LINN

SEKRIT DS-I

OVERVIEW

Integrated DS player, pre-amplifier and power amplifier

KEY FEATURES INCLUDE

- Linn DS player with integrated amplifier

- Custom install enclosure can be hidden in the room or mounted in the rack (shelf and rack mounting kits optional)

- Linn DS technology provides optimum performance from digitally streamed audio over a standard Ethernet network

- Plays FLAC, ALAC, WAV, AIFF, AAC and MP3 audio formats with up to 24-bit / 192 kHz native sample rate

- Compatible with UPnP™ media servers and UPnP™ AV 1.0 control points

- 3 stereo audio inputs: RCA, SPDIF, TOSLINK

- 70 W per channel Class D stereo power amplifier

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Sekrit DS-I is the ultimate custom install audio solution. A single compact unit houses a Linn DS player, integrated pre-amplifier and 70 W power amplifier.

The result is a truly unique combination of performance, flexibility and scalability for the highest quality multi-room audio installations.

Sekrit DS-I converts digital data streamed over a standard Ethernet network to high quality analogue audio, supporting the highest quality and most widely used audio formats currently available on the market (FLAC, ALAC, WAV, AIFF, AAC and MP3).

As with any Linn DS player, it is easy to add Sekrit DS-I to a home network and simply choose from the wide variety of control options available. Whether using Linn's latest GUI on a UPnP™ AV 1.0-compatible device, or integrating with a third party control system, control of your entire digital music collection could not be easier.

The integrated amplifier also allows local sources to be connected, with provision for three auxiliary inputs (1 analogue RCA, 1 SPDIF and 1 TOSLINK).

The custom enclosure is designed to be tucked away in a cabinet, under a shelf, or even in a wall cavity. The small dimensions and optional rack mount kit also allow two units to be placed side by side in a 19 inch rack, occupying just 2u of rack space.

Sekrit DS-I uses standard open interfaces for audio and control, and can be updated via software upgrades from Linn.

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1 Sekrit DS-I
2 Sekrit DS-I - rack-accessible switches and status lights
3 Sekrit DS-I - back panel

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SEKRIT DS-I

TECHNICAL SPECIFICATIONS

Integrated DS player, pre-amplifier and power amplifier

Date of introduction	October 2009
Type	Network music player
Dimensions	(H) 80 mm x (W) 190 mm x (D) 346 mm
(without feet)	(H) 3.15 inches x (W) 7.5 inches x (D) 13.6 inches
Weight	2.6 kg / 5.7 lb
Mains supply voltage	100 – 120 V ac (±10%) 50 – 60 Hz
(auto ranging)	200 – 240 V ac (±10%) 50 – 60 Hz
Fuse	250 V, T1.6 A (not user replaceable)
Power consumption	
standby	< 20 W
maximum continuous	400 W
Supported file types	FLAC, ALAC, WAV, AIFF, AAC, MP3
Audio sample rates	7.35 k, 8 k, 11.025 k, 12 k, 14.7 k, 16 k, 22.05 k, 24 k, 29.4 k, 32 k, 44.1 k, 48 k, 88.2 k, 96 k, 176.4 k, 192 k
Word depths	16 – 24 bits
Control protocol	Compatible with UPnP™ media servers, UPnP™ AV 1.0 control points

Back Panel Connectors

- Analog audio
Line in (L+R)	RCA phono
Line out (L+R)	RCA phono
- Digital audio
SPDIF In	RCA phono
Optical In	TOSLINK
- Speaker outputs — 4 mm banana/binding post/spade
- Control
Ethernet	RCA phono
RS232	RJ11
IR Flasher	3.5 mm jack (x2)
RC5 In	RCA phono
RC5 Out	RCA phono
line outputs	RCA phono

Input/Output Electrical

- Analog line inputs
Max input voltage	2.5 V RMS, 3.5 V peak
Input impedance	10 kΩ
- SPDIF digital input
Max input voltage	3 V peak
Input impedance	75 Ω
- Analog line outputs
Max output voltage	1.8 V RMS, 2.5 V peak (0 dBFS @ vol. 85)
Output impedance	300 Ω
DC offset voltage	< 5 mV
- Speaker outputs
Max output voltage	30 V peak
DC offset voltage	< 20 mV

Audio Performance

- Line inputs
THD+N	< 0.005 %
Dynamik range	110 dB
Signal to noise ratio	110 dB
Frequency range	5 Hz - 23 kHz
- Line outputs
THD+N	< 0.005 %
Dynamik range	105 dB
Signal to noise ratio	105 dB
Frequency range	0 Hz - 30 kHz
- Power amplifier
Power output	70 W RMS per channel into 4 Ω
THD+N	< 0.01 % (1 kHz, 10W RMS into 4 Ω)
Dynamik range	95 dB
Signal to noise ratio	95 dB
Channel balance	< ± 0.2 dB
Channel separation	> 75 dB (1 kHz into 4 Ω)
Damping factor	> 90 - 25 kHz (-3 dB into 4 Ω)
Frequency response	6 Hz - 25 kHz (-3 dB into 4 Ω)
Gain	23.6 dB (relative to line out)
- Digital pre-amplifier
Gain range	- 80 dB to + 20 dB
Gain resolution	1 dB
Unity gain volume	0 dB = vol. 80
Line input scaling	0 dBFS = 2.5 V RMS
Line output scaling	0 dBFS = 1 V RMS