

ESOTERIC

High-end Audio Components 2020





*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 P1X* Super Audio CD Transport

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



Sold in stereo configuration as shown.

*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.



*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

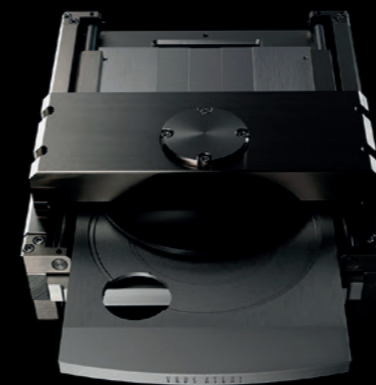
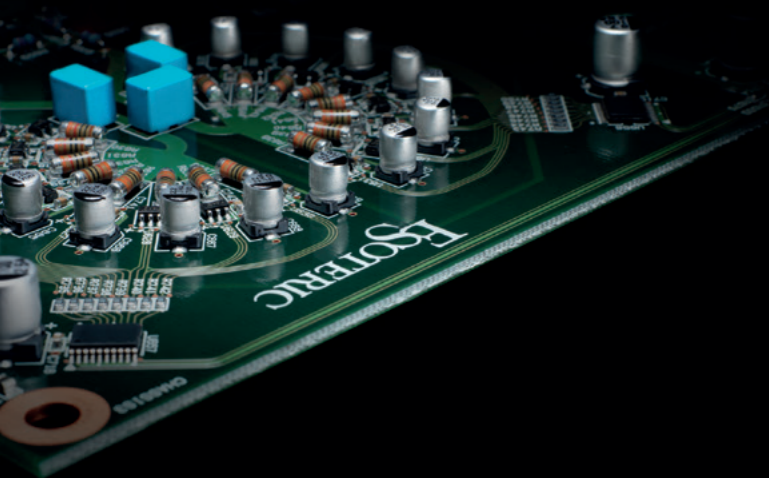
A dedicated external reinforced power supply unit that further enhances the music playback potential of the Grandioso K1X.

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

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.





“Grandioso” – supremacy in audio engineering.



*Grandioso C1X* Linestage Preamplifier

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



*Grandioso F1* Integrated Amplifier

Opening a new dimension for integrated amplifiers with silicon carbide MOSFET “ESOTERIC MODEL 200”, equipped with Class A power amplifier.



*Grandioso G1* Master Clock Generator

A reference model for the master clock generator.



*Grandioso M1* Monoblock Amplifier

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



*Grandioso S1* Stereo Power Amplifier

Religiously inheriting the concept of the Monoblock M1, A stereo power amplifier that reigns as the highest summit of ESOTERIC.



## 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.



## Music App for N Series



**K-05Xs** Super Audio CD/CD Player

Accommodating the VRDS-NEO “VMK-5” mechanism. The core model of the K series with a dual mono D/A converter that follows the Grandioso K1’s DAC platform.



**K-07Xs** Super Audio CD/CD Player

Employing the “VOSP” mechanism, a full-fledged model with all-new audio circuits with the essence of the K1, and a powerful output buffer amplifier and power supply unit.



**N-05** Network Audio Player

Providing flexible access to the music and excellent sound quality while playback. A network audio player that fulfils luxury dreams.



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-05





## Super Audio CD Transport



**P-05X** Super Audio CD Transport

A new milestone cultivated by 30 years of tradition, the P-05X accommodates the VRDS NEO mechanism and the axial sliding pick-up for excellent signal reading.



## 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.

Windows Macintosh

## Master Clock Generators



**G-01X** Master Clock Generator

A rubidium clock generator that inherits technologies of the Grandioso G1, supporting various clock formats.



**G-02X** Master Clock Generator

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

## D/A Converters



**D-02X** 36bit Dual-monaural D/A Converter

A design concept of the Grandioso is condensed into a dual mono unit.

Equipped with the "ES-LINK4" connection.



**D-05X** 34bit Dual-monaural D/A Converter

Inheriting the concept of the D-02X.

Equipped with four differential circuits/ch, 34-bit D/A processing, and the "ES-LINK4" connection.



## Preamplifiers



**C-02X** Stereo Linestage Preamplifier

Inheriting the expressive power of the Grandioso C1. A dual mono preamplifier that accommodates five built-in power transformers



**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.

## 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.

## 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.



**S-03** Stereo Power Amplifier

Employing a minimal approach to return to the origin of the power amplifier design. A new eternal standard is born.

## Integrated Amplifiers



**F-05** Integrated Amplifier

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



**F-07** Integrated Amplifier

Accommodating fully balanced preamplifier section with dual monaural configuration. An arrival of new standard.

Super Audio CD Transport

	Grandioso P1X	P-05X
DAC	-	-
Digital Audio Inputs	-	-
Digital Audio Outputs	ES-LINK5 x 1 XLR x 2 RCA x 1	ES-LINK4 x 1 XLR x 2 RCA x 1
Analog Audio Outputs	-	-
Clock Input	BNC x 1	BNC x 1
Clock Output	-	-
Overall Dimensions (W x H x D)	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)	445 x 131 x 359mm / 17-5/8" x 5-1/4" x 14-1/4"
Weight	29kg / 64 lbs. (main unit), 24kg / 53 lbs. (power supply)	13.5kg / 29-7/8 lbs.

D/A Converter

	Grandioso D1X	D-02X	D-05X
DAC	Master Sound Discrete DAC	AK4490 x 32	AK4497 x 8
Digital Audio Inputs	ES-LINK5 x 2 XLR x 1 RCA x 2 Optical x 1 USB B x 1	ES-LINK4 x 1 XLR x 2 RCA x 2 Optical x 1 USB B x 1	ES-LINK4 x 1 XLR x 2 RCA x 1 Optical x 1 USB B x 1
Digital Audio Outputs	-	-	-
Analog Audio Outputs	XLR/ES-LINK Analog x 1 (mono) RCA x 1 (mono)	XLR x 1 pair RCA x 1 pair	XLR/ES-LINK Analog x 1 pair RCA x 1 pair
Clock Input	BNC x 1	BNC x 2 (including 10MHz Input)	BNC x 2 (including 10MHz Input)
Clock Output	-	BNC x 1	BNC x 1
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 162 x 437mm / 17-5/8" x 6-1/2" x 17-1/4"	445 x 131 x 360mm / 17-5/8" x 5-1/4" x 14-1/4"
Weight	23.1kg / 51 lbs. (left unit), 23kg / 50-3/4 lbs. (right unit)	27kg / 59-5/8 lbs.	14kg / 30-7/8 lbs.



Super Audio CD Player

	Grandioso K1X	K-01XD	K-03XD	K-05Xs	K-07Xs
DAC	Master Sound Discrete DAC	Master Sound Discrete DAC	Master Sound Discrete DAC	AK4493 x 4/ch	AK4493 x 4/ch
Analog Audio Outputs	XLR / ES-LINK Analog x 1 pair RCA x 1 pair	XLR / ES-LINK Analog x 1 pair RCA x 1 pair	XLR / ES-LINK Analog x 1 pair RCA x 1 pair	XLR / ES-LINK Analog x 1 pair RCA x 1 pair	XLR / ES-LINK Analog x 1 pair RCA x 1 pair
Digital Audio Outputs	XLR x 1 RCA x 1	XLR x 1 RCA x 1	XLR x 1 RCA x 1	XLR x 1 Optical x 1	RCA x 1 Optical x 1
Digital Audio Inputs	RCA x 1 Optical x 1 USB B x 1	RCA x 1 Optical x 1 USB B x 1	RCA x 1 Optical x 1 USB B x 1	RCA x 1 Optical x 1 USB B x 1	RCA x 1 Optical x 1 USB B x 1
Clock In	BNC x 1	BNC x 1	BNC x 1	BNC x 1	BNC x 1
Frequency Response	5Hz to 75kHz	5Hz to 70kHz	5Hz to 70kHz	5Hz to 55kHz	5Hz to 55kHz
S/N Ratio	113dB	113dB	113dB	119dB	119dB
THD	0.0007%	0.0007%	0.0007%	0.0013%	0.0013%
Overall Dimensions	445 x 162 x 447mm / 17-5/8" x 6-1/2" x 17-5/8"	445 x 162 x 438mm / 17-5/8" x 6-1/2" x 17-1/4"	445 x 162 x 438mm / 17-5/8" x 6-1/2" x 17-1/4"	445 x 162 x 357mm / 17-5/8" x 5-1/4" x 14-1/8"	445 x 131 x 357mm / 17-5/8" x 5-1/4" x 14-1/8"
Weight	35kg / 77-1/4 lbs.	31kg / 68-3/8 lbs.	28kg / 61-3/4 lbs.	15.1kg / 33-3/8 lbs.	14.2kg / 31-3/8 lbs.





	Network DAC	Network Transport	Network Player
	<b>N-01XD</b>	<b>N-03T</b>	<b>N-05</b>
DAC	Master Sound Discrete DAC	-	AK4490
Digital Audio Inputs	ES-LINK5 x 1 XLR x 1 RCA x 2 Optical x 1 USB B x 1	-	RCA x 2 Optical x 1 USB B x 1
Digital Audio Outputs	-	XLR x 1 RCA x 1 USB B x 1	RCA x 1
Analog Audio Outputs	XLR / ES-LINK Analog x 1 pair RCA x 1 pair	-	XLR x 1 pair RCA x 1 pair
USB Port for USB Drive	USB A x 2	USB A x 2	USB A x 1
Clock In	BNC x 1	BNC x 1	BNC x 1
Clock Out	BNC x 1	-	BNC x 1
Overall Dimensions (WxHxD)	445 x 162 x 438mm / 17-5/8" x 6-1/2" x 17-1/4"	445 x 131 x 360mm / 17-5/8" x 5-1/4" x 14-1/4"	445 x 107 x 356mm / 17-5/8" x 4-1/4" x 14-1/8"
Weight	26.3kg / 58 lbs.	17kg / 37-1/2 lbs.	11kg / 24-3/8 lbs.



Power Supply Unit

Grandioso PS1

Corresponding Model	Grandioso K1X / Grandioso K1*
Power Consumption	17 watts
Overall Dimensions (WxHxD)	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



Master Clock Generator

	Grandioso G1	G-01X	G-02X
Clock Type	Rubidium	Rubidium	OCXO (Crystal)
Frequency Stability	within ±0.1ppb	within ±0.1ppb	within ±0.015ppm
Frequency Precision	within ±0.05ppb	within ±0.05ppb	within ±0.015ppm
Warm-up Time	10min.	10min.	10min.
Clock Out	BNC x 4	BNC x 4	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	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	BNC x 1	BNC x 1
Input Frequency	1pps signal, 10MHz	1pps signal, 10MHz	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 131 x 359mm / 17-5/8" x 5-1/4" x 17-1/4"	445 x 107 x 359mm / 17-5/8" x 4-1/4" x 17-1/4"
Weight	23kg / 52-3/4 lbs.	13.3kg / 29-3/8 lbs.	11.3kg / 25 lbs.



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	±0.2dB (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 (WxHxD)	445 x 131 x 377mm / 17-5/8" x 5-1/4" x 14-1/4"
Weight	12.5kg / 27-5/8 lbs.





Linestage Preamp

	Grandioso C1X	C-02X	C-03Xs
Analog Audio Inputs	XLR/ES-LINK Analog x 3 pairs RCA x 2 pairs	XLR x 2 pairs RCA x 3 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	XLR x 2 pairs RCA x 2 pairs
Frequency Response	1Hz to 150kHz (-3dB)	1Hz to 200kHz (-3dB) 3Hz to 50kHz (-0.2dB)	1Hz to 200kHz (-3dB) 3Hz to 50kHz (-0.2dB)
S/N Ratio	120dB (2V input, A-weight)	116dB (2V input, A-weight)	116dB (2V input, A-weight)
THD	0.00035% (XLR Input, XLR Output)	0.0004% (XLR), 0.0006% (RCA)	0.0004% (XLR), 0.0006% (RCA)
Power Consumption	22watts	21 watts	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"	445 x 162 x 457mm / 17-5/8" x 6-1/2" x 18"
Weight	20.2kg / 44.6 lbs. (main unit), 29 kg / 64 lbs. (power unit)	32kg / 70-5/8 lbs.	28kg / 61-3/4 lbs.



Option Board

VUK Phono Amp 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: 20/100/300Ω (Switchable) MM: 47kΩ
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.)



Power Amplifier

	Grandioso M1	Grandioso S1	S-02	S-03
Rated Output Power	300W (8Ω) 600W (4Ω)	150W + 150W (8Ω) 300W + 300W (4Ω)	145W + 145W (8Ω) 290W + 290W (4Ω)	145W + 145W (8Ω) 290W + 290W (4Ω)
Maximum Output Power	1200W (2Ω)	600W + 600W (2Ω)	580W + 580W (2Ω)	580W + 580W (2Ω)
Analog Audio Inputs	XLR x 1 RCA x 1	XLR x 1 pair RCA x 1 pair	XLR x 1 pair RCA x 1 pair	XLR x 1 pair RCA x 1 pair
Frequency Response	5Hz to 100kHz (+0dB, -3dB, 6Ω)	5Hz to 100kHz (+0dB, -3dB, 8Ω)	5Hz to 100kHz (+0dB, -3dB, 8Ω)	5Hz to 100kHz (+0dB, -3dB, 8Ω)
S/N Ratio	122dB (IHF-A)	115dB (IHF-A)	115dB (IHF-A)	115dB (IHF-A)
THD	0.006% (1kHz, 8Ω, 300W)	0.003% (1kHz, 8Ω, 150W)	0.003% (1kHz, 8Ω, 150W)	0.003% (1kHz, 8Ω, 150W)
Dumping Factor	1000	1000	1000	1000
Power Consumption	UK/Europe model 530watts (no signal: 44watts) US/Canada model 520watts (no signal: 58watts) Korea model 430watts (no signal: 44watts)	430watts (no signal: 150watts) 430watts (no signal: 150watts) 430watts (no signal: 150watts)	440watts (no signal: 160watts) 440watts (no signal: 160watts) 440watts (no signal: 160watts)	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 497.8mm / 17-7/8" x 8-3/4" x 19-5/8"	445 x 221.5 x 489.6mm / 17-7/8" x 8-3/4" x 19-3/8"	445 x 221.5 x 476mm / 17-7/8" x 8-3/4" x 19-3/4"
Weight	62kg / 136-3/4 lbs.	47kg / 103-5/8 lbs.	48kg / 105-7/8 lbs.	48kg / 105-7/8 lbs.



## Integrated Amplifier

	Grandioso F1	F-03A	F-05	F-07
Output Power	30W + 30W (8Ω) 60W + 60W (4Ω)	30W + 30W (8Ω) 60W + 60W (4Ω)	120W + 120W (8Ω) 240W + 240W (4Ω)	100W + 100W (8Ω) 170W + 170W (4Ω)
Type of Amplifier	Class A	Class A	Class A/B	Class A/B
Maximum Compatible Impedance	4Ω	4Ω	4Ω	4Ω
Speaker Terminals	Screw type x 1 set (WBT nextgen: WBT-0705Cu)	Screw type x 2 sets	Screw type x 2 sets	Screw type x 2 sets
Analog Audio Inputs	ES-LINK Analog x 1 XLR x 2 pairs RCA x 3 pairs PHONO x 1 pair (MC/MM)	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)	XLR x 1 pair 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	RCA x 1 pair
Expansion Slot for Option Board	x 1	x 1	x 1	x 1
Frequency Response	10Hz to 150kHz (+0dB, -3dB, 1W output)	10Hz to 100kHz (+0dB, -3dB, 1W output)	10Hz to 100kHz (+0dB, -3dB, 1W output)	10Hz to 100kHz (+0dB, -3dB, 1W output)
S/N Ratio	103dB (ESLA, XLR, RCA), 101dB (MM), 82dB (MC)	104dB (IHF-A)	110dB (IHF-A)	110dB (IHF-A)
THD	0.009% (1kHz, 8Ω, 30W)	0.006% (30W)	0.007% (120W)	0.008% (100W)
Power Consumption	(not disclosed)	290 watts	380 watts (UK/Europe), 320 watts (US/Canada)	(not disclosed)
Overall Dimensions (WxHxD)	445 x 191 x 470mm / 17-5/8" x 7-5/8" x 18-5/8"	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"	445 x 191 x 468mm / 17-5/8" x 7-5/8" x 18-1/2"
Weight	30kg / 66-1/4 lbs.	32kg / 70-5/8 lbs.	32kg / 70-5/8 lbs.	27.2kg / 60 lbs.



### 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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Authorized Dealer