor

Ratio :

3 : 1

Threshold :

+10 to -30 dB

Attack time :

2 ms

Release time :

300 ms

Max make-up gain :

+20 dB

Attenuation

(@500 Hz, 0 dB output level, 20 Hz - 20 kHz bandwidth)

Channel level at max and channel off : -91 dB

Channel level at min and channel on : -86 dB

Master level at min : -80 dB

Impedances

All inputs : 47 kOhms

Master and Alt. Outs : 100 Ohms

Phones out : 39 Ohms

General

Dimensions : 290 (W) x 145 (D) x 62 (H) mm

Weight : 1338 g

Power supply

Input : 100-240 V, 0.3 A, 50 / 60 Hz

Output : 12V DC, 1 A, center positive

Power requirements : 12 V DC, 0.5 A

