



MAJIK DS-I

OVERVIEW

Integrated DS player, pre- and power amplifier

KEY FEATURES INCLUDE

- High performance integrated Linn DS player, pre-amplifier and power amplifier
- 11 inputs (6 digital and 5 analogue) for connection and up-sampling of additional sources
- Phono input configurable to moving magnet or line level (moving coil upgrade also available)
- AUX input on front for easy connection of portable MP3 players etc.
- Dynamik power supply and 2 channels of 100 W Chakra amplification
- 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
- High quality binding posts for flexible loudspeaker connection options, plus headphones socket on front

Majik DS-I is the ultimate one-box DS system and the future hub of your home entertainment system. Majik DS-I delivers exceptional audio performance from any analogue or digital source, from your ripped CDs and music downloads to your cherished turntable or latest movie player, and even your satellite TV or games console.

Majik DS-I will extract the best from any source, with the same DAC that provides the incredible Linn DS clarity up-sampling and improving any digital source, bringing a new level of depth and realism to movies and games.

Simply add your Majik DS-I to your home network and it will convert your securely stored music collection into the highest quality audio and stream it across your home, transforming the way you enjoy music forever.

Choose your favourite interface from a wide variety of control points and get album art and playlist control of your entire music collection from your PC, touchscreen, PDA or phone. Majik DS-I uses standard open interfaces like UPnP and can be easily updated with the latest features from Linn.

Powered by Linn Dynamik, Majik DS-I provides two 100 watt channels of Linn Chakra amplification, ensuring there is enough power and precision to handle the most demanding audio.

Only Majik DS-I gives you the famed Linn sound quality from just one box - just add loudspeakers to complete a system that delivers the perfect introduction to genuine specialist performance.



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1 Majik DS-I (black)
 2 Majik DS-I (silver)
 3 Majik DS-I back panel
 4 Majik DS-I with Majik 109 loudspeakers (both black)

MAJIK DS-I

TECHNICAL SPECIFICATIONS

Integrated DS player, pre- and power amplifier

- Date of introduction October 2009
- Type Integrated DS player, pre-amplifier and power amplifier
- Dimensions (H) 80 mm x (W) 381 mm x (D) 355 mm
(without feet) (H) 3.15 inches x (W) 15 inches x (D) 14 inches
- Weight 4.9 kg / 10.78 lb
- Mains supply voltage 100 – 120 V ac ($\pm 10\%$) 50 – 60 Hz
(auto ranging) 200 – 240 V ac ($\pm 10\%$) 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 inputs (1 to 4) RCA phono (Input 4 MM/Line)
 - Aux input (front) 3.5 mm stereo jack
 - Tape/Zone output RCA phono (pre-volume control)
 - Line out (L+R) RCA phono (post-volume control)
 - Headphone (front) 3.5 mm stereo jack (post-volume control)
- Digital audio
 - SPDIF In RCA phono
 - Optical In TOSLINK (JIS F05)
 - SPDIF Out RCA phono (pre-volume)
 - Optical Out TOSLINK (pre-volume) (JIS F05)
- Speaker outputs 4 mm banana/binding post/spade
- Control
 - Ethernet 100Base-T RJ45
 - RS232 (1 & 3) RJ11
 - IR Flasher 3.5 mm jack (x2)

Input Electrical

- Analog line inputs
 - Max input voltage 6 V RMS, 8.4 V peak
 - Input impedance 10 k Ω
- AUX input
 - Max input voltage 3 V RMS, 4.2 V peak
 - Input impedance 100 k Ω
- MM Phono input*
 - Max input voltage 50 mV RMS, 70 mV peak
 - Input impedance 47 k Ω 68 pF
 - MM Gain +40 dB (x100) @ 1kHz
- SPDIF digital input
 - Max input voltage 3 V peak
 - Input impedance 75 Ω

Output Electrical

- Analog line outputs
 - Max output voltage 6 V RMS, 8.4 V peak, +15.6 dBV
 - Output impedance 300 Ω
 - DC offset voltage < 5 mV
- DAC output
 - Output voltage 0 dBFS = 2 V RMS, + 6 dBV
 - Sample rate Up-sampled to 358.2 kHz for 44.1/88.2 kHz
Up-sampled to 384 kHz for 48/96 kHz
- Tape/Zone output
 - Max output voltage 6 V RMS, 8.4 V peak, +15.6 dBV
 - Output impedance 300 Ω
 - DC offset voltage < 5 mV
- Headphones output
 - Max output voltage 6 V RMS, 8.4 V peak, +15.6 dBV
 - Output impedance 11 Ω
 - DC offset voltage < 5 mV
- SPDIF digital output
 - Max output voltage 500 mV peak
 - Output impedance 75 Ω

Audio Performance

- Line inputs
 - THD+N < 0.002 %
 - Dynamik range 110 dB
 - Signal to noise ratio 117 dB
 - Channel separation > 117 dB
 - Frequency response 2.5 Hz - 120 kHz (-3 dB)
- Pre-amplifier
 - MM RIAA Tracking ± 0.2 dB
 - 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
- Power amplifier
 - Power output 90 W RMS per channel into 4 Ω
 - THD+N < 0.015% (1 kHz, 1 W RMS into 4 Ω)
 - Dynamik range > 120 dB
 - Signal to noise ratio > 115 dB
 - Channel balance < ± 0.2 dB
 - Channel separation > 75 dB (1 kHz into 4 Ω)
 - Frequency response 6 Hz - 25 kHz (-3 dB into 4 Ω)
 - Damping factor > 170 - 25 kHz (-3 dB into 4 Ω)
 - Speaker output voltage 28.8 V peak
 - Gain 28.6 dB (relative to line out)
 - Load tolerance Unconditionally stable into all loudspeaker loads
 - Signal level for clipping 755 mV RMS, -2.5 dBV

* Input 4 configured as MM by default - speak to your Linn specialist to change to line level or upgrade to MC.

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