KLIMAX DS

OVERVIEW

Reference 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
- Songcast support allows synchronised playback of audio from other DS players within a Linn multiroom system
- Compatible with UPnP™ media servers and UPnP™ AV 1.0 control points
- Balanced (XLR) and unbalanced (RCA) outputs
- Linn Dynamik Switch Mode Power Supply (SMPS)
- Acoustic enclosure machined from a single billet of aluminium

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Quite simply the finest digital music player in the world, Klimax DS is set to shape the future of music and how people listen to recorded music forever.

The latest Klimax DS player features Dynamik power supply technology, a new ultra-low jitter master clock and completely redesigned audio board which produces an incomparable dynamic range with exceptionally low levels of distortion and our lowest noisefloor yet.

2

Klimax DS plays all popular digital music formats, truly singing with the highest quality Studio Master recordings and lifting even compressed formats to previously unheard levels. For the ultimate playback of internet radio, podcasts and other online music services, simply tune in, sit back and enjoy.

3

Select your favourite interface from the huge range of compatible touchscreen controllers and enjoy album art and playlist control of your entire music collection.

Klimax DS is housed in a specially anodised enclosure machined from a single billet of high-grade aluminium and polished to a velvet-touch finish.

The audio circuit board and power supply are enclosed in separate solid aluminium 'rooms' within the chassis, screening and protecting them from vibration, thermal variations and electromagnetic interference to preserve the integrity of the music signal.

The Klimax DS completes the Klimax System – the ultimate manifestation of precision engineered performance and beauty.

4

1 Klimax DS (silver)
2 Klimax DS (black)
3 Klimax DS back panel (silver)
4 Klimax DS, Klimax Kontrol (silver) with Klimax loudspeakers (piano black)

KLIMAX DS

TECHNICAL SPECIFICATIONS

Reference digital stream player

• Date of introduction	May 2011 (original model released July 2007)
• Type	Digital stream player
• Dimensions	(H) 60 mm x (W) 350 mm x (D) 355 mm
	(H) 2.3 inches x (W) 15 inches x (D) 14.2 inches
• Weight	10 kg / 22 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	
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
	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
• 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	150 Ω
• XLR outputs	
Output voltage	4 V RMS (0 dBFS, vol. 80)
Output impedance	300 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

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