

EUPHONIA



OVERVIEW



Euphoric Harmonies: Meet the euphonia professional rotary mixer

AlphaTheta Corporation announces the release of the euphonia from its AlphaTheta brand, a professional rotary mixer which creates an amazingly natural and smooth mixing experience.

Building on over 30 years of audio technology and innovation while paying homage to rotary mixers, known for their unique sound quality and playability that enables deep immersion in music, this is the first mixer to bear the AlphaTheta name and it's the company's first-ever rotary unit. The all-new 4-channel euphonia provides a euphoric musical experience that combines the clarity of digital and the richness of analog. This holy grail of sound characteristics is made possible by the high-resolution wide-ranging sound design and the inclusion of an analog transformer circuit, co-developed with Rupert Neve Designs, which enhances harmonics in your music to create an energetic and polished sound that enables smooth mixing.

Once you've fallen in love with the sound, you'll notice the supreme feel of the uniquely developed rotary faders which have been carefully designed to make you feel a deeper connection with the euphonia. The 3Band Master Isolator was also custom designed so you can make dynamic changes to the music and have more sensory control over your sound. Going one step further, you can turn your spontaneous musical inspiration into impactful sound by using the 3Band Master Isolator in combination with the new Boost Send feature for powerful performances.

All this is just the tip of the euphonia's "iceberg" as the mixer also features an Energy Visualizer, built-in Send FX, and multiple inputs and outputs to enable you to take your musical expression to the next level. The sound produced by the euphonia immerses you deeper in the music and promises richer musical experiences.

KEY FEATURES

1. Euphoric sound with digital clarity and analog polish from Rupert Neve Designs transformer

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 96 kHz/64-bit 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.

2. Specially developed rotary fader makes you feel at 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. You'll notice a difference in the feel of the knobs when you turn them at different speeds, as a higher load is applied when you turn a knob slowly for delicate fine-tuning and a lower load level is applied when you turn a knob quickly to instantly reach your intended volume level. And the fader volume curves have been optimized through feedback from numerous DJs, enabling smooth and natural mixing without equalizing, so you can concentrate on volume control. This innovative fader allows for musical expression that will move your audience and enhance your performance.

3. 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. 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.

KEY FEATURES

4. Next-generation 3Band Master Isolator that transforms sensibility into sound at your will

Enjoy a more sensory level of control over your music with the 3Band Master Isolator which was specially built for the euphonia.

- **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 band 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.

5. 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). There's also a Send/Return section which gives 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.

KEY FEATURES

6. Design that embodies a new era of rotary mixer:

The euphonia was designed to signal 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.

7. Other features

- **2 options for connecting external FX units:** Send/Return and Master Insert.
- **Digital (coaxial) in terminal.**
- **Built-in USB Type-C audio interface for PC/Mac.**
- **Compatible with rekordbox DJ Software.**
- **Compatible with Serato DJ Pro DJ Software (license needed).**
- **2-band booth EQ.**
- **Lockable power cable.**

Why is this called “euphonia”

Euphonias are members of the genus Euphonia, a group of Neotropical birds in the finch family.

The genus name is of Greek origin and refers to the bird’s pleasing song, meaning **“sweet-voiced”** (εὖ eu means “well” or “good” and φωνή phōnē means “sound”, hence **“of good sound”**).

euphonia



DESIGN









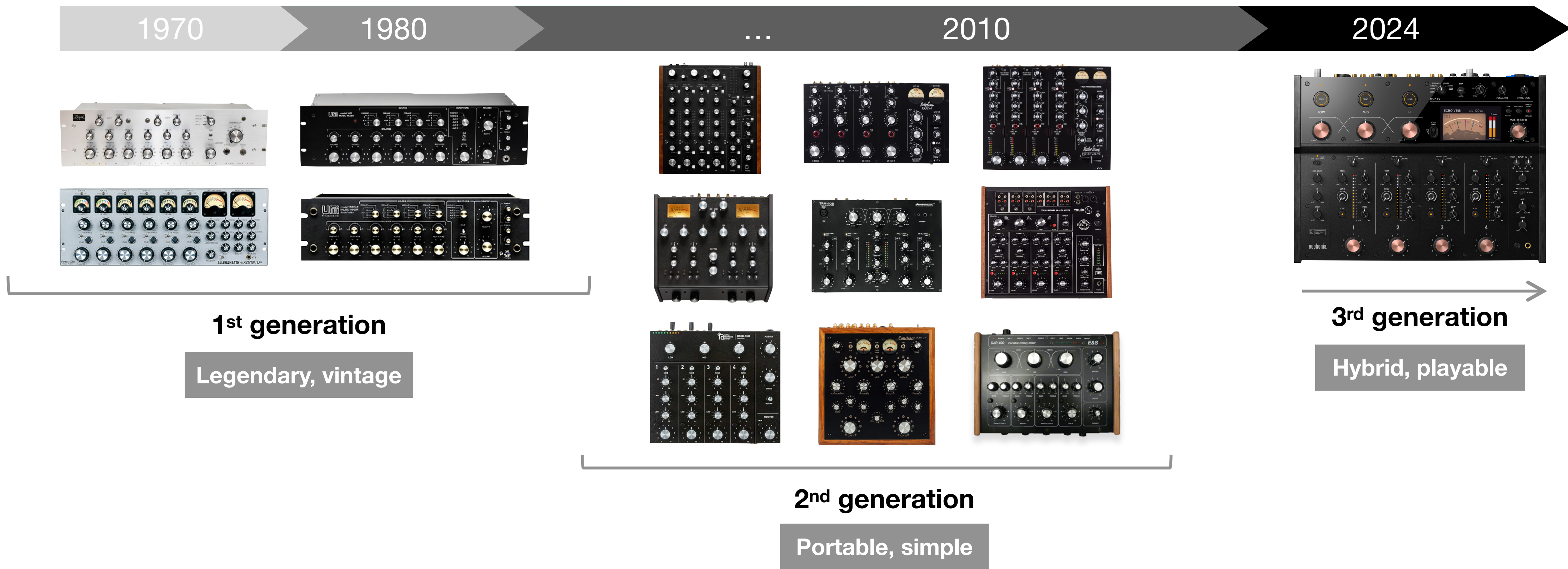




TARGET USER

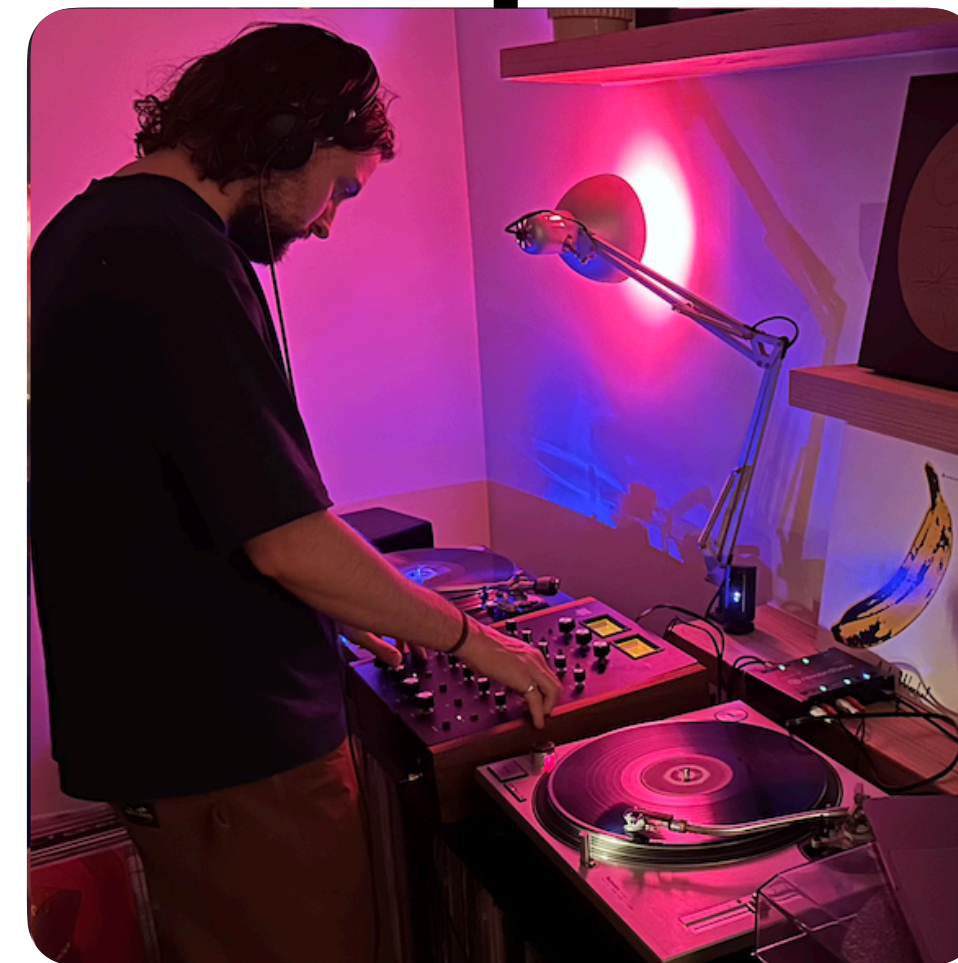


For the rotary mixer market, we introduce the next generation of rotary mixer. Providing a rich musical experience combined with redefined playability.





Main: professional

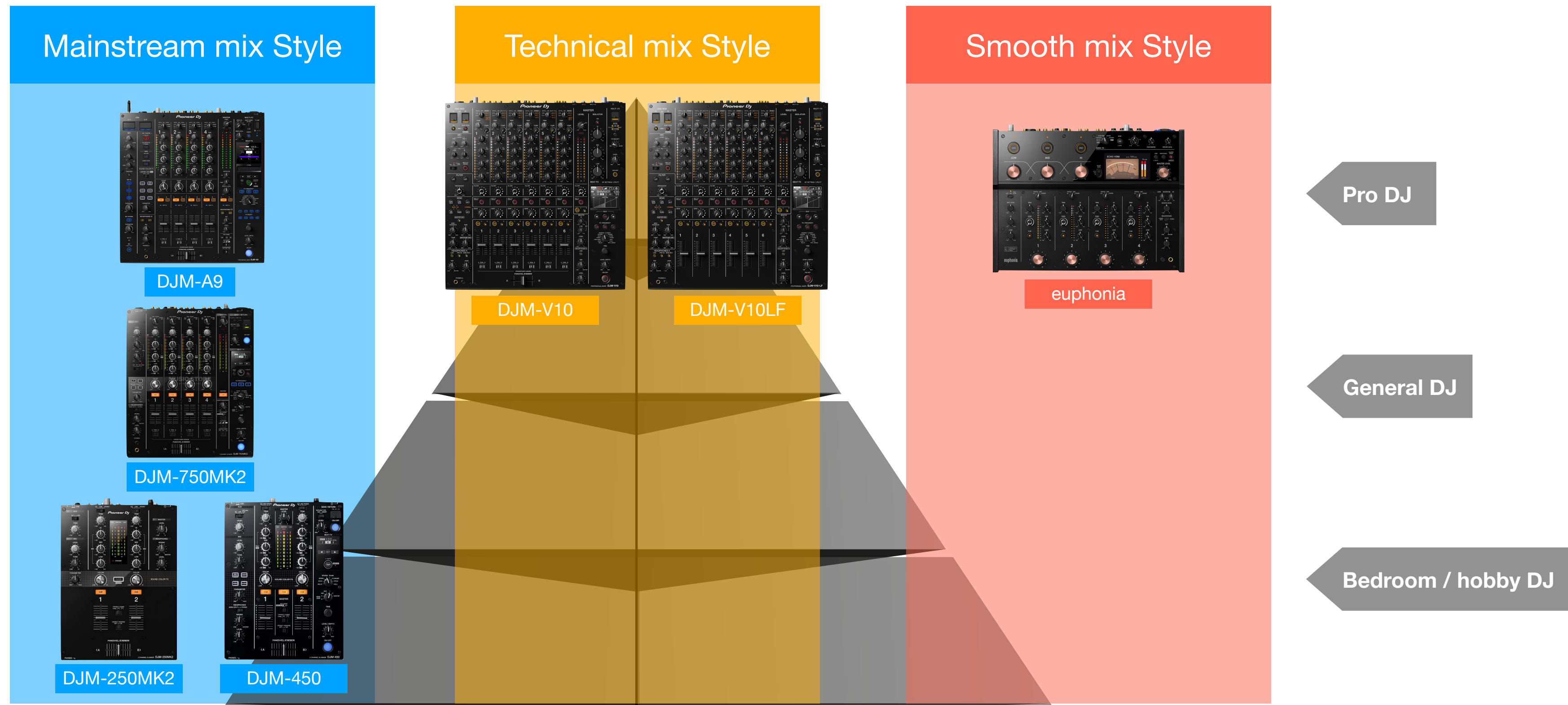


Sub: home



Sub : studio

euphonia matches the mixing style of rotary users, allowing artists to blend songs in an intuitive and smooth way, creating long and unique transitions.



FEATURES

LAYOUT





Boost Send button

Isolator

Mic Control

Channel send pot

Rotary Knobs

Send FX

Energy Visualiser

Master Insert

Master Volume

Booth EQ

Headphones Section

FEATURES



The industries first hybrid DJ mixer offering the benefits of both digital and analog circuitry

Hybrid Digital × Analog

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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.

The euphonia offers ultra-high sound quality due to the unique collaboration with Rupert Neve

The euphonia is a collaboration with Rupert Neve Designs, founded by late Rupert Neve, who is renowned for the development of high quality sound components featured in the creation of musical masterpieces down the years.

Many Rupert Neve’s audio design transformers played a central role in the sound creating process. Their products are characterised by a unique “NEVE sound” with warmth and thickness.



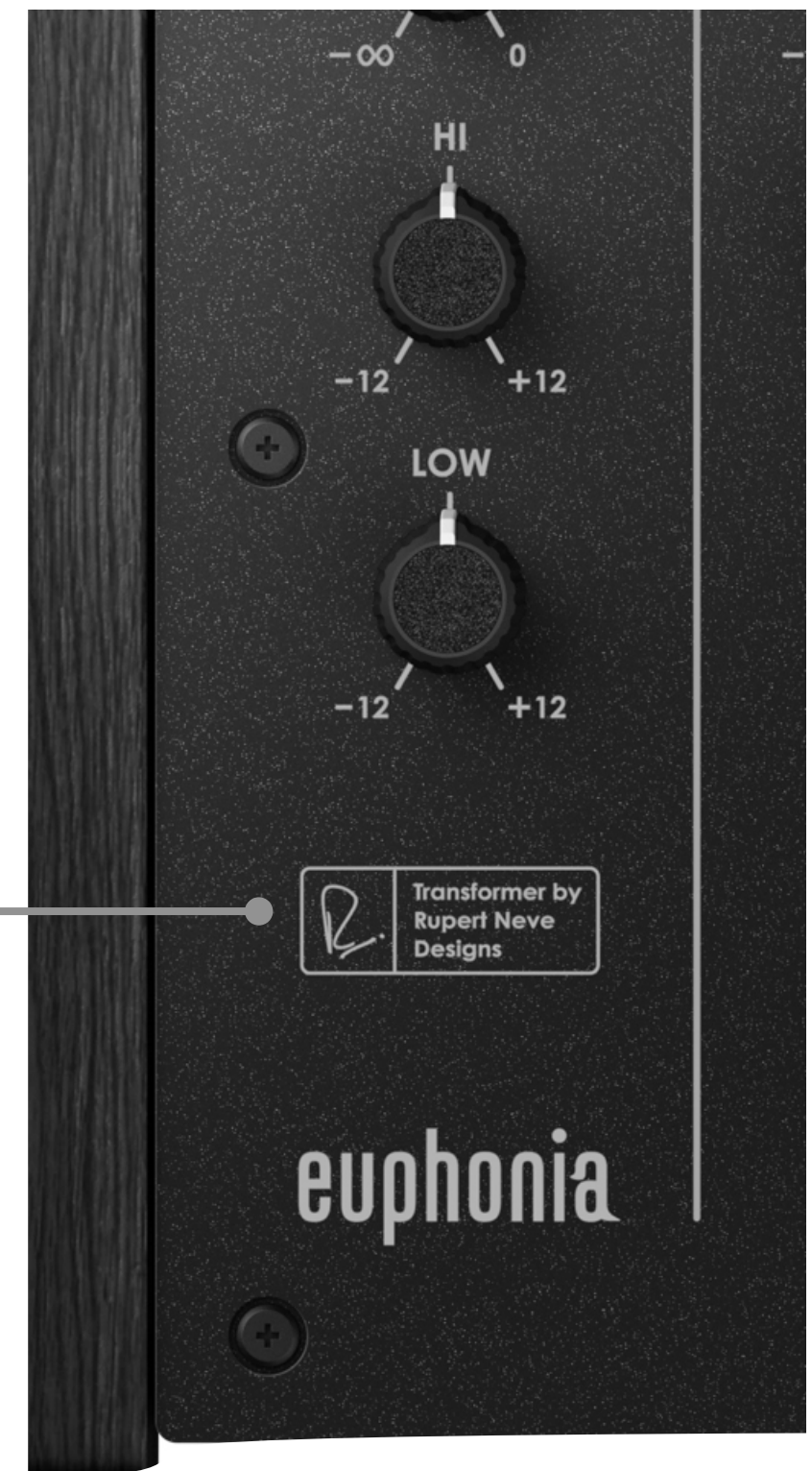
Bogner / Oxford



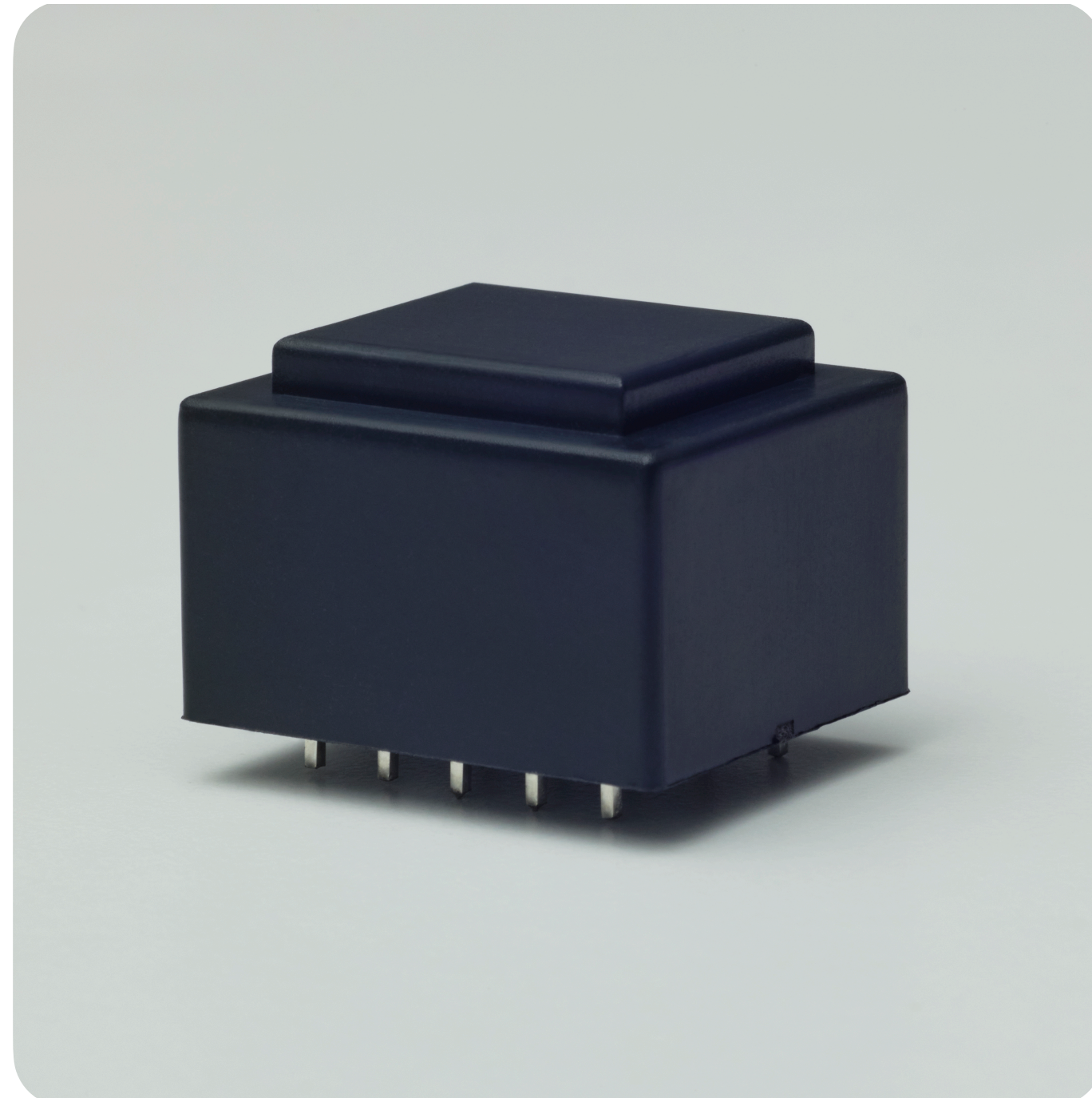
sE Electronics / RNT



Rupert Neve logo on the top surface



The euphonia offers ultra-high sound quality due to the unique collaboration with Rupert Neve



Among the analog components that add harmonic distortion, a transformer with a simple structure that can maintain maximum clarity is selected to provide analog warmth while also utilising the clear digital signal processing.

The smooth, natural highs are easy to listen to for long time, the glossy and rich midrange makes vocals and major instruments seem to come to forward, and the tight, weighted crisp low frequency range allows both DJ and audience to remain pleasantly euphoric with the music.

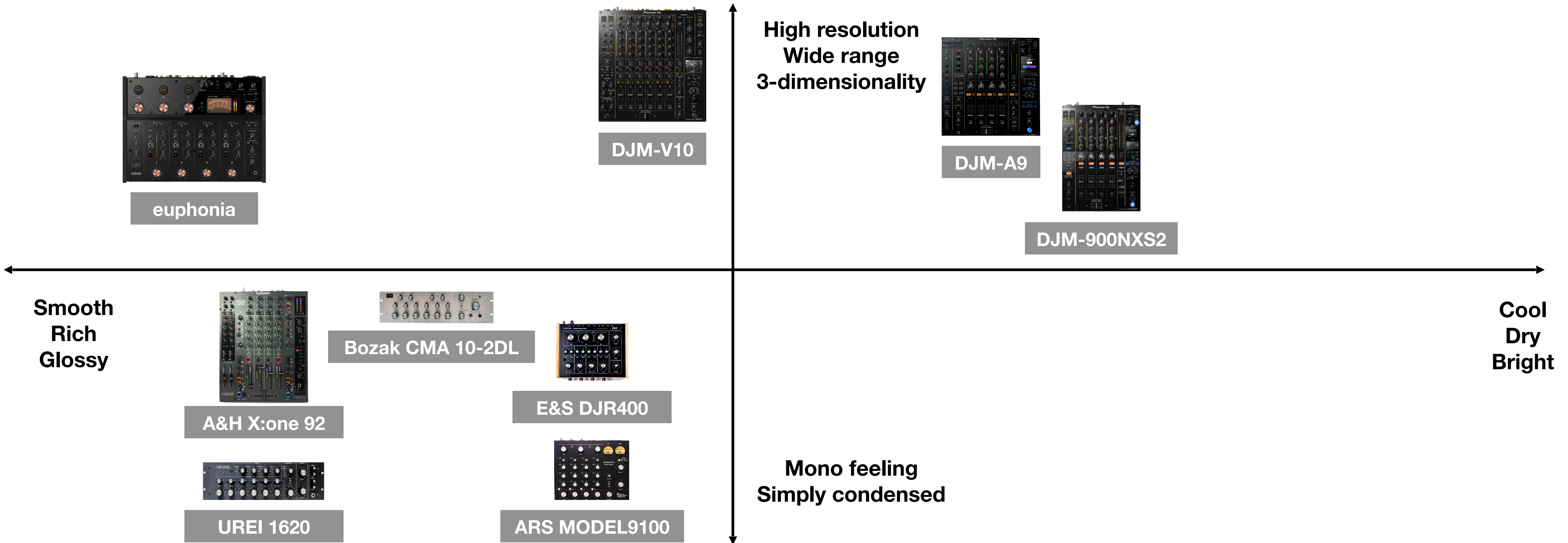
The transformer creates a sense of unity in mixing, its colouring maintains consistency in the overall sound character, and even when different sound sources are played, the sense of unity is not lost and the tracks blend smoothly with each other.

Harmonic distortion tends to sound like compression, and fills in the gaps between different tracks and creates a sense of unity in the mix as a whole.

High quality 32-bit AD/DA ESS technology converters are adopted, offering high-resolution processing for powerful, clear and high-quality sound

	DJM-V10	EUPHONIA	IMPROVEMENT
MIC AD CONVERTER	AK5358(24bit, 102dB)	PCM1803(24bit, 103dB)	Improved MIC sound quality by revising ADC/DAC and amplifier.
CH AD CONVERTER	AK557*(32bit, 121dB)	ES9842QPRO(32bit, 122dB)	Adopts 32-bit ADC by ESS Technology, known for its sound quality
RETURN CONVERTER	PCM1803(24bit, 103dB)	PCM1803(24bit, 103dB)	-
MASTER DA CONVERTER	ES9016(32bit, 124dB)	ES9026PRO(32bit, 124dB) Multi DAC	Adopts 32-bit DAC by ESS Technology, known for its sound quality (higher grade product of ES9016)
BOOTH DA CONVERTER	ES9016(32bit, 124dB)		
SEND INSERT DA CONVERTER	AK4359(24bit, 106dB)		
SEND EXTERNAL DA CONVERTER	AK4359(24bit, 106dB)	PCM1742KE(24bit, 104dB)	-
REC DA CONVERTER	AK4359(24bit, 106dB)	PCM1789(24bit, 113dB)	Improved REC sound quality by revising ADC/DAC and amplifier.
HEADPHONE DA CONVERTER	AK4382(24bit, 112dB) x2 Sets	PCM1789(24bit, 113dB)	Improved HEADPHONE sound quality by revising ADC/DAC and amplifier.

The euphonia offers an ultra-high performance sound quality, thanks to its hybrid sound that combines digital clarity with rich analog harmonics



The euphonia offers an ultra-high performance sound quality, thanks to its hybrid sound that combines digital clarity with rich analog harmonics

Mixer	euphonia	DJM-A9	DJM-V10
Main genre assumed to be played (reference)	House (raw sound), Disco, Funk	EDM, Electro/Bigroom House, Pops, Open Format	Techno, Electronica, Minimal
Sound character	<p>Musically enriched and glossy sound</p> <ul style="list-style-type: none"> The sound profile is narrower than that of the DJM-A9 and V10, but the energy is concentrated, giving thicker and denser sound, especially in low / low-mid frequencies such as kick or bass. As a guide, the sound is most saturated on the condition that CH peak level shows 6dB to 9dB and CH fader is set to 7. <p>The amount of saturation depends on the audio level to the transformer circuit, so that you can control sound character by fader operations.</p>	<p>Bright sound without harshness</p> <ul style="list-style-type: none"> The sound quality is clear and tight, with crisp and lively inflection (good groove). The sound is less coloured and all genres can be played comfortably, especially the mid/high extension of electronic instruments such as synths, the gurgling of the bass and the penetration of the tight kick into the body (the sound is not rounded and muddy) are pleasing to the ear. 	<p>High resolution and warm sound</p> <ul style="list-style-type: none"> The sound quality is warm, stable and calm, with a sense of refinement and stability because of three-dimensionality (depth, width, height), high S/N ratio (silence expression) and appropriate sound thickness. Excellent sound reproduction capability for beat-up sound sources with a low number of notes (with gaps in the track).

Specially developed rotary fader makes you feel at 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. You'll notice a difference in the feel of the knobs when you turn them at different speeds, as a higher load is applied when you turn a knob slowly for delicate fine-tuning and a lower load level is applied when you turn a knob quickly to instantly reach your intended volume level. And the fader volume curves have been optimized through feedback from numerous DJs, enabling smooth and natural mixing without equalizing, so you can concentrate on volume control. This innovative fader allows for musical expression that will move your audience and enhance your performance.

Master Isolator	CH Fader	Master Level
Diameter: 32.8mm Center to end	Diameter: 28.8mm End to end	Diameter: 28.8mm End to end

Energy Visualizer

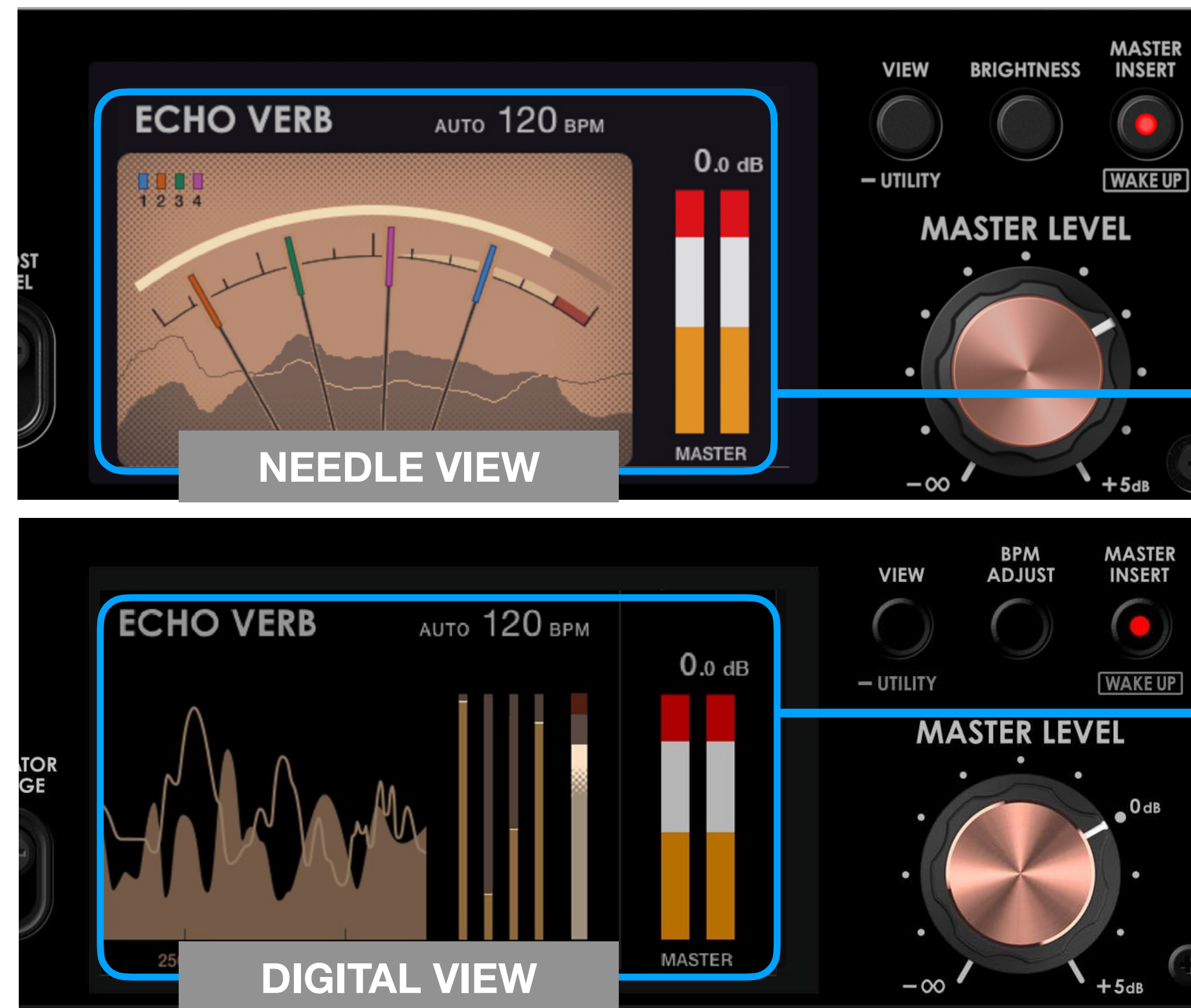


Energy Visualizer

euphonia is the first ever rotary mixer with built-in display, showing important information to artists providing a seamless performance.

You can choose different view modes (Needle View and Digital View), control channels and master sound levels easier, see Send FX information and adjust the mixer settings faster.

Energy Visualiser: View Modes



Press the [VIEW/UTILITY] button to switch between Needle View (default) and Digital View. You can adjust the brightness with the [BRIGHTNESS] button.

- **Needle View:** Shows the status of sound with the Mix Level Meter, meter needles, and Spectrum Analyser. The white stripe above represent the master level, and the coloured needles represent every channel.
- **Digital View:** Shows the status of sound with the Mix Level Meter in columns chart, the Master Level and Spectrum Analyser.

Energy Visualizer: Needle View

1. **Effect name**

Displays the selected effect.

2. **AUTO/TAP Displays**

[AUTO] when in automatic BPM measuring mode, and [TAP] when in manual BPM input mode.

- The BPM value blinks when it can't be measured correctly in the [AUTO] setting. Use the [TAP] mode if this happens.

3. **BPM value**

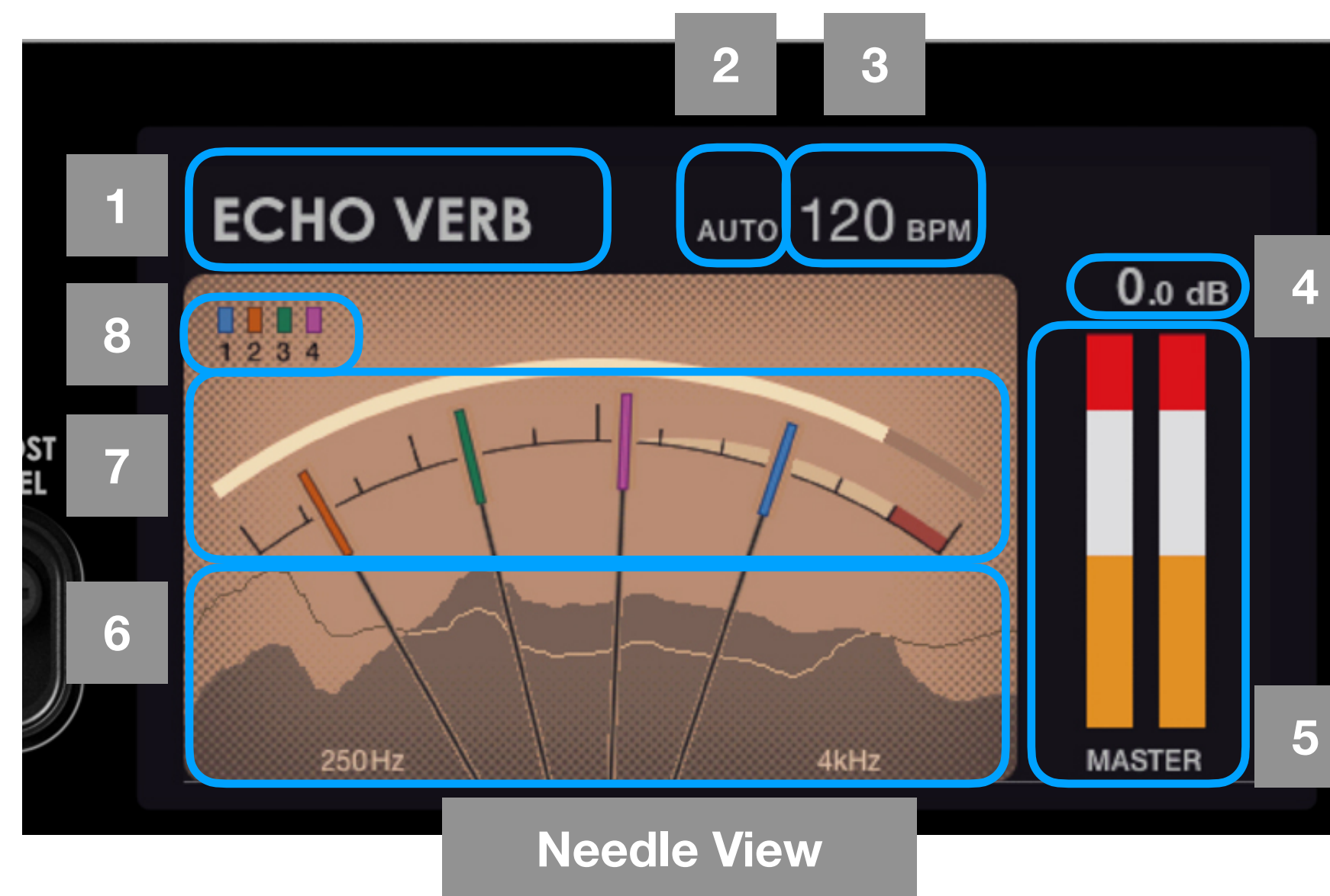
Displays the current BPM.

4. **Peak level**

Displays the peak level of the master sound output to the [MASTER]. It is highlighted in red when excessive volume is output.

5. **Peak level meter**

Displays the peak level in a meter for the master sound output to the [MASTER].



6. **Spectrum Analyzer**

Shows the frequency spectrum as follows:

- **Master sound:**

Shown by a spectrum with filled area. Doesn't reflect the setting of the [MASTER LEVEL] knob.

- **Mix sound:**

Shown by a spectrum with a line. Doesn't reflect the setting of the Master Isolator.

7. **Mix Level Meter**

Shows the volume of each channel with the needles, and the volume of the Master with the white stripe above. You can control the amount of saturation keeping the master level on the white range of the meter below.

8. **Channel Numbers**

Show the color of the needle assigned to every channel.

Energy Visualizer: Digital View

1. **Effect name**

Displays the selected effect.

2. **AUTO/TAP Displays**

[AUTO] when in automatic BPM measuring mode, and [TAP] when in manual BPM input mode.

- The BPM value blinks when it can't be measured correctly in the [AUTO] setting. Use the [TAP] mode if this happens.

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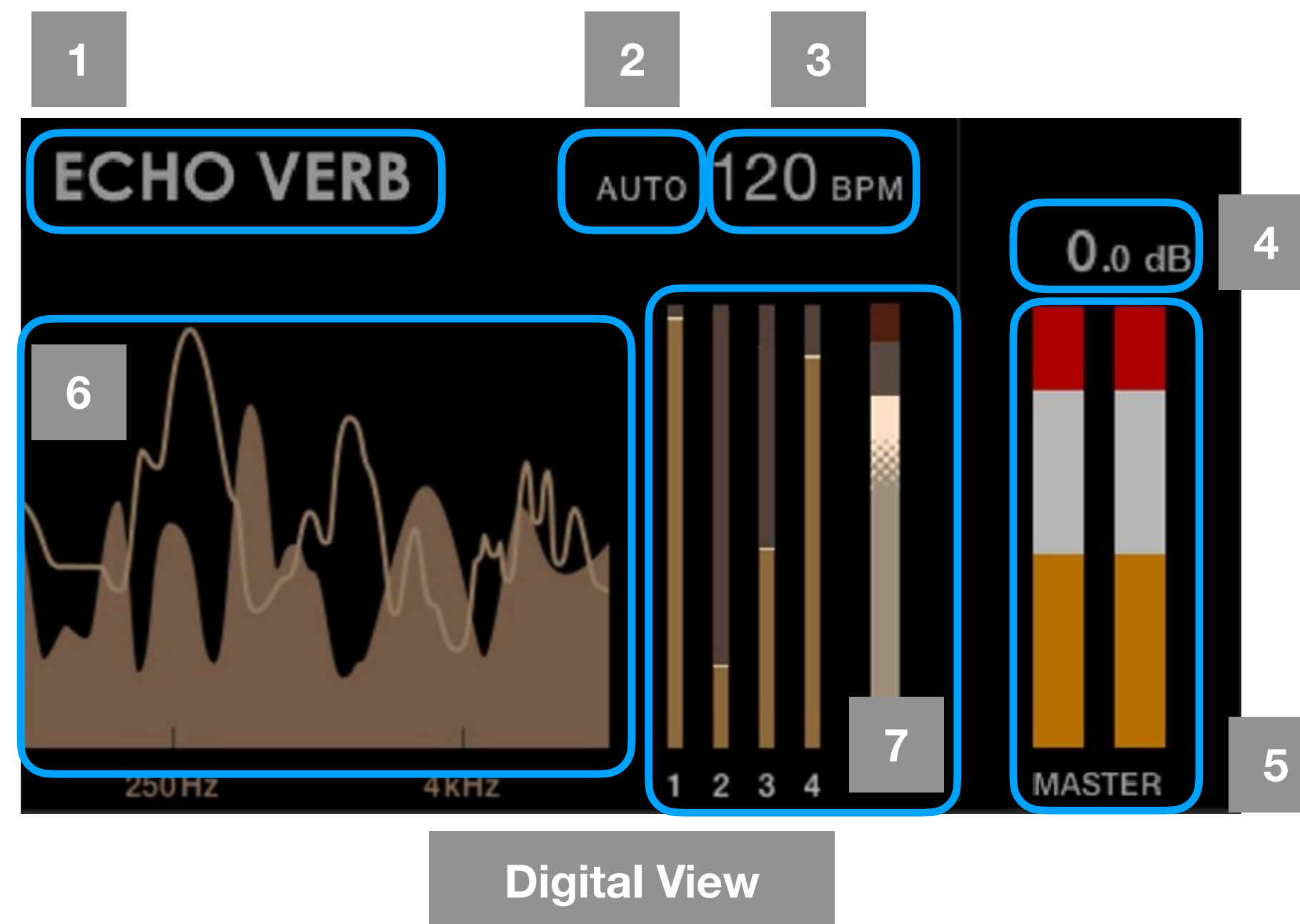
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7. **Mix Level Meter**

displays the volume of each channel (sound adjusted with the channel rotary fader) and the master sound in columns.

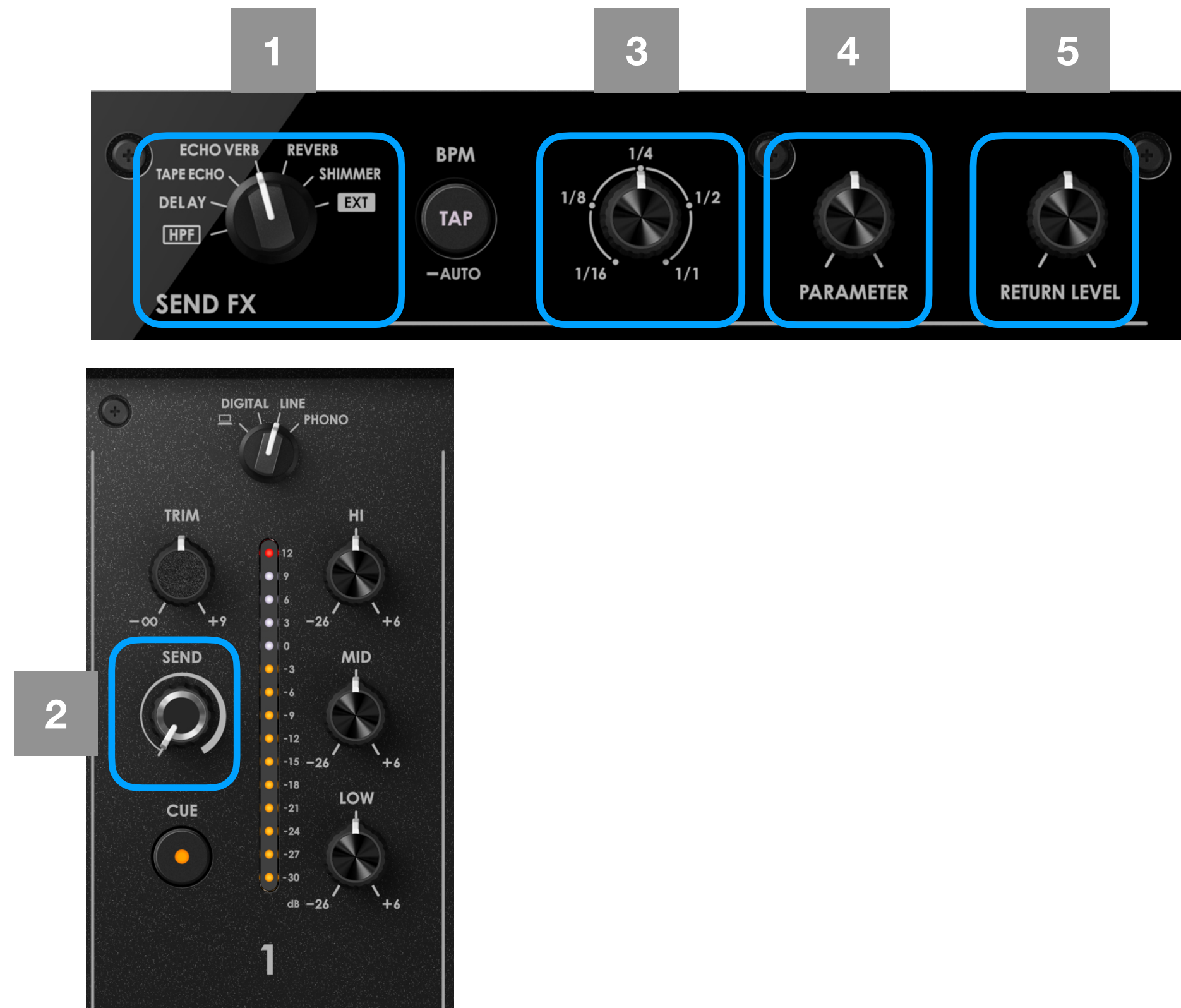
Built-in Send FX to bring depth and breadth to your sound



Send FX

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). There's also a Send/Return section which gives 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.

Applying BUILT IN SEND FX to the channel sound



1. Select the desired FX on the selector switch.
2. Turn a [SEND] knob adjusting the amount of signal sent to the FX.
3. Turn the [TIME] knob to select the FX time. If you adjust it to the beat fraction printed around the knob, you'll feel a click when using Delay, Tape Echo and Echoverb.
4. Move the [PARAMETER] knob to customize the FX sound.
5. Use the [RETURN] knob to adjust the amount of FX in the mix.

Applying High-Pass Filter (HPF) to the channel sound



HPF is applied to each channel when [HPF] is selected with the SEND FX selector switch.

1. Turn the SEND FX selector switch to select [HPF].

2. Turn a [SEND] knob to adjust the cut-off frequency.
 • Turning all the way counterclockwise outputs the original sound.

3. Turn the [PARAMETER] knob to adjust the resonance.
 • The following buttons and knobs are disabled when [HPF] is selected with the SEND FX selector switch.
 – [SEND (LOW, MID, HI)] buttons
 – [TIME] knob
 – [RETURN LEVEL] knob

Applying external FX units using SEND FX



To use external effects units with the SEND FX, connect as follows.

[SEND FX EXTERNAL SEND] terminals (output) → effects unit → [SEND FX EXTERNAL RETURN] terminals (input).

Select [EXT] on the FX selector switch, send signal and adjust the volume through the [RETURN LEVEL] pot. The [TIME] and [PARAMETER] pots are disabled.



Built in SEND FX: types and settings

Effect	Description	SEND	TIME	PARAMETER
HPF	Applies High-Pass Filter to the channel sound.	Cut-off frequency for filter	N/A	Resonance
DELAY	Adds clear delay sound.	SEND level	Delay time with respect to 1 beat of the BPM (beat fraction): 1/16 to 1 beat	Feedback
TAPE ECHO	Adds delay sound with fluctuation and saturation.	SEND level	Delay time with respect to 1 beat of the BPM (beat fraction): 1/16 to 1 beat	Feedback
ECHO VERB	Adds clear delay sound and reverberation.	SEND level	Delay time and reverberation with respect to 1 beat of the BPM (beat fraction): 1/16 to 1 beat	Balance between delay sound and reverberation
REVERB	Adds reverberation.	SEND level	Reverberation time	Tone
SHIMMER	Adds a sparkling reverberation.	SEND level	Reverberation time	Sparkling effect

- When using HPF, the TIME and [RETURN LEVEL] knobs are disabled.
- When using Delay, Tape Echo or Echo Verb, the TIME knob clicks if you adjust it to the beat fraction printed around the knob.
- When using EXT, the TIME and [PARAMETER] knobs are disabled.

EXT	SEND
Adds an effect sound from an external effects unit that's connected to the [SEND FX EXTERNAL SEND] and [SEND FX EXTERNAL RETURN] terminals.	SEND Level

Master Insert



Master Insert

Apart from the Send FX, you can use an external FX unit (such as RMX-1000) via MASTER INSERT. Just connect [INSERT SEND] terminals (output) → effects unit → [INSERT RETURN] terminals (input).

When connected, just turn on by pushing [MASTER INSERT] button.



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- **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.




Master Isolator section: Overall



- SEND (LOW, MID, HI) indicators**
Lights up when an effect is applied to that frequency band.
- SEND (LOW, MID, HI) buttons**
Selects the frequency band of the master sound to apply an effect to.
- LOW, MID, HI knobs**
Adjusts the volume of each frequency band in the following range:

 - [LOW]: $-\infty$ dB to the maximum level set with the [BOOST LEVEL] switch.
 - [MID]: $-\infty$ dB to the maximum level set with the [BOOST LEVEL] switch.
 - [HI]: $-\infty$ dB to the maximum level set with the [BOOST LEVEL] switch.

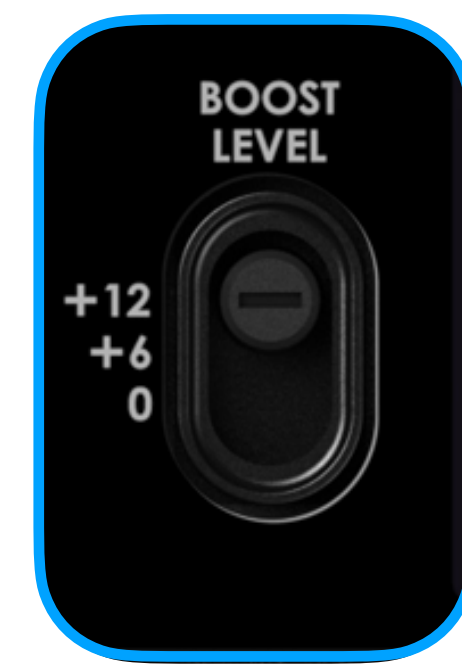
Master Isolator section: Specs

Brand / Model	AlphaTheta euphonia	Pioneer DJ DJM-V10	Pioneer DJ DJM-A9
			
ACTIVE POSITION	MASTER	MASTER	CH (EQ/ISO)
CROSSOVER FREQUENCY LOW/MID, MID/HI	250Hz / 3500Hz	150Hz / 2200Hz	284Hz / 3150Hz
SLOPE	18dB / oct	18dB / oct	24dB / oct
BOOST LEVEL	Selective (0dB / +6dB / +12 dB)	+9dB	+6dB

The reconstructed and fine-tuned Isolator for euphonia allows you to operate it in a more musical way.

- 1. Crossover frequency:** works well for target genres (such as raw genres).
- 2. Slope:** provides a sense of performance and a sound that is not too aggressive keeping the atmosphere of the original song.
- 3. Boost level:** high gain operation familiar for rotary users, adding a specific 0dB position for Boost Send operations.
- 4. Operability:** a suitable design regarding shape and material is adopted for comfortable and smooth feeling. Crossover frequencies had been adjusted, and the diameter had been increased to 32.8mm

Master Isolator section: Boost Level



BOOST LEVEL switch

Sets the maximum volume that can be adjusted with the Master Isolator.

- +12: can be adjusted up to +12dB.
- +6: can be adjusted up to +6dB.
- 0: can be adjusted up to 0dB.

Master Isolator section: Boost Send



1. Set up the desired FX on the Send FX section. HPF doesn't work with Boost Send feature.

2. Select the frequency band of the master sound to apply FX to. The selected button will light up.

3. Turn the [LOW, MID or HI] knob to the right to send that frequency to the Send FX. You can adjust the max amount send with [BOOST RANGE], and adjust the FX Volume with [RETURN LEVEL]

Booth EQ



Booth EQ reduces fatigue during long DJ sets by adjusting the booth monitors sound.

You can use LOW / HI knobs to adjust the volume of each frequency band from -12dB to +6dB.

Booth EQ

COMPARISON



FUNCTION COMPARISON CHART 1/2

	Brand	AlphaTheta	Pioneer DJ	Pioneer DJ	UREI	E&S	Alpha Recording	Rane	Union Audio	Mastersounds
General	Model	euphonia	DJM-A9	DJM-V10	1620	DJR400	MODEL 9100 BW	MP2015	Orbit 6	Four Valve MK2
	Release Date	Feb 2024	Mar 2023	Feb 2020	1982	2010	2021	2015	2022	2023
	Date of SRP	Oct 2023	Jul 2023	Jul 2023	Jul 2023	Jul 2023	Jul 2023	Jul 2023	Sep 2023	Sep 2023
	SRP	3,799 €	2,799 €	3,499 €	Discontinued	4,000 €	3,400 €	Discontinued	5,490 €	2,695 €
	Weight	9,5kg	10,2kg	11,9kg	6,0kg	2,8kg	4,9kg	5,8kg	N/A	N/A
	Design		OLDSCHOOL x NIGHTCLUB	NIGHTCLUB	NIGHTCLUB	OLDSCHOOL	OLDSCHOOL x Portability	OLDSCHOOL	NIGHTCLUB	OLDSCHOOL
Sound Quality	DAC	32bit ES9026PRO	32bit ES9026PRO	32bit ES9016	Analog	Analog	Analog	24bit @ 44,1kHz	Analog	Analog
	ADC	32bit ES9842QPRO	32bit ES9842QPRO	32bit AK557				24bit @ 44,1kHz		
	DSP	Yes	No	No				?? kHz / 32bit		
	Transformer	2	No	No				2		
Mixing	Trim	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes
	EQ	3 band	3 band	4 band	2 band	2 band	3 band (low ISO)	3 band (ISO)	No	3 band
	CH Fader	New Rotary Fader	Lineal Fader	Lineal Fader	Rotary Fader	Rotary Fader	Rotary Fader	Rotary Fader	Rotary Fader	Rotary Fader
	Cross Fader	No	3rd gen Magvel	3rd gen Magvel	No	No	No	No	No	Yes
FX	Sound Color	No	6	Filter, HPF and LPF	No	No	No	Filter 3 types *not CFX	HPF *not CFX	HPF *not CFX
	Beat FX	No	14 types	14 types	No	No	No	No	No	No
	Send FX	Built-in 6 types, 1 External	No	Built-in 4 types, 2 External	No	1 External (only S/R or Ext can be used)	1 External	No	1 External	1 External (only S/R or Ext can be used)
	Master ISO	3 Band + Boost Send	No	3 Band	No	3 Band	3 Band	3 Band w/ Crossover Adjust	3 Band	3 Band
	Send / Return	Master Insert	Multi IO (CH Select)	Multi IO (CH Select)	1x S/R	1x S/R (only S/R or Ext can be used)	1x S/R	1x S/R (FX Loop)	Master Insert	1x S/R (only S/R or Ext can be used)

FUNCTION COMPARISON CHART 2/2

	Brand	AlphaTheta	Pioneer DJ	Pioneer DJ	UREI	E&S	Alpha Recording	Rane	Union Audio	Mastersounds
General	Model	euphonia	DJM-A9	DJM-V10	1620	DJR400	MODEL 9100 BW	MP2015	Orbit 6	Four Valve MK2
	Release Date	Feb 2024	Mar 2023	Feb 2020	1982	2010	2021	2015	2022	2023
	Date of SRP	Oct 2023	Jul 2023	Jul 2023	Jul 2023	Jul 2023	Jul 2023	Jul 2023	Sep 2023	Sep 2023
	SRP	3,799 €	2,799 €	3,499 €	Discontinued	4,000 €	3,400 €	Discontinued	5,490 €	2,695 €
	Weight	9,5kg	10,2kg	11,9kg	6,0kg	2,8kg	4,9kg	5,8kg	N/A	N/A
	Design		OLDSCHOOL x NIGHTCLUB	NIGHTCLUB	NIGHTCLUB	OLDSCHOOL	OLDSCHOOL x Portability	OLDSCHOOL	NIGHTCLUB	OLDSCHOOL
GUI	Display Size	4.3inch Color LCD	2.7inch Color LCD	3.5inch Color LCD						
	Content	Send FX, Mix Level Meter, Spectrum Analyzer, Master Level Meter	Beat FX	Beat FX	No	No	No	No	No	No
I/O Terminal	LINE	4	4	6	8	4	4	5	8	4
	PHONO	4	4	4	2	4	4	4	4	4
	DIGITAL IN	4	4	6	No	4	No	5	No	No
	PC	Type C x1	Type C , Type B x2	Type B x2	No	No	No	Type B x2	No	No
	Bluetooth	No	Yes	No	No	No	No	No	No	No
	Headphones	1 set	2 set	2 set	1 set	1 set	1 set	1 set	1 set	1 set
	MIC	1 (Dynamic)	2 (Condenser/ Dynamic)	2 (Dynamic)	1 (Dynamic)	No	No	1 (Dynamic)	1 (Dynamic)	2 Dynamic)
Reliability	Lockable PW	Yes	Yes	Yes	No	No	No	No	No	No
	Booth EQ	Yes	Yes	Yes	No	No	No	No	Yes	No
	Master Limiter	Yes (Fix)	Yes	Yes	No	No	No	N/A	No	No

SPECIFICATION



General	Power requirements	AC 110 V – 240 V, 50 Hz/60 Hz		
	Power consumption	43 W		
	Power consumption (off)	0.2 W		
	Main unit weight	9.5 kg/20.94 lbs		
	Max. external dimensions	(W × D × H) 429.2 × 331.0 × 119.9 mm/16.90" × 13.03" × 4.72"		
	Tolerable operating temperature	+5 °C – +35 °C (+41 °F – +95 °F)		
	Tolerable operating humidity	5 % – 85 % (no condensation)		
Audio section	Sampling rate	96 kHz		
	MASTER, BOOTH, SEND (MASTER INSERT) D/A converter	32bit		
	CH input A/D converter	32bit		
	Other A/D and D/A converters	24bit		
	Frequency characteristic	LINE	20 Hz – 40 kHz	
		USB, DIGITAL IN	107 dB	
		S/N ratio (rated output, A-WEIGHTED)	PHONO	88 dB
			LINE	105 dB
	Standard input level/Input impedance	MIC	79 dB	
		PHONO	-52 dBu/47 kΩ	
		LINE	-12 dBu/47 kΩ	
		MIC	-57 dBu/ 3.5 kΩ	
	Max. input level	RETURN	-12 dBu/47 kΩ	
		PHONO	-17.8 dBu	
		LINE	+15 dBu	
		MIC	+2 dBu	
	Standard output level/Load impedance/Output impedance	RETURN	+12 dBu	
		MASTER	+6 dBu/10 kΩ/360 Ω	
		REC OUT	-8 dBu/10 kΩ/700 Ω	
		BOOTH	+6 dBu/10 kΩ/360 Ω	
		SEND (EXTERNAL)	-9 dBu/10 kΩ/700 Ω	
		SEND (MASTER INSERT)	-12 dBu/10 kΩ/700 Ω	
	Rated output level/Load impedance	PHONES	+8 dBu/32 Ω/1 Ω or lower	
		MASTER	+25 dBu/10 kΩ	
	Crosstalk	BOOTH	+25 dBu/10 kΩ	
		LINE	82 dB	
		HI	-26 dB – +6 dB (20 kHz)	
	Channel equalizer characteristic	MID	-26 dB – +6 dB (1 kHz)d	
		LOW	-26 dB – +6 dB (20 Hz)	
		HI	-12 dB – +12 dB (10 kHz)	
	Microphone equalizer characteristic	LOW	-12 dB – +12 dB (100 Hz)	
		HI	-12 dB – +12 dB (10 kHz)d	
BOOTH equalizer characteristic	LOW	-12 dB – +12 dB (100 Hz)		
	HI	-12 dB – +12 dB (10 kHz)d		
MASTER ISOLATOR characteristic	Slope	18 dB/oct		
	Cut/Boost Ddd	OFF – X dB (X = 0, +6, +12)		
	Crossover Freq	250 Hz/3.5 kHz		

Input/Output terminals	PHONO input terminal RCA pin jacks	4 sets
	LINE input terminal RCA pin jack	4 sets
	MIC input terminal	1 sets
	RETURN input terminal 1/4" TS jack	2 sets
	DIGITAL IN coaxial input terminal RCA pin jacks	4 sets
	MASTER output terminal XLR connector	1 sets
	BOOTH output terminal 1/4" TRS jack	1 sets
	REC OUT output terminal RCA pin jacks	1 sets
	SEND output terminals 1/4" TS jack	2 sets
	PHONES output terminal 1/4" stereo jack / 3.5 mm stereo mini jack	1 sets / 1 sets
	USB terminal USB Type-C	1 sets

FAQ



1. How can I update the firmware of euphonia?

- Turn on the power while pressing “View” and “Master Insert” buttons.
- Connect to the PC/Mac via USB-C with the update app downloaded.
- Run the update application on PC/Mac (euphoniaUpdate.exe/app).

2. Which DJ applications can I use with euphonia?

This unit is compatible with rekordbox for Mac/Windows and Serato DJ Pro.

- **rekordbox for Mac / Windows:** to DJ and use DVS, use Performance Mode. DVS is included as a Hardware Unlock feature, so you can use it without an additional subscription.
- **Serato DJ Pro:** by purchasing Serato DJ Club Kit separately, you can use Serato DJ’s DVS function. For more information, visit <https://serato.com>

3. Which is the recommended position to set the channel rotary faders?

Normally, you’ll set the fader for the channel you’re playing between [7] and [10] positions, depending on how much you want the transformer to modify the timbre of the sound. The amount of input sent to the transformer can be seen through the Mix Level Meter on the screen.

4. Can the REC OUT output be set as Master 2?

Yes, you can switch between both as well as including or excluding the microphone via Utility Settings menu.

SUMMARY



PR DATE : 14th March 2024

SRP : €3799 | £3249 | \$3799

KEY FEATURES

- Euphoric sound with digital clarity and analog polish provided by the Rupert Neve Designs transformer.
- Specially developed rotary fader makes you feel at one with the music.
- Energy Visualizer for understanding overall sound at first glance.
- Next-generation 3Band Master Isolator that transforms sensibility into sound at your will.
- Built-in Send FX to bring depth and breadth to your sound.

OVERVIEW

All-new 4-channel hybrid rotary mixer providing a euphoric musical experience that combines the clarity of digital and the richness of analog.



THANK YOU

