![LINN logo]

SNEAKY MUSIC DS
OVERVIEW

Network music player

KEY FEATURES INCLUDE

- Plays music stored on your hard-drive or NAS (Network Attached Storage)

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

- Access to SHOUTcast Internet radio

- On-board volume control and power amplification (20 W)

- Linn GUI (Graphical User Interface) software compatible with PC and UMPC (Ultra Mobile PC)

- Standard Ethernet input for audio and control

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

- Can be positioned either horizontally or vertically

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Sneaky Music DS combines the convenience of a network music player with Linn's experience, expertise and commitment to high quality music reproduction.

Sneaky Music DS converts digital data streamed over a standard Ethernet network, to high quality analogue audio. With its on-board volume control and power amplifier, add Sneaky Music DS to your home network and connect your loudspeakers to enjoy the best quality reproduction of your music available from a network music player.

Sneaky Music DS supports the highest quality and most widely used audio formats currently available on the market (FLAC, WAV and MP3), and plays all high quality audio sample rates and bit depths natively. Sneaky DS has a custom-designed up-sampling engine which reduces noise and signal distortion, ensuring you get the best possible reproduction of your music files.

As well as your music downloads and ripped cds, you can also listen to a huge collection of SHOUTcast Internet radio stations from around the world.

You can control your Sneaky Music DS with any UPnP™ AV 1.0-compatible third party device, allowing you to choose whichever hand-held wireless device you prefer. You can even add Sneaky Music DS to an existing Linn Knekt or third party multi-room system quickly and easily.

Sneaky Music DS uses standard open interfaces for audio and control, and can be updated via software upgrades to ensure support for future features and audio formats.

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SNEAKY MUSIC DS

TECHNICAL SPECIFICATIONS

Network music player

•	Date of introducton	March 2008
•	Type	Network music player
•	Dimensions	(H) 44.5 mm x (W) 345 mm x (D) 274 mm
		(H) 1.8 inches x (W) 13.6 inches x (D) 10.8 inches
		(can be positioned horizontally or vertically)
•	Weight	2.7 kg / 6 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	10 W
	operational	14 W
	maximum continuous	120 W
•	Supported file types	WAV, FLAC, 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
•	Ethernet interface	100Base-T RJ45
•	Control protocol	Compatible with UPnP™ media servers,
		UPnP™ AV 1.0 control points
•	Local control	RS232 x 2 RJ11
		Remote controllable (handset not supplied)
•	Connector types	
	optical digital output	TOSLINK
	coaxial digital output	RCA phono
	line outputs	RCA phono
	speaker outputs	Inverted safety 4 mm BFA sockets
•	Output impedance	
	line outputs	300 Ω
	speaker outputs	0.06 Ω
•	Output voltage	
	line outputs	2.8 V peak, 2 V rms (0 dBFS)
	speaker outputs	15 V peak, 10 V rms (0 dBFS, 16.6 dB gain, vol. 79)
•	Output offset	
	line outputs	< 2 mV
	speaker outputs	< 3 mV

•	Signal to noise ratio	
	line outputs	Better than -120 dB
•	Channel balance	Better than +/- 0.2 dB
•	Channel separation	
	line outputs	Better than -120 dB
	speaker outputs	Better than -100 dB
•	Gain range	-80 dB to +20 dB
•	Gain resolution	1 dB
•	Unity gain volume	0 dB = volume 80
•	Dynamic range	120 dB
•	Damping factor	67
•	Signal level for clipping	415 mV rms (0 dBFS, +16.6 dB gain, vol. 79)
•	Harmonic distortion	< 0.03% at 1 kHz at 10 W
•	Load tolerance	Unconditionally stable into all loudspeaker loads
•	Frequency response	
	pre-amp	2.5 Hz – 170 kHz (-3 dB)
	power amp	2.5 Hz – 48 kHz (-3 dB)
•	Speaker output voltage	15 V peak
•	Speaker output power	20 W into 4 Ω