



AKURATE DS

OVERVIEW

High performance digital stream player

KEY FEATURES INCLUDE

- Plays digital music over a standard Ethernet network
- Streams internet radio, podcasts and 'listen again' broadcasts
- Decodes FLAC, WAV, ALAC, MP3, WMA, AIFF, AAC and OGG audio formats with up to 24-bit 192 kHz native sample rate
- Compatible with UPnP™ media servers and UPnP™ AV 1.0 control points
- Balanced (XLR), unbalanced (RCA) and digital (BNC SPDIF) outputs
- Linn Dynamik Switch Mode Power Supply (SMPS)
- Precision-engineered enclosure offers exceptional acoustic properties

Akurate DS is a digital music player that converts the highest quality formats into exceptionally faithful musical performances, setting the benchmark for music enthusiasts who value audio performance above all.

The latest Akurate DS player features a new ultra-low jitter master clock and completely redesigned audio board which maximises the potential of the DAC and reproduces stereo music with huge dynamic range and extremely low levels of distortion.

Akurate DS supports all popular digital music types, excelling with the highest quality recording formats such as Studio Masters. Enjoy high quality internet radio streams and podcasts through your Akurate DS and discover the difference a truly high fidelity digital music player can make to the latest online and on-demand music services.

Select your favourite interface from the huge range of compatible UPnP products - from a computer or touchscreen tablet to the latest smartphone - and enjoy album art and playlist control of your entire music collection.

Featuring the highest quality balanced, unbalanced and digital outputs, and housed in a stunning precision-engineered enclosure, Akurate DS has the supreme build quality and software upgradeability that ensures this is a music player engineered to last.

Akurate DS has to be heard to be believed - audition it alongside our other Akurate components to experience for yourself why the Linn Akurate System is the true performance choice for music lovers.



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1 Akurate DS (silver)
 2 Akurate DS (black)
 3 Akurate DS back panel (black)
 4 Akurate System (black) with Akurate 242 loudspeakers (black ash)

AKURATE DS

TECHNICAL SPECIFICATIONS

High performance digital stream player

- Date of introduction November 2010 (original model released November 2007)
- Type Digital stream player
- Dimensions (H) 91 mm x (W) 380 mm x (D) 380 mm
(H) 3.58 inches x (W) 15 inches x (D) 15 inches
- Weight 5,6 kg / 12.35 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
 - sleep 8 W
 - active 16 W
- Supported file types FLAC, ALAC, WAV, MP3, WMA (except lossless), AIFF, AAC, OGG
- 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
- Control interfaces Remote control IR receiver (IR handset supplied)
Ethernet 100Base-T RJ45
6 button front panel keypad
128 x 32 pixel front panel display
- Finishes Silver, Black

Back Panel Connectors

- Analog audio
 - Line out (L+R) 2 x RCA phono
 - Line out (L+R) Balanced XLR
- Digital audio
 - SPDIF Out BNC
- Control
 - Ethernet 100Base-T RJ45
 - RS232 (1 & 3) 4 x RJ11

Output Electrical

- RCA outputs
 - Output voltage 2 V RMS (0 dBFS, vol. 80)
 - Output impedance 300 Ω
- XLR outputs
 - Output voltage 4 V RMS (0 dBFS, vol. 80)
 - Output impedance 600 Ω
- SPDIF digital output
 - Output voltage 0.5 V (when terminated with 75 Ω)
 - Output impedance 75 Ω

Audio Performance

- THD+N < 0.002 %
- Dynamic range > 110 dB

Digital Pre-amplifier

- Gain range -80 dB to +20 dB
- Gain resolution 1 dB
- Unity gain volume 80

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 Records Limited

Glasgow Road, Waterfoot, Eaglesham, Glasgow G76 0EQ, Scotland, UK.

Telephone: +44 (0) 141 303 5027, Facsimile: +44 (0) 141 303 5007, Helpline/Mail order: +44 (0) 141 303 5029, E-mail: records@linn.co.uk,

Website: www.linnrecords.com

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