

NUO4.0F

DJ MIXERS

Four Channel Analogue DJ Mixer



PRODUCT OVERVIEW

To mark its 60th anniversary and celebrate 20 years of the iconic NUO series (2005–2025), Ecler introduces the **NUO4.0F** - a professional analog DJ mixer that fuses the brand's legacy sound with forward-thinking features tailored for today's most demanding DJs.

The NUO4.0F includes two analog VCF filters with variable resonance, assignable to any channel - including the effects return - offering DJs expanded creative control across all styles of club-oriented electronic music.

In response to the growing popularity of back-to-back DJ sets, the NUO4.0F features two fully independent PFL systems, enabling two DJs to pre-listen to any channel simultaneously, with split mode functionality for precise cueing.

Designed with turntablism and advanced scratching techniques in mind, it offers extensive fader and crossfader customization options. It also supports the ETERNAL magnetic crossfader.

Available in two finishes - black and silver - the NUO4.0F's exterior design reflects its premium internal architecture, crafted by Domingo Mele, the legendary engineer behind many of Ecler's iconic mixers. Proudly made in Barcelona, the NUO4.0F is both a tribute to timeless engineering and a tool for future generations.

With the NUO4.0F, Ecler celebrates six decades of audio innovation and two decades of one of its most beloved product lines. Built to last. Made to inspire.

KEY FEATURES

- 4 Mixing channels.
- 4 PHONO/LINE inputs + 1 AUX input.
- 1 MICRO input on XLR/Jack combo connector.
- Master/Booth Output on XLR and RCA connectors.
- 2 independents headphone PFL outputs, specially designed for B2B.
- 2 HP/LP VCF Filters with variable resonance.
- Maximum Output without distortions: 21dBV (23dBu).
- FX Send control and Pre/Post fader selector per channel.
- FX Return control with PFL.
- Master Insert on 6.3mm Jacks.
- 60mm Ecler Faders with fading curve control.
- Suitable for Ecler ETERNAL crossfader.

APPLICATIONS

- Night Clubs
- DJs studios
- Itinerant DJ performances

CERTIFICATIONS

- FCC

OPTIONAL ACCESSORIES

- [ETERNAL](#)



TECHNICAL SPECIFICATIONS

NUO4.0F

AUDIO PERFORMANCES

Inputs				
	Number of Inputs	LINE	5 Stereo Unbalanced Inputs	
		PHONO	4 Stereo Unbalanced Inputs	
		MICRO	1 Mono Balanced Inputs	
		FX RETURN	1 Stereo Unbalanced Input	
	Connectors type	LINE 1-2-3-4	RCA STEREO	
		PHONO 1-2-3-4	RCA STEREO	
		AUX	RCA STEREO	
		MICRO 4	Combo XLR3F-6.3mm TRS BAL	
		FX RETURN	RCA STEREO	
	Inputs Sensitivity nom/Impedance	LINE	0dBV/50kΩ	
		PHONO	-40dBV/50kΩ	
		MICRO	-50dBV/>1kΩ	
		FX RETURN	0dBV/>6kΩ	
	Performances			
		Frequency Response	LINE	10Hz÷30kHz -1dB
			MICRO	10Hz÷25kHz -1dB
PHONO			RIAA ±0.5dB	
FX RETURN			10Hz÷50kHz -1dB	
THD+N		LINE	<0.03%	
		MICRO	<0.08%	
		PHONO	<0.08%	
		FX RETURN	<0.003%	
CMMR		MICRO	>75dB @ 1kHz	

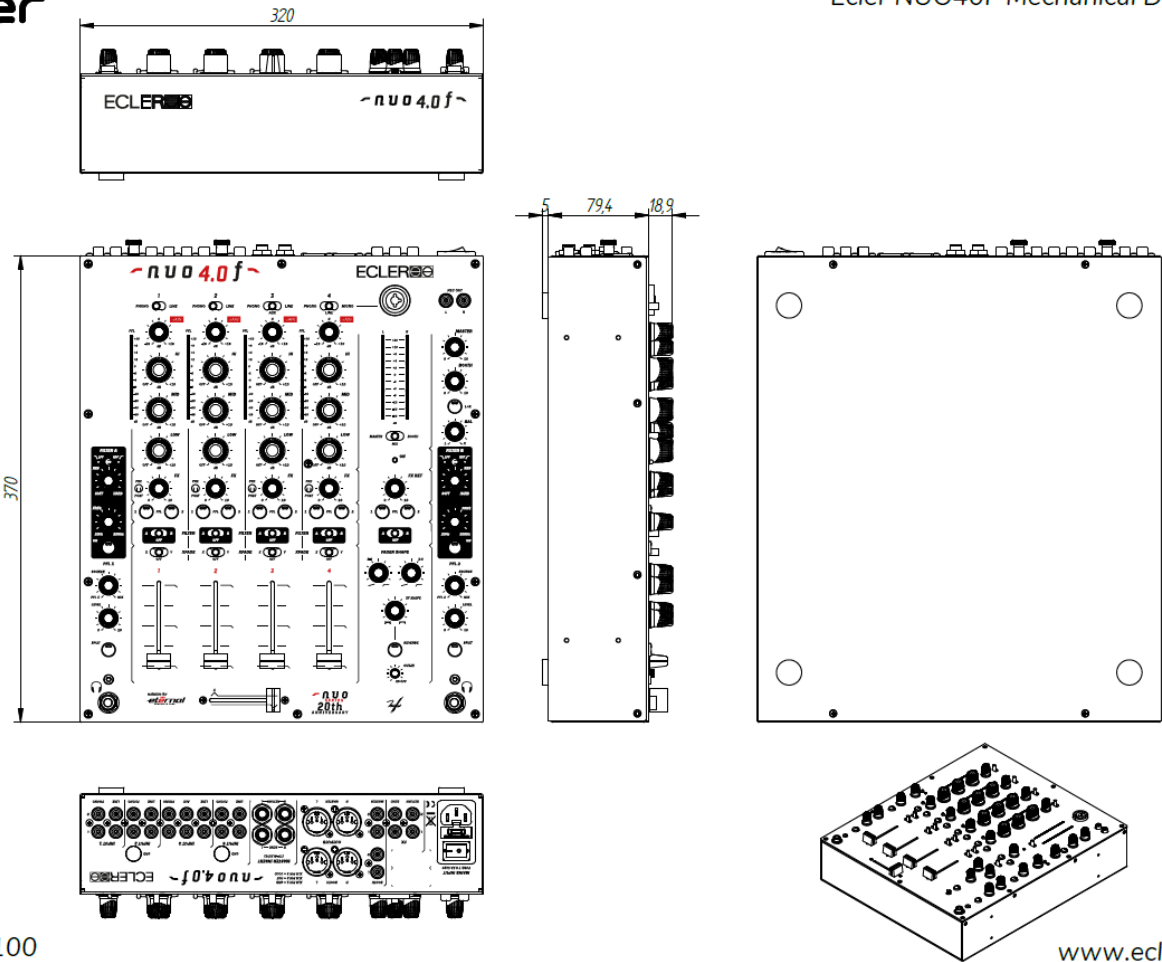
Signal Noise Ratio	LINE	>103dB
	MICRO	>85dB
	PHONO	>90dB
	FX RETURN	>110dB
Trim control	INPUTS 1-2-3-4	± 15dB
Tone control Inputs 1-2-3-4	BASS	+10/-30dB
	MID	+10/-25dB
	TREBLE	+10/-30dB
Tone cut frequency at -6dB (slope 12 dB/oct)	BASS	200Hz
	MID	200Hz÷6.8kHz
	TREBLE	6.8kHz
VCF Filters	Frequency	20Hz÷20kHz
	Max Resonance	+12dB
Outputs		
Number of Outputs	HOUSE	1 Stereo Balanced Outputs 1 Stereo Unbalanced Outputs
	BOOTH	1 Stereo Balanced Outputs 1 Stereo Unbalanced Outputs
	HEADPHONE	4 Stereo Unbalanced Outputs (2 independents PFL)
	FX SEND	1 Stereo Unbalanced
	REC	1 Stereo Unbalanced
Connectors Type	HOUSE	XLR3-M STEREO RCA STEREO
	BOOTH	XLR3-M STEREO RCA STEREO
	HEADPHONE	2 Jack Stereo 6.3mm 2 Jack Stereo 3.5mm
	FX SEND	RCA STEREO
	REC	RCA STEREO
Outputs Level/Minimum Load	HOUSE (BAL)	0dBV/600Ω 1V *(+12dB 4V)
	HOUSE (UNBAL)	0dBV/2.2kΩ 1V *(+12dB 4V)
	BOOTH (BAL)	0dBV/2.2kΩ 1V *(+12dB 4V)
	BOOTH (UNBAL)	0dBV/2.2kΩ 1V *(+12dB 4V)
	REC	0dBV/10kΩ
	HEADPHONES	200mΩ/200Ω THD 1%
	FX SEND	0dBV/2.2kΩ
Max Undistorted Output Level	HOUSE (Electr.BAL)	21dBV (23dBu)
	BOOTH (Electr.BAL)	21dBV (23dBu)
	HOUSE (UNBAL)	21dBV (23dBu)
	BOOTH (UNBAL)	21dBV (23dBu)
MISCELLANEOUS		
Control Mode	60mm long faders by Ecler	
Phantom Voltage	18VDC/5mA Max (Default ON)	
Input VU-Meter	LED 12 segments (-38dBV ÷ +10dBV)	
House-Mix-Booth VU-Meter	LED 12 segments (-30dBV ÷ +20dBV)	

ELECTRICAL		
Power Supply	Internal	
AC Mains Voltage	90-264VAC 47-63Hz	
AC Main Connector	15A IEC inlet connector	
Rated power consumption	37 VA	
PHYSICAL		
Operating Temperature	Min: -5°C ; 23°F Max: 45°C ; 113°F	
Operating Humidity	20 - 90% RH (no condensation)	
Storage Temperature	Min: -10°C ; 14°F Max: 50°C ; 122°F	
Storage Humidity	<90% RH (no condensation)	
Installation Options	Desktop or Rack mount with optional accessories	
Included Accessories	IEC Cable / 8 RCA caps for unused phono inputs.	
Optional Accessories	Ecler ETERNAL crossfader	
Dimensions (WxHxD)	320 x 79.4 x 372 mm / 12.60 x 3.13 x 14.65 in	
Weight	4.72 Kg / 10.41 lb	
Shipping Dimensions (WxHxD)	495 x 175 x 435 mm / 19.49 x 6.89 x 17.13 in	
Shipping Weight	6.14 Kg / 13.54 lb	

MECHANICAL DIAGRAM



Ecler NUO40F Mechanical Diagram



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All product characteristics are subject to variation due to production tolerances. **NEEC AUDIO BARCELONA S.L.** reserves the right to make changes or improvements in the design or manufacturing that may affect these product specifications.

For technical queries contact your supplier, distributor or complete the contact form on our website, in [Support / Technical requests](#).

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