

EUPHONIA

PROFESSIONAL 4-CHANNEL ROTARY MIXER

Euphoric sound with digital clarity and analog richness from Rupert Neve Designs transformer

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The euphonia produces a euphoric sound with the clarity of digital and the richness of analog that's never been heard from a DJ mixer before.

To deliver a clearer sound quality that accurately reproduces the expression of the music, the euphonia uses high-quality 32-bit A/D and D/A converters as well as 96kHz/64bit floating point mixing processing operations in the DSP, utilizing the digital signal processing technology AlphaTheta has developed over many years.

All sound coming out of the euphonia passes through a transformer circuit co-designed by AlphaTheta and Rupert Neve Designs, the legendary makers of outstanding analog audio circuitry and mixing desks revered by artists and sound engineers around the world. This transformer circuit, tuned specifically for the euphonia, adds harmonics to the music and creates a glossy and energetic sound that's smoother for mixing. Low frequencies such as kicks and bass are more stable and punchy, mid frequencies like vocals and instruments have more presence and gloss, and high frequencies such as hi-hats sound silky and natural. The transformer breaks down the barrier between vintage live and modern electric sounds, making mixing easier and surprisingly natural, as if recordings in different styles were originally one piece of music

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HIGHLIGHTS

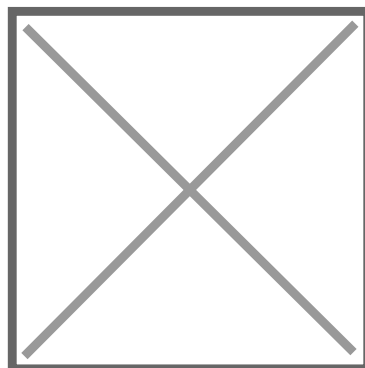


SPECIALLY DEVELOPED ROTARY FADER MAKES YOU FEEL ONE WITH THE MUSIC

When you touch the faders on the euphonia, you won't want to let go. To enhance its intuitive mixing experience, the unit is loaded with rotary faders that feature a brand-new carefully developed design to give you the feeling that you and the mixer are one. After extensive testing, the perfect knob sizes were chosen, with an elastomer applied to the outer circumference of each to ensure a comfortable and reliable grip as well as a high level of vibration absorption.

ENERGY VISUALIZER FOR UNDERSTANDING OVERALL SOUND AT FIRST GLANCE

Get an instant visual grasp of the status of your mix and the balance of track volume levels by glancing at the euphonia's Energy Visualizer. Conventional VU meters only have 1 needle meter, making it difficult for DJs to grasp multiple channel levels at the same time. But the euphonia's uniquely developed Mix Level Meter features a needle meter for each channel so you can visually check the levels for all channels and mix smoothly while keeping the groove going. You can even keep an eye on the balance of the master output by looking at the Spectrum Analyzer, which helps you keep your mixes sounding consistent and smooth, even in a long set, as you "watch" the euphonia's output and adjust it to create your perfect sound.



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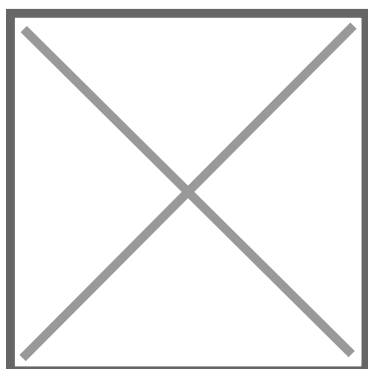
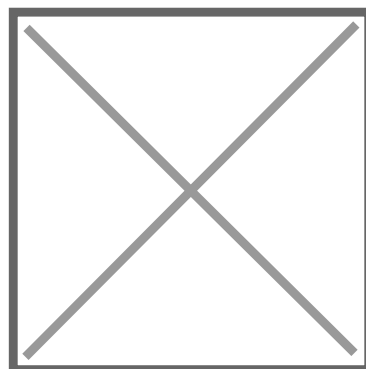
NEXT-GENERATION 3BAND MASTER ISOLATOR THAT TRANSFORMS SENSIBILITY INTO SOUND AT YOUR WILL

Highest-quality isolator

The size of the isolator knobs is perfect for rapid turns from center to maximum or minimum, and the torque load is perfectly balanced for both quick operation and fine sound quality adjustment, with a luxurious feel that's not too light. The cut-off frequency and slope are set to control and highlight the kick, melody, and rhythm bands in a natural yet sharp manner.

BRAND-NEW BOOST SEND FOR ONE-HANDED EFFECTS APPLICATION

Add one of the built-in Send Effects, or an effect from an external unit, to the sound of any of the master isolator frequency bands. Press the Boost Send button for the low, mid, or high and, as you turn the isolator knob, the effect will be applied to that band. This enables you to apply effects with a single hand in a way that previously needed two, leaving the other hand free for mixing another track.



BOOST LEVEL TO HELP YOU EXPRESS YOUR STYLE

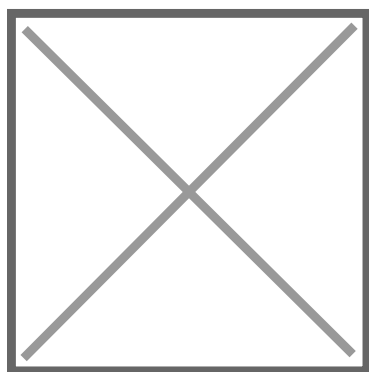
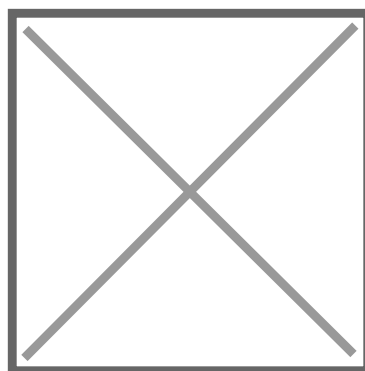
Pick the Boost Level setting that suits your playing style and the volume level of each frequency band will be increased by the relevant amount. Choose +12dB for dynamic performances, +6dB for sound quality adjustments, and 0dB for reverb effects without any volume boost.

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BUILT-IN SEND FX TO BRING DEPTH AND BREADTH TO YOUR SOUND

The euphonia features 5 built-in spatial effects and a high-pass filter, so you can easily add depth and breadth to your music. These are: Delay, Tape Echo, Echo Verb, Reverb, Shimmer, and HPF (high-pass filter). Also Send/Return section which you the option to connect external effects units. A dedicated knob on each channel enables you to adjust the send level going to the selected effect, so you can apply just the right amount. And the time knob, which allows you to adjust the effect delay and reverb time, has a proprietary mechanism developed specifically for this unit that automatically switches between a clicking sensation and no-clicking sensation depending on the effect you've selected. When using Delay, Tape Echo, and Echo Verb, the knob clicks according to the BPM, so you can quickly apply effects. When you use Reverb and Shimmer, there's no clicking so you can turn the knob freely to perform smooth sweeps or make tiny adjustments to find the perfect setting.



DESIGN THAT EMBODIES A NEW ERA OF ROTARY MIXER

The euphonia was designed to signify a new era of rotary mixers, with a “two-tone, two-layer” look symbolizing tradition and innovation. The channel strip section, which comprises traditional mixer elements, is distinguished from the innovative display section by matte and gloss textures, resulting in a crisp design that combines analog and digital elements. The copper color of the primary knobs conveys the warmth of analog sound, and the wood side panels are painted black to blend in with the overall aesthetic.

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PRODUCT DETAILS

KEY FEATURES

Send/Return & Master Insert Supports both Send/Return-type effect pedals and Insert-type effect units (like the RMX-1000). You can use these connection types independently to create your ideal sound with various devices. Insert-type effects are applied to the Master.

rekordbox: Make full use of the low-latency DVS feature in rekordbox for intuitive, smooth scratching.

Serato DVS-ready: Use Serato DVS to control and scratch with CDJs or turntables. *You'll need to buy a license or subscription.

Lockable Power Cord: Relax in the knowledge that the Lockable Power Cord will always stay firmly in place, even if you knock it while connecting or disconnecting other equipment from the mixer.

Firmware Update Manager: You'll be automatically notified when firmware updates become available. You can download the Firmware Update Manager

SPECIFICATIONS

Frequency response	20 Hz - 40 kHz (LINE)
S/N Ratio	107 dB (USB, DIGITAL IN), 88 dB (PHONO), 105 dB (LINE), 79 dB (MIC)
Power requirements	AC 110 V - 240 V, 50 Hz / 60 Hz
Power consumption	43 W
Inputs	DIGITAL IN × 4 (coaxial), LINE × 4 (RCA), PHONO × 4 (RCA), MIC × 1 (XLR & 1/4" TRS jack)
Outputs	MASTER × 1 (XLR), BOOTH × 1 (1/4" TRS jack), REC × 1 (RCA), PHONES × 2 (1/4" stereo phone jack, 3.5 mm stereo mini jack)
USB	USB Type-C × 1
Others	SEND × 2 (1/4" TS jack), RETURN × 2 (1/4" TS jack)
Compatible software	rekordbox, Serato DJ Pro

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Accessories	Power cord, Warranty (for some regions), Quick start guide, Precautions for use
Max. external dimensions (WxDxH)	429.2×331.0×119.9 mm / 16.90"×13.03"×4.72"
Main unit weight	9.5 kg / 20.94 lbs.