



# 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



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# 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.

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