



K3 SERIES

OVERVIEW



STYLE, PERFORMANCE & FUNCTION. . .

. . .These are the characteristics of the world's finest audio designs. The Roksan K3 series employs all of these traits and retains the inherent musicality that has consistently been our trademark throughout our prolific history. Conceived to offer a complete audiophile solution for the current audio market, the K3 series comprises some of the finest sounding and stylish audio products available today. Selective use of high quality electronic components and a fresh approach to electronic design ensure the finest sounding finished creations.

Combining visual elegance with exciting audiophile performance, the K3 series offers the ultimate in musical involvement, audio engineering and user flexibility.

All K3 products are available in three high-quality front panel finishes: Anthracite, Charcoal and Opium



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K3 CD PLAYER

The K3 CD Player uses upgraded electronics and a new design to deliver a fuller and wider sound with increased detail retrieval and a smoother, more 'analogue' sound.

This excellent source component proves that there are still many hours of enjoyment to be received from your CD collection. Vocals are clean and lyrical whilst rhythms are solid and fast providing an all-round involving performance that will have you playing your discs for years to come.

FEATURES

- Elegant steel chassis design
- Superior build quality
- High quality PCM1798 24bit / 192kHz DAC
- High precision, custom made Master Clock Crystal
- 110 Ohm balanced gold plated XLR digital output
- 75 Ohm RCA gold plated RCA digital output
- Optical Toslink digital output
- Gold plated RCA analogue outputs
- Front loading CD drawer
- Fully functioning display - time elapsed, time remaining on track and disc
- Shuffle play



ROKSAN K3 SERIES



SPECIFICATIONS

Operating System	CD Digital Audio System (CD, CD-R, CD-RW)
Frequency Response	20Hz - 20kHz (\pm 0.2dB)
Harmonic Distortion	< 0.002% @ 0dB, 1kHz < 0.006% @ -30dB, 1kHz < 0.002% @ 0dB, 20Hz < 0.008% @ 0dB, 20kHz
Intermodulation Distortion	< 0.0015% @ 0dB
S/N Ratio (IHF-A Wtd.)	< 96dB L&R
Wow & Flutter	Quartz Precision
Channel Separation	100dB @ 1kHz 80dB @ 20kHz
Output Voltage	2.2V rms
Digital Outputs	75 Ω Coaxial (RCA) 110 Ω Balanced AES/EBU (XLR)
D/A Conversion	PCM1730E Advance Segment, Audio-Stereo DAC
Resolution / Sampling	24 bits / 192 kHz
Oscillation	3rd Overtone Oscillation
Crystal	Super Precision, Custom Made
Jitter	< 150 psec
Idle Pattern	< -107dB L&R
Stop-Band Rejection	< -98 dB
Power Supply	High Performance Toroidal Transformer 7 Fully Regulated Power Rails
Power Consumption	< 15W
Dimensions (W x H x D)	432 x 380 x 105mm (Incl. Feet)
Weight	9kg



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K3 CD DI CD PLAYER

The CD Di takes the platform of the astounding K3 CD Player in a solution that will not only play an existing CD library to the expected audiophile standard but will also host an array of other digital sources as one 'audiophile junction'. Featuring both an additional optical and digital input, a variety of digital players and sources can be connected to the K3 CD Di to utilise the excellent DAC and output section for a superior quality performance.

FEATURES

- Switchable Optical and Coaxial digital inputs
- Select between CD, digital Optical or digital Coaxial connected source
- High quality PCM1798 24/192 DAC
- High precision, custom made Master Clock Crystal
- 110 Ohm balanced gold plated XLR digital output
- 75 Ohm RCA gold plated RCA digital output
- Optical Toslink digital output
- Gold plated RCA analogue outputs
- Fully functioning display - time elapsed, time remaining on track and disc
- Random play



ROKSAN K3 SERIES



SPECIFICATIONS

Operating System	CD Digital Audio System (CD, CD-R, CD-RW)
Frequency Response	20Hz - 20kHz (± 0.2 dB)
Harmonic Distortion	< 0.002% @ 0dB, 1kHz < 0.006% @ -30dB, 1kHz < 0.002% @ 0dB, 20Hz < 0.008% @ 0dB, 20kHz
Intermodulation Distortion	< 0.0015% @ 0dB
S/N Ratio (IHF-A Wtd.)	< 96dB L&R
Wow & Flutter	Quartz Precision
Channel Separation	100dB @ 1kHz 80dB @ 20kHz
Output Voltage	2.2V rms
Digital Inputs	75 Ω x Coaxial (RCA) 1 x Optical (Toslink)
Digital Outputs	75 Ω Coaxial (RCA) 110 Ω Balanced AES/EBU (XLR) Optical (Toslink)
D/A Conversion	PCM1730E Advance Segment, Audio-Stereo DAC
Resolution / Sampling	24 bits / 192 kHz
Oscillation	3rd Overtone Oscillation
Crystal	Super Precision, Custom Made
Jitter	< 150 psec
Idle Pattern	< -107dB L&R
Stop-Band Rejection	< -98 dB
Power Supply	High Performance Toroidal Transformer 7 Fully Regulated Power Rails
Power Consumption	< 15W
Dimensions (W x H x D)	432 x 380 x 105mm (Incl. Feet)
Weight	9kg



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SERIES



K3 INTEGRATED AMPLIFIER

With its elegant design and inclusion of aptX Bluetooth input as standard, the K3 is truly an amplifier for today's discerning audiophile. There is power and bass drive in abundance, along with superb sound staging and engaging detail. You can stream music via any Bluetooth enabled device and the aptX coding allows streaming of high resolution audio files from a compatible source. To add to its versatility there is also a Moving Magnet phono input and five line level inputs. Most of all, the K3 Integrated Amplifier offers excellent value for money when it comes to build, design, flexibility and sound quality.

FEATURES

- Integrated amplifier with aptX® Bluetooth
- Moving Magnet phono input
- Five additional Line inputs for other sources
- User remote included
- Elegant new chassis design with improved ventilation
- Superior build quality
- Improved power and detail
- Symmetrical amplifier layout
- High quality signal output relays
- Improved power supply layout
- Directly mains-powered power amp section
- Switchable bypass input
- New op amps, audio and power supply circuits and layouts



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SPECIFICATIONS

Inputs	Line Level (x 5) Phono Input (MM Only) Bluetooth Bypass
Bluetooth	aptX® Technology
Input Impedance	47k Ω
Line Input Sensitivity	440mV @ 140W / 8 Ω
Outputs	Speaker (L & R) Preamplifier Headphone
Channel Separation	100dB @ 1kHz 80dB @ 20kHz
Output Power	> 140W (8 Ω) > 220W (4 Ω)
Power Supply	550VA Toroidal Transformer 5 Regulated Supply Rails
Frequency Response	<3Hz - >100kHz (-3dB)
Gain	37.5dB (75x)
Harmonic Distortion	<0.005% (1kHz - 14W @ 8 Ω)
Power Consumption	Standby: <25W Full Power 2-CH: 8 Ω = <330W, 4 Ω = <550W
Signal-to-Noise Ratio	>90dB (Line Input)
Dimensions (W x D x H)	432 x 380 x 102mm (Incl. Feet)
Weight	14kg



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K3 DAC

The K3 DAC is one of the most unique products in the Roksan range. To ensure its superior sonic performance and flexibility, extensive research and development has forged it into a superb sounding audiophile DAC that meets the highest specification possible whilst maintaining a user-friendly interface. It has a wide range of inputs and will decode both high resolution PCM and DSD information, so is technically advanced yet boasts ease-of-use and a stylish modern, aesthetic - in this respect it epitomizes the K3 Series' idiom: Style. Performance. Function.

FEATURES

- High quality Texas Instruments DSD1794A DAC chip
- PCM resolution up to 24-bit / 192kHz
- DSD information up to DSD 128
- XLR, optical, coaxial and
- USB Type B digital inputs
- Elegant yet robust K3 casework
- Modern and attractive aesthetics
- Choice of three high quality aluminium finishes



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SPECIFICATIONS

Digital Inputs	1x XLR AES3/SPDIF balanced up to 192kHz resolution 1x RCA/Coaxial SPDIF up to 192kHz resolution* 1x TOSLINK optical up to 192kHz resolution* 1x Front panel USB type 'B' connector for computer 1x Rear panel USB type 'B' connector for computer K-Link wireless transmitter receiver (via the Roksan K-Link transmitter)
Outputs	1x line level RCA (phono) 1x line level XLR (balanced)
Output Impedance	54.9R (RCA) and 2x 54.9R (Balanced XLR)
Sample frequencies supported	44.1k and 48k (both x1, x2 and x4)
THD	@ 1kHz -20dBFs < 0.003% , @ 20Hz -3dBFs < 0.008%
THD + N	@ 20kHz -20dBFs < 0.003%
Dimensions	WxHxD (mm) 432 x 380 x 105mm (incl. feet)
Weight	7kg

* 192kHz resolution is not supported by all optical and coaxial cables. Please refer to cable manufacturers' specifications



K3 POWER AMPLIFIER

The K3 Power Amplifier offers an excellent-value option for upgrading any audio separates component system, with clarity, detail and power in abundance. In addition to being compatible with most audio systems, it is also the natural partner for the K3 Integrated Amplifier and is the perfect way to upgrade your K3 system to offer more headroom, grip and control. It can be used as a straight pre/power combination with the K3 Integrated or to form a bi-amplification (or tri-amplification) system for the ultimate drive and power to your loudspeakers. Whichever way it is used, the smooth and powerful sound of the K3 Power Amplifier will be a superb, synergic improvement to your system.

FEATURES

- Improved amplifier PCB
- Symmetrical amplifier layout
- Optimised power supply layout, distribution and decoupling
- Better decoupling and power regulation to all stages
- Directly powered power amp section
- Improved grounding
- Optimised routing and short speaker output cables
- New improved protection circuit
- Improved wideband noise rejection
- Reduced residual hum and noise
- 0.5W standby operation with auto detect and a 30 minute timer



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SPECIFICATIONS

Inputs	Stereo RCA Stereo XLR balanced
Outputs	Stereo loop RCA Stereo loop XLR balanced
Input Impedance	23 k Ω
Input Sensitivity	(115W) - 900 mV
Speaker Output	L & R (x1)
Output Power	> 140W (8 Ω) > 220W (4 Ω)
Power Supply	500 VA Ultra Low Noise Toroidal Transformer
Damping Factor	>110 (8 Ω)
Frequency Response	(-3dB), <3Hz - >100kHz
Gain	31.6 dB
Harmonic Distortion	<0.003% 1kHz - 8 Ω
Signal-to-Noise	130dB (ref. 33.5V)
Power Source	220V - 240V 50Hz / 60Hz
Power Consumption	Warm up mode <25W Full Power <800W
Dimensions	432 x 380 x 105mm (incl. feet)
Weight	14kg



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LIMITED

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