

Logitech® Transporter

Inspired by music. Engineered to delight.

- Transmits superior-quality audio from your PC to your stereo
- Access thousands of Internet radios including your favourites, even with your PC switched off
- «Miracle» digital to analog converter AK4396 for superior music quality
- «Bit-perfect» CD audio streaming, with reduced storage and bandwidth usage
- Transmits compressed and uncompressed music formats
- Built-in 802.11g and Ethernet port, so it can be wired or wireless
- Works on PC, Mac & Linux
- 2-year guarantee
- Full product support

Designed to appeal to the most discerning audiophiles and music lovers, Transporter streams digital music to your stereo with a sound quality that surpasses even compact disc players. At the heart of this premium player is a «no compromise» attitude to component selection and electronic design. Its TransNav™ built-in controller uses dynamic tactile feedback to provide fast access to any song even in the largest music collection. The «miracle» digital to analog converter AK4396 was chosen for its high dynamic range and low distortion. As a result, Transporter provides extraordinary accuracy at higher frequencies and reproduces the finest details of any recording.



Logitech® Transporter



Technical specifications

Audio Outputs and Inputs

- Audio Outputs (general)
- Digital and analog outputs
- Gold-plated RCA, XLR, and BNC connectors

Analog Outputs

- AKM AK4396 Multi-bit delta-sigma digital to analog converter
- Signal-to-noise, Dynamic Range: 120dB
- THD+Noise: -106dB (0.00005%)
- Linear Super-Regulated supplies for DAC and line-out stages

Balanced Analog Outputs

- Connectors: XLR gold-plated
- Level: 3Vrms (8.5Vpp)
- Impedance: 100 Ohms
- Attenuation: Fixed -0dB

Unbalanced Analog Outputs

- Connectors: RCA gold-plated
- Level: 2Vrms (5.7Vpp)
- Impedance 100 Ohm (at -0dB)
- Attenuation: Selectable -0, -10, -20, -30dB

Digital Outputs and Inputs

- Optical, coax, BNC, and XLR digital connectors
- Word clock input for synchronization with an external clock
- Linear-regulated power for all clock paths
- Dedicated high-precision crystal oscillators (no PLL, no resampling)
- Standard IEC-958 (S/PDIF) or AES/EBU encoding
- Optical connector: TOSLINK 660nm
- RCA connector: capacitor-coupled 500mVpp into 75 ohms
- BNC connector: transformer-coupled, 500mVpp into 75 ohms
- XLR connector: 4.7Vpp into 110 ohms
- Sample rates: 44.1kHz, 48kHz, 96kHz
- Audio format: linear PCM, 16 or 24 bits per sample
- Jitter (standard deviation):
- 11ps at oscillator (intrinsic jitter)
- 17ps at DAC
- 35ps at S/PDIF receiver

Audio Formats

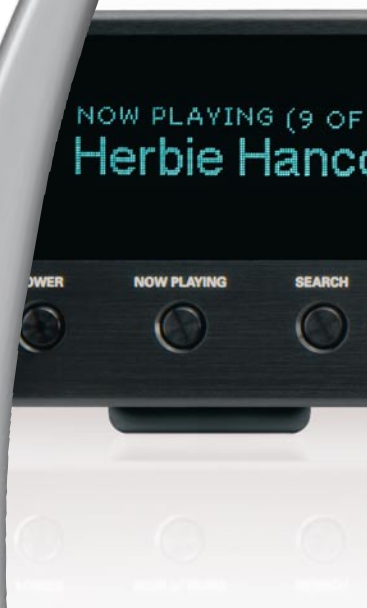
- Lossless Formats (Apple Lossless, FLAC, WMA Lossless)
- «Bit-perfect» CD audio streaming, with reduced storage and bandwidth usage.
- Approximately 2:1 compression ratio

Uncompressed formats (AIFF, WAV, PCM)

- Supports raw pass-through of uncompressed PCM audio formats
- Digital passthrough to S/PDIF for DTS
- Easy setup for wireless networks

Compressed formats (MP3, AAC, Ogg Vorbis, MP2, MusePack, WMA)

- MPEG decoding uses MAD software, widely regarded as the most accurate, most compatible MP3 decoder.
- High accuracy 24-bit synthesis
- Supports all MP3 data rates and sample rates, including VBR
- May be streamed in PCM (raw), MP3 (transcoded), or FLAC (transcoded) formats
- Sound Check and Replay Gain support for automatic volume control.
- Some formats may require additional software installation (e.g. Quicktime), depending on platform.



Technical specifications

Internet Radio

«Always-on» Internet Radio, powered by SqueezeNetwork, lets you tune in to Internet Radio streams even when the home PC is switched off.

Firmware

- Flash upgradeable firmware
- Network settings are stored in non-volatile memory
- Auto-configuration for most networks
- Easy setup for wireless networks

Architecture

- 325 MHz 8-way multithreaded RISC processor
- «Pure software» SlimDSP™ architecture
- Field-upgradeable Xilinx CPLD
- 64Mb high-speed RAM
- 16Mb program flash
- Low-power, fanless design

Network

- Wireless Interface
- True 802.11g wireless networking (can be disabled)
- Bridging capability allows Ethernet devices to connect to the network through the wireless interface
- Throughput up to 54Mbps, high speed PCI interface to radio module
- Dual external antennas for improved range and throughput
- Supports all 802.11b and 802.11g access points
- Automatically detects available wireless networks for quick setup
- Supports both WPA Personal, WPA2-AES and 64/128-bit WEP encryption

Ethernet Interface

- True 100Mbps throughput
- Shielded CAT5 RJ-45 connector
- Connects to any 100Mbps or 10Mbps network
- Auto-detects full duplex and half duplex modes
- Automatic receive polarity correction
- Maximum cable length: 100 meters (328 feet)

Home Automation Interface

- RS-232 connector for serial integration with Crestron and other home automation systems

Power Input

- 100-240v, 50-60Hz AC
- Internal Fuse: 500mA
- Standard IEC power connector
- Included IEC power cable specific to shipping destination

Power Supply

- Separate linear supplies for Analog, DAC, and clocks
- Auto-ranging, relay-controlled AC input
- Three Super Regulators for analog stages (+15, -15, +5)
- High-efficiency, low noise SMPS for CPU, Display
- Continuous AC voltage monitoring
- Automatic over-voltage protection
- Low-power «deep sleep» mode

System Requirements:

- All systems: 512MB RAM, ethernet or wireless network, and 40MB hard disk space
- Macintosh: Mac OS X 10.3 or later
- Windows: 733Mhz Pentium running Windows NT/2000/XP/Vista
- Linux/BSD/Solaris/Other: Perl 5.8.3 or later



Logitech® Transporter

Technical specifications

Display

- Two large, high-resolution vacuum fluorescent displays
- 640x32 greyscale pixels, combined display
- Beautiful high-speed, full-screen visualizers
- Bitmapped graphics, multiple fonts, animation, and images
- Brightness control

Infrared Remote

- Standard 38Khz IR
- Hand-held remote, 32 backlit buttons
- Includes «SmartScroll» algorithms to quickly access favorite songs within large lists
- Custom codes do not conflict with other devices

Package specifications

Black	Primary Pack	Master Shipper/ Out Case pack
Part # :	930-000027	n/a
Bar Code (EAN-13) :	5 099 206 003 903	5 099 206 003 9005

Silver	Primary Pack	Master Shipper/ Out Case pack
Part # :	930-000028	n/a
Bar Code (EAN-13) :	5 099 206 003 910	5 099 206 003 9104
Weight	5.320 g	6.280 kg
Length	49.85 cm	52.00 cm
Width	49.69 cm	52.00 cm
Height/Depth	19.53 cm	23.00 cm
Volume	48.4 dm ³	0.06219 m ³
1 Single Carton	1	n/a
1 Case Pack	0	n/a
1 Outer Case Pack	1	1
1 Pallet	18	18
1 Container 20 ft	440	440
1 Container 40 ft	920	920

Package contents

- Transporter wireless digital Music Player
- Backlit 31-key infrared remote, with 2 AA batteries
- AC Power cable
- Instructions manual
- 2 years guarantee

www.logitech.com

© 2007 Logitech. All rights reserved. Logitech, the logo Logitech, and other Logitech marks are owned by Logitech and may be registered. All other trademarks are the property of their respective owners.

