



LINN

KEY FEATURES INCLUDE

- High performance stereo and multi-channel pre-amplifier
- MC / MM phono stage
- Six analogue inputs configurable to support a multi-channel analogue input
- Six digital inputs with high quality DACs
- Digital processing of all major audio algorithms including Dolby Digital and DTS
- Compatible with Linn Knekt multi-room audio systems
- Available in black or silver finish

Designed for music lovers, the Akurate Kontrol pre-amplifier delivers compelling performance in stereo and can process and control multi-channel sources, providing scope for system expansion to multi-channel in the future.

Up to six stereo analogue sources can be connected, including a turntable via the on-board MC / MM phono stage, for exceptional audio performance.

The high quality DACs incorporated facilitate performance from any digital source connected, including a DVD player, satellite receiver or games console, through one of the six digital inputs.

The Akurate Kontrol pre-amplifier digitally processes all major audio algorithms, including Dolby Digital, Dolby Pro Logic II and DTS, for multi-channel audio from stereo CD or multi-channel digital formats.

The Akurate Kontrol features a built-in Knekt Line Driver and Line Receiver for full compatibility with a Linn Knekt multi-room audio system.

Available in black or silver finish, the Akurate Kontrol pre-amplifier complements other components in the Akurate System.

AKURATE KONTROL PRE-AMPLIFIER

OVERVIEW

High performance stereo and multi-channel pre-amplifier



1



AKURATE KONTROL PRE-AMPLIFIER

TECHNICAL SPECIFICATION

High performance stereo and multi-channel pre-amplifier

Introduction	May 2007	Digital Audio Decoding	Dolby Digital 5.1, Dolby Digital EX, Dolby Pro Logic II and Music mode, MPEG Surround, DTS Surround, DTS 96/24, DTS CD, DTS ES Matrix and Discrete, MPEG Surround, LtRt Digital Downmix, LIMBIK Party, AAC Stereo, AAC Surround, AAC Multilingual, adjustable lip sync delay
Product Type	Stereo and multi-channel audio pre-amplifier	Power Consumption	Less than 30 W
Dimensions	(H) 80 mm x (W) 381 mm x (D) 355 mm (H) 3.1 inches x (W) 15 inches x (D) 14 inches	Mains Supply Fuse	1 amp anti-surge (not user serviceable)
Weight	3.7 kg / 8.2 lb	Mains Supply Range	AC 100-120 V; AC 220-240 V @ 50 - 60 Hz
Control Interfaces	Remote control IR receiver RC5 input and output RCA connector KNEKT main system input KNEKT RCU socket 4 x KNEKT room outputs 2 x KNEKT IR flasher outputs 2 x independent RS232 ports 6 button keypad interface 128 x 32 front panel display	Mains Supply Tolerance	± 10 %
Analogue Audio Inputs	KNEKT main system input 6 pairs of RCA socket inputs (including 5.1 group and phono stage inputs)	Phono stage	(set to MM as default)
Digital Audio Inputs	3 x TOSLINK inputs 3 x SPDIF RCA socket inputs (supporting 44.1 kHz/48 kHz/88.2 kHz/ 96 kHz sample rates)	MM Input Impedance	48 k, 68 pF
Analogue Audio Outputs	7.1 RCA socket audio outputs 1 pair of RCA socket record outputs 4 x KNEKT room outputs (linked to record path)	MC Input Impedance	180 Ω, 10 nF
Digital Audio Outputs	1 x TOSLINK record output 1 x SPDIF RCA socket record output (supporting 44.1 kHz/48 kHz/ 88.2 kHz/96 kHz sample rates)	MM Input Voltage	70.0 mV peak @ 1 kHz
Analogue Audio Decoding	Stereo + Sub Bass Redirect, 3 Stereo Downmix, Phantom Downmix, LoRo 5.1 to Stereo Downmix	MC (High Gain)	5.0 mV peak @ 1 kHz
		Input Voltage	
		MC (Low Gain)	15 mV peak @ 1 kHz
		Input Voltage	
		MM Input Gain	+40 dB (x 100) @ 1 kHz
		MC (High Gain)	+64 dB (x 1500) @ 1 kHz
		MC (Low Gain)	+54 dB (x 500) @ 1 kHz
		MM Signal-to-noise Ratio	Better than -104 dB
		MC Signal-to-noise Ratio	Better than -90 dB
		Analogue Input Impedance	10 kΩ nominal (unbalanced)
		Input Signal (max)	+ 10 dBv
		Output Impedance	330 Ω nominal (unbalanced)
		Peak Output Signal	+ 10 dBv
		Volume Range	- 80 dB to + 20 dB (0 - 100 scale range in 0.5 dB steps)
		Frequency Response	5 Hz to 100 kHz
		Finishes	Silver, Black

The above information is subject to change without prior notice.

Linn Products Limited
Glasgow Road, Waterfoot, Eaglesham, Glasgow G76 0EQ, Scotland, UK.
Telephone: +44 (0) 141 307 7777, Facsimile: +44 (0) 141 644 4262, Helpline: 0500 888909, E-mail: helpline@linn.co.uk, Website: www.linn.co.uk

Linn Products Inc
8787 Perimeter Park Boulevard, Jacksonville FL 32216, USA.
Telephone: +1 (904) 645 5242, Facsimile: +1 (904) 645 7275, Helpline: 888-671-LINN, E-mail: helpline@linninc.com, Website: www.linninc.com

Linn Deutschland GmbH
Hühnerposten 1d, 20097 Hamburg, Deutschland.
Telephone: +49 (0) 40 890 660 0, Facsimile: +49 (0) 40 890 660 29, E-mail: info@linngmbh.de, Website: www.linn.co.uk

Linn Records Limited
Glasgow Road, Waterfoot, Eaglesham, Glasgow G76 0EQ, Scotland, UK.
Telephone: +44 (0) 141 303 5027/5029, Facsimile: +44 (0) 141 303 5007, E-mail: info@linnrecords.co.uk, Website: www.linnrecords.com

Copyright © 2007, Linn Products Limited. All rights reserved.

Linn, the Linn logo and all other Linn product names and slogans are trade marks or registered trade marks of Linn Products Limited, registered in at least the UK and/or the EU. Linn Products Limited disclaims any proprietary interest in trade marks and trade names other than its own.

PACK 1332 (05/07)