

ESOTERIC

High-end Audio Components 2022

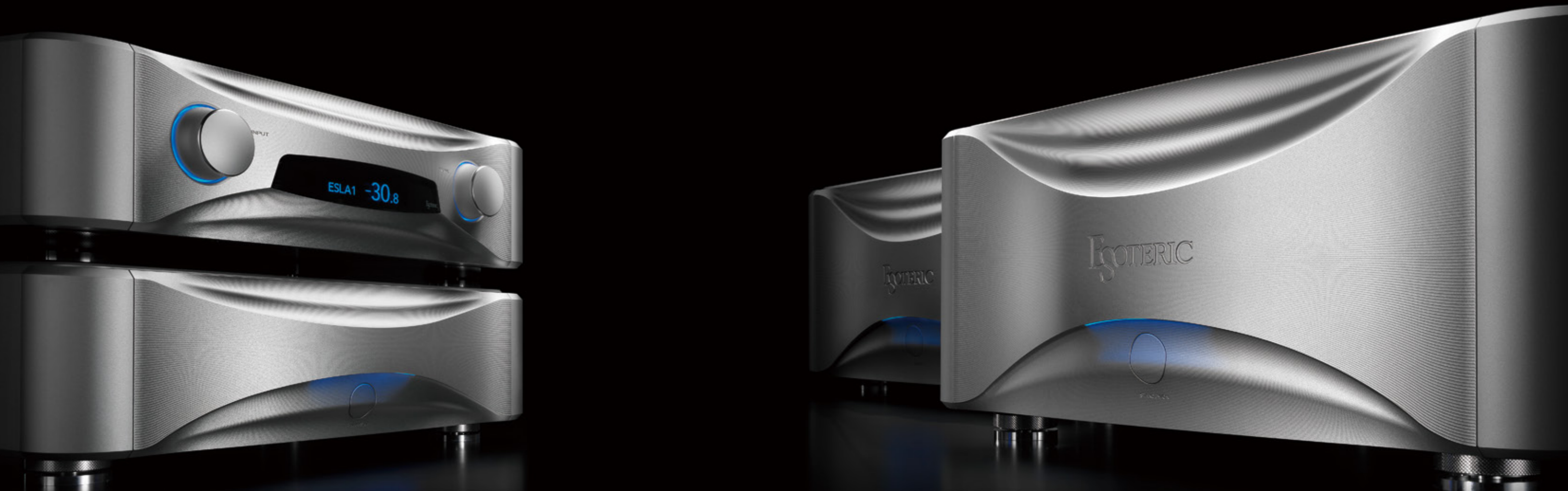


*The flagship model named "Grandioso"*

Our goal was to push the outer limits of what audio components can be. We arrived at the ideal manifestation of audio engineering. For those searching for a profound experience of sound and music, this is a masterpiece that knows no compromise or equal. The culmination of all ESOTERIC's knowledge and skill is distilled within this, the new summit of our expertise.

There is a musical term that celebrates the majestic: Grandioso\*.

\* Grandioso (music): Grand or noble.



*Grandioso C1X* Linestage Preamp

An all new preamp employing ultra precise attenuator and integrated discrete amplifier modules that define new horizon of ESOTERIC amplifiers for new era.



*Grandioso M1X* Monoblock Amplifier

Faithfully reproduce the dynamics of music. A monaural power amplifier gifted with a driving force that deserves for the flagship model.

“Grandioso” – supremacy in audio engineering.

*Grandioso P1X* Super Audio CD Transport

Accommodating a newly developed drive mechanism the “VRDS-ATLAS”, an ESOTERIC ultimate Super Audio CD transport.



*Grandioso D1X* Monoblock D/A Converter

Equipped with the “Master Sound Discrete DAC”, an ESOTERIC’s completely original design. The ultimate D/A converter with a monaural structure.



Sold in stereo configuration as shown.



*Grandioso K1X* Super Audio CD Player

The VRDS-ATLAS, and Master Sound Discrete DAC. Now, fruited to an integrated Super Audio CD player in the name of Grandioso.



*Grandioso PS1* External Power Supply

A dedicated external reinforced power supply unit that further enhances the music playback potential of the Grandioso K1X.

\* Modification is required on the K1X at the authorized service centre.

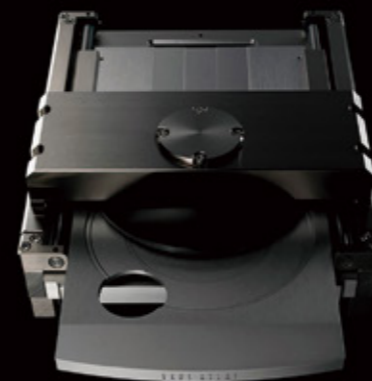
*Grandioso G1X* Master Clock Generator

A reference model for the master clock generator that employs all-new Master Sound Discrete Clock developed by ESOTERIC.

TWO REVOLUTIONS

Master Sound Discrete DAC

Unattainable by integrated chips, our goal was to assemble carefully selected and tested discrete components into a complete circuit that could perfectly reproduce all the dynamics and energy of music. Our top engineering teams put their pride on the line to design and produce a quality of sound that can only be found in the Master Sound Discrete DAC discrete D/A converter.



VRDS ATLAS

The Greek god Atlas held the skies on his shoulders as he stood at the centre of the heavens. This peerless new Esoteric system has been designed from the ground up to showcase a unique innovation; a completely new VRDS-ATLAS transport.



## Super Audio CD Players



**K-01XD** Super Audio CD/CD Player

Finally, the K-01 series sublimates with a new VRDS "ATLAS 01" mechanism inherited from Grandioso, and full in-house designed "Master Sound Discrete DAC".



**K-03XD** Super Audio CD/CD Player

Eventually, the K-03 series acquires a new master VRDS "ATLAS 03" mechanism with a high degree of perfection, and full in-house designed "Master Sound Discrete DAC".



## Network Players/DAC



**N-01XD** Network DAC

A network transport unit that embodies the concept of separate components which is an invincible philosophy of ESOTERIC.



**N-03T** Network Audio Transport

Now supports ESOTERIC's original digital transmission standard "ES-LINK". Network audio player x DAC with rich DAC functions.



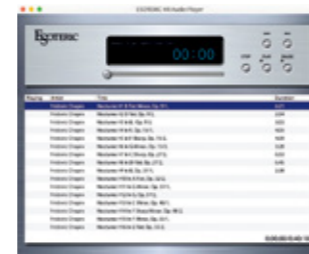
## Master Clock Generators



**G-02X** Master Clock Generator

Accommodating a newly designed OCXO clock that inherits G1 technology supporting various clock formats.

## Music App



**ESOTERIC HR Audio Player**

Music Player Application (Complimentary)

A music playback application exclusively designed for ESOTERIC Super Audio CD Player/DAC/Network Player that employs USB Audio input. This free app is compatible with Windows and Mac for high-resolution audio formats such as DSD and PCM, without a complicated setup.



**N-05XD** Network DAC / Preamplifier

Reproducing the full sound quality of the original masters. The N-05XD represents a new frontier in network DAC/ preamps that matches with ESOTERIC power amplifiers.



## Music App for N Series



Album artwork courtesy of onkyo music © WARNER MUSIC JAPAN

**ESOTERIC Sound Stream**

Network Audio Application (Complimentary)

An iOS/Android application for tablets and smartphones including iPad designed with an emphasis on both sound quality and network playback operating ease.

Supported products: N-01XD, N-03T, N-05XD



Preamplifiers



**C-03Xs** Stereo Linestage Preamplifier

A dual mono preamplifier that inherits the idea of C-02X. Accommodating three built-in power transformers.

Phonostage Amplifier



**E-02** Balanced Phonostage Amplifier

This MC/MM-compatible phono amplifier is an apex of vinyl playback. Especially, providing fully balanced transmission and amplification on all MC cartridges.

Power Amplifiers



**S-02** Stereo Power Amplifier

With overwhelming amounts of material, including powerful power supply section. A stereo power amplifier that inherits the idea of Grandioso.

Integrated Amplifiers



**F-03A** Integrated Amplifier

The basic style but completed. Equipped with a class-A amplifier and a fully balanced preamplifier direct descendant of the Grandioso.



**F-05** Integrated Amplifier

Fully balanced circuit design on preamplifier section. Employing a high power amplifier module inherited from the upper separate models.



Super Audio CD Transport

Grandioso P1X

DAC	-
Digital Audio Inputs	-
Digital Audio Outputs	ES-LINK5 x 1 XLR x 2 RCA x 1
Analog Audio Outputs	-
Clock Input	BNC x 1
Clock Output	-
Overall Dimensions (WxHxD)	445 x 162 x 449mm / 17-5/8" x 6-1/2" x 17-3/4" (main unit) 445 x 132 x 452mm / 17-5/8" x 5-1/4" x 17-7/8" (power supply)
Weight	29kg / 64 lbs. (main unit), 24kg / 53 lbs. (power supply)



Super Audio CD Player

Grandioso K1X

DAC	Master Sound Discrete DAC
Analog Audio Outputs	XLR / ES-LINK Analog x 1 pair RCA x 1 pair
Digital Audio Outputs	XLR x 1 RCA x 1
Digital Audio Inputs	RCA x 1 Optical x 1 USB B x 1
Clock In	BNC x 1
Frequency Response	5Hz to 75kHz
S/N Ratio	113dB
THD	0.0007%
Overall Dimensions	445 x 162 x 447mm / 17-5/8" x 6-1/2" x 17-5/8"
Weight	35kg / 77-1/4 lbs.



K-01XD

DAC	Master Sound Discrete DAC
Analog Audio Outputs	XLR / ES-LINK Analog x 1 pair RCA x 1 pair
Digital Audio Outputs	XLR x 1 RCA x 1
Digital Audio Inputs	RCA x 1 Optical x 1 USB B x 1
Clock In	BNC x 1
Frequency Response	5Hz to 70kHz
S/N Ratio	113dB
THD	0.0007%
Overall Dimensions	445 x 162 x 438mm / 17-5/8" x 6-1/2" x 17-1/4"
Weight	31kg / 68-3/8 lbs.



K-03XD

DAC	Master Sound Discrete DAC
Analog Audio Outputs	XLR / ES-LINK Analog x 1 pair RCA x 1 pair
Digital Audio Outputs	XLR x 1 RCA x 1
Digital Audio Inputs	RCA x 1 Optical x 1 USB B x 1
Clock In	BNC x 1
Frequency Response	5Hz to 70kHz
S/N Ratio	113dB
THD	0.0007%
Overall Dimensions	445 x 162 x 438mm / 17-5/8" x 6-1/2" x 17-1/4"
Weight	28kg / 61-3/4 lbs.



D/A Converter

Grandioso D1X

DAC	Master Sound Discrete DAC
Digital Audio Inputs	ES-LINK5 x 2 XLR x 1 RCA x 2 Optical x 1 USB B x 1
Analog Audio Inputs	-
Digital Audio Outputs	-
Analog Audio Outputs	XLR/ES-LINK Analog x 1 (mono) RCA x 1 (mono)
Headphone Outputs	-
USB Port for USB Drive	-
Clock In	BNC x 1
Clock Out	-
Overall Dimensions (WxHxD)	445 x 132 x 448mm / 17-5/8" x 5-1/4" x 17-3/4"
Weight	23.1kg / 51 lbs. (left unit), 23kg / 50-3/4 lbs. (right unit)



Network DAC

N-01XD

DAC	Master Sound Discrete DAC
Digital Audio Inputs	ES-LINK5 x 1 XLR x 1 RCA x 2 Optical x 1 USB B x 1
Analog Audio Inputs	-
Digital Audio Outputs	-
Analog Audio Outputs	XLR / ES-LINK Analog x 1 pair RCA x 1 pair
Headphone Outputs	-
USB Port for USB Drive	USB A x 2
Clock In	BNC x 1
Clock Out	BNC x 1
Overall Dimensions (WxHxD)	445 x 162 x 438mm / 17-5/8" x 6-1/2" x 17-1/4"
Weight	26.3kg / 58 lbs.



Network Transport

N-03T

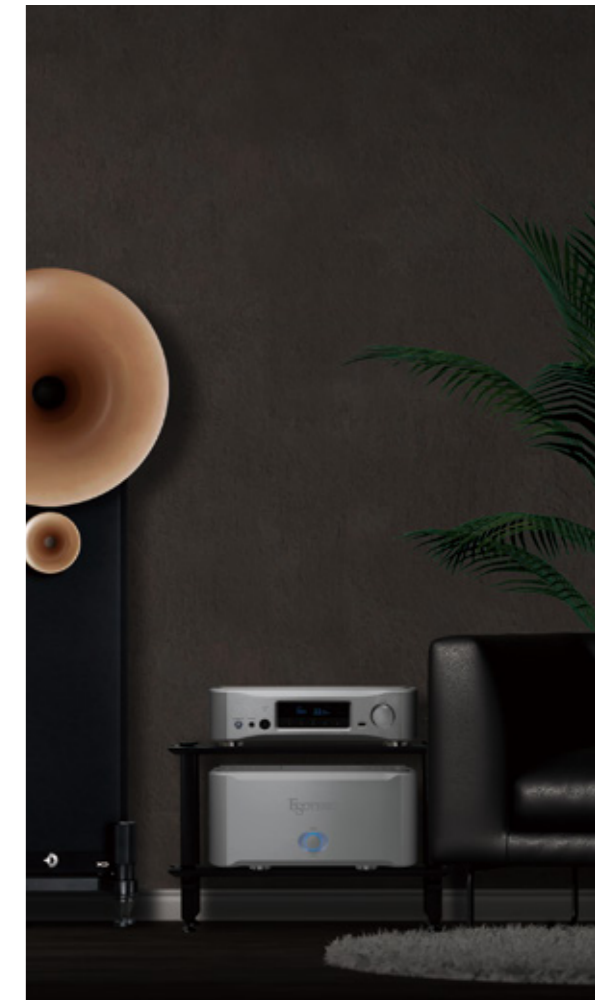
DAC	-
Digital Audio Inputs	-
Analog Audio Inputs	-
Digital Audio Outputs	XLR x 1 RCA x 1 USB A x 1
Analog Audio Outputs	-
Headphone Outputs	-
USB Port for USB Drive	USB A x 2
Clock In	BNC x 1
Clock Out	-
Overall Dimensions (WxHxD)	445 x 131 x 360mm / 17-5/8" x 5-1/4" x 14-1/4"
Weight	17kg / 37-1/2 lbs.



Network DAC / Preamplifier

N-05XD

DAC	Master Sound Discrete DAC
Digital Audio Inputs	XLR x 1 RCA x 2 Optical x 2 USB B x 1 Bluetooth® x 1
Analog Audio Inputs	XLR x 1 pair RCA x 1 pair
Digital Audio Outputs	XLR x 1 RCA x 1
Analog Audio Outputs	XLR/ES-LINK Analog x 1 pair ES-LINK Analog Pre-Out x 1 pair RCA x 1 pair
Headphone Outputs	4-pin XLR x 1 (Balanced) 6.3mm Standard Phone x 1 (Unbalanced)
USB Port for USB Drive	USB A x 2
Clock In	BNC x 1
Clock Out	-
Overall Dimensions (WxHxD)	445 x 131 x 377mm / 17-5/8" x 5-1/4" x 14-7/8"
Weight	13.8kg / 30-1/2 lbs.



Linestage Preamplifier

Grandioso C1X

C-03Xs

Analog Audio Inputs	XLR/ES-LINK Analog x 3 pairs RCA x 2 pairs	XLR x 2 pairs RCA x 3 pairs
Analog Audio Outputs	ES-LINK Analog x 2 pairs XLR x 2 pairs	XLR x 2 pairs RCA x 2 pairs
Frequency Response	1Hz to 150kHz (-3dB)	1Hz to 200kHz (-3dB) 3Hz to 50kHz (-0.2dB)
S/N Ratio	120dB (2V input, A-weight)	116dB (2V input, A-weight)
THD	0.00035% (XLR Input, XLR Output)	0.0004% (XLR), 0.0006% (RCA)
Power Consumption	22watts	19watts
Overall Dimensions (WxHxD)	445 x 132 x 449mm / 17-5/8" x 5-1/4" x 17-5/8" (main unit) 445 x 132 x 452mm / 17-5/8" x 5-1/4" x 17-3/4" (power unit)	445 x 162 x 457mm / 17-5/8" x 6-1/2" x 18"
Weight	20.2kg / 44.6 lbs. (main unit), 29kg / 64 lbs. (power unit)	28kg / 61-3/4 lbs.



Integrated Amplifier

F-03A

F-05

Output Power	30W + 30W (8Ω) 60W + 60W (4Ω)	120W + 120W (8Ω) 240W + 240W (4Ω)
Type of Amplifier	Class A	Class A/B
Maximum Compatible Impedance	4Ω	4Ω
Speaker Terminals	Screw type x 2 sets	Screw type x 2 sets
Analog Audio Inputs	XLR x 2 pairs RCA x 4 pairs PHONO x 1 pair (MC/MM)	XLR x 2 pairs RCA x 4 pairs PHONO x 1 pair (MC/MM)
Pre-In	XLR x 1 pair RCA x 1 pair	XLR x 1 pair RCA x 1 pair
Pre-Out	XLR x 1 pair RCA x 1 pair	XLR x 1 pair RCA x 1 pair
Expansion Slot for Option Board	x 1	x 1
Frequency Response	10Hz to 100kHz (+0dB, -3dB, 1W output)	10Hz to 100kHz (+0dB, -3dB, 1W output)
S/N Ratio	104dB (IHF-A)	110dB (IHF-A)
THD	0.006% (30W)	0.007% (120W)
Power Consumption	290 watts	380 watts (UK/Europe), 320 watts (US/Canada)
Overall Dimensions (WxHxD)	445 x 191 x 468mm / 17-5/8" x 7-5/8" x 18-1/2"	445 x 191 x 468mm / 17-5/8" x 7-5/8" x 18-1/2"
Weight	32kg / 70-5/8 lbs.	32kg / 70-5/8 lbs.



Power Amplifier

Grandioso M1X

S-02

Rated Output Power	300W (8Ω) 600W (4Ω)	145W + 145W (8Ω) 290W + 290W (4Ω)
Maximum Output Power	1200W (2Ω)	580W + 580W (2Ω)
Analog Audio Inputs	ES-LINK Analog x 1 XLR x 1 RCA x 1	XLR x 1 pair RCA x 1 pair
Frequency Response	5Hz to 100kHz (+0dB, -3dB, 6Ω)	5Hz to 100kHz (+0dB, -3dB, 8Ω)
S/N Ratio	119dB (IHF-A)	115dB (IHF-A)
THD	0.006% (1kHz, 8Ω, 300W)	0.003% (1kHz, 8Ω, 150W)
Damping Factor	-	1000
Power Consumption	UK/Europe model 400watts (no signal: 55watts) US/Canada model 400watts (no signal: 55watts) Korea model -	440watts (no signal: 160watts) 440watts (no signal: 160watts) 440watts (no signal: 160watts)
Overall Dimensions (WxHxD)	491 x 221.5 x 535mm / 19-3/8" x 8-3/4" x 21-1/8"	445 x 221.5 x 489.6mm / 17-7/8" x 8-3/4" x 19-3/8"
Weight	62kg / 136-3/4 lbs.	48kg / 105-7/8 lbs.



## Master Clock Generator

### Grandioso G1X

### G-02X

Clock Type	Master Sound Discrete Clock SC1	OCXO (Crystal)
Frequency Stability	-	within $\pm 0.015$ ppm
Frequency Precision	within $\pm 0.01$ ppm	within $\pm 0.015$ ppm
Warm-up Time	10min.	10min.
Clock Out	BNC x 5	BNC x 4
Output Frequency	10MHz	100kHz, 10MHz 44.1k, 88.2k, 176.4k, 352.8k, 705.6kHz, 1.4112M, 2.8224M, 5.6448M, 11.2896M, 22.5792MHz 48k .96k, 192k, 384k, 768kHz, 1.536M, 3.072M, 6.144M, 12.288M, 24.576MHz
Ext In	-	BNC x 1
Input Frequency	-	10MHz
Overall Dimensions (W x H x D)	445 x 132 x 448mm / 17-5/8" x 5-1/4" x 17-3/4"	445 x 107 x 359mm / 17-5/8" x 4-1/4" x 17-1/4"
Weight	23kg / 52-3/4 lbs.	11.3kg / 25 lbs.



## Power Supply Unit

### Grandioso PS1

Corresponding Model	Grandioso K1X / Grandioso K1*
Power Consumption	17 watts
Overall Dimensions (W x H x D)	445 x 132 x 452mm / 17-5/8" x 5-1/4" x 17-7/8"
Weight	23.7kg / 52-3/8 lbs.

\* Requires the VUK-K1PS1



## Balanced Phonostage Amplifier

### E-02

Phono Inputs	XLR x 1 pair (exclusive for MC) RCA x 2 pairs (MM/MC)
Analog Audio Outputs	XLR / ES-LINK Analog x 1 pair RCA x 1 pair
RIAA Deviation	$\pm 0.2$ dB (10Hz - 20kHz)
S/N Ratio	MC: 80dB (Input short, rated output, IHF-A) MM: 100dB (Input short, rated output, IHF-A)
THD	0.007% (1kHz, MM, rated output)
Gain	MC: 72dB (XLR), 66dB (RCA) MM: 46dB (XLR), 40dB (RCA)
Channel Separation	96dB (MM, 10kHz)
Sub-sonic Filter	17Hz, -6dB/octave
Overall Dimensions (W x H x D)	445 x 131 x 377mm / 17-5/8" x 5-1/4" x 14-1/4"
Weight	12.5kg / 27-5/8 lbs.



## Option Board

### VUK Phono Amp Board

MM/MC Phono Input Board

Phono Inputs	RCA x 1 pair
Gain	MC: 72dB MM: 52dB
Input Sensitivity	MC: 0.5mV MM: 5mV
S/N Ratio	MC: 76dB MM: 91dB
Input Impedance	MC: 20/100/300 $\Omega$ (Switchable) MM: 47k $\Omega$
Supported Models	C-02X C-02 C-03Xs C-03X

The VUK Phono Amp Board is an optional board that adds the MC/MM PHONO inputs to the ESOTERIC preamplifiers. By installing this option, the third line input (RCA3) will be altered to a dedicated phono input. This product is build-to-order. (Not sold separately.)



## Option Board

### OP-ESLA1

ES-LINK Analog Transmission Board

ES-LINK Analog Inputs	XLR x 1 pair
Supported Models	Grandioso F1 F-03A F-05 F-07

The OP-ESLA1 is an optional board that adds the "ES-LINK Analog" inputs to the ESOTERIC integrated amplifiers.





# ESOTERIC

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