McIntosh

MX124 A/V PROCESSOR



McIntosh

SINCE 1949

Sound is not just the DNA of McIntosh, it is the heartbeat that resonates within every product we bring to life, connecting music lovers to the soul-stirring power of sound. Join us on a journey to elevate your sound experience.





A NEW STANDARD IN LUXURY HOME THEATER

The MX124 A/V Processor invites you to experience cinematic excellence in the McIntosh way: where uncompromising engineering meets the art of storytelling. With 13.4 channels of immersive audio, stunning 8K Ultra HD clarity, and the vivid realism of advanced HDR, the MX124 transforms every viewing into an event.

With the latest in advanced processing and a design built for performance, it delivers a level of home entertainment that is unmistakably McIntosh.



UNMATCHED IMMERSIVE AUDIO WITH FOUR SUBWOOFERS

The MX124 places you squarely at the center of the action with 13.4 channels of powerful, precise audio. Its 13 audio channels and 4 subwoofer outputs allow for immersive configurations such as 7.4.6 or 9.4.4, creating a sonic environment where every detail, from the softest whisper to the deepest bass impact, is fully realized. Its 4 dedicated subwoofer outputs are twice as many as the previous model, delivering an even more impactful bass performance.

Compatible with today's leading surround formats – including Dolby® Atmos, DTS:X® Pro, Sony 360 Reality Audio, and MPEG-H Audio – the MX124 ensures studio-grade accuracy. Nine 32-bit audiophile-grade DACs provide pristine digital-to-analog conversion, while bass and treble controls allow you to tailor the system to your personal listening preferences.



STUNNING, TRUE-TO-LIFE PICTURE QUALITY

To bring your visual world to life, the MX124 features 7 HDMI inputs and 3 HDMI outputs (including one with eARC[1]), all supporting 8K/60Hz and 4K/120Hz[2] resolutions. Two HDMI outputs serve the main video zone, with the third output allowing independent video playback in a second zone. Every HDMI port is engineered to deliver the very best in video performance with compatibility with High Dynamic Range (HDR) formats Dolby Vision™, HDR10+, and HLG for exceptional depth, contrast, and color accuracy on a scene-by-scene or even a frame-by-frame basis. The MX124 is also IMAX® Enhanced for elevated picture precision and powerful, theater-grade sound.

Additional advanced HDMI features include: HDCP 2.3; Rec. 2020; 4:4:4 Color Spacing; Dynamic Lip-sync; 3D Video Passthrough; Auto Low Latency Mode (ALLM); Quick Frame Transport (QFT); and Variable Refresh Rate (VRR).

STATE-OF-THE-ART ROOM CORRECTION





To ensure the MX124 performs flawlessly in your environment, it includes Dirac Live® Room Correction and Dirac Live Bass Control (all licenses included). Dirac Live Room Correction analyzes your room, adapts to its acoustics, and corrects anomalies for unmatched clarity and imaging.

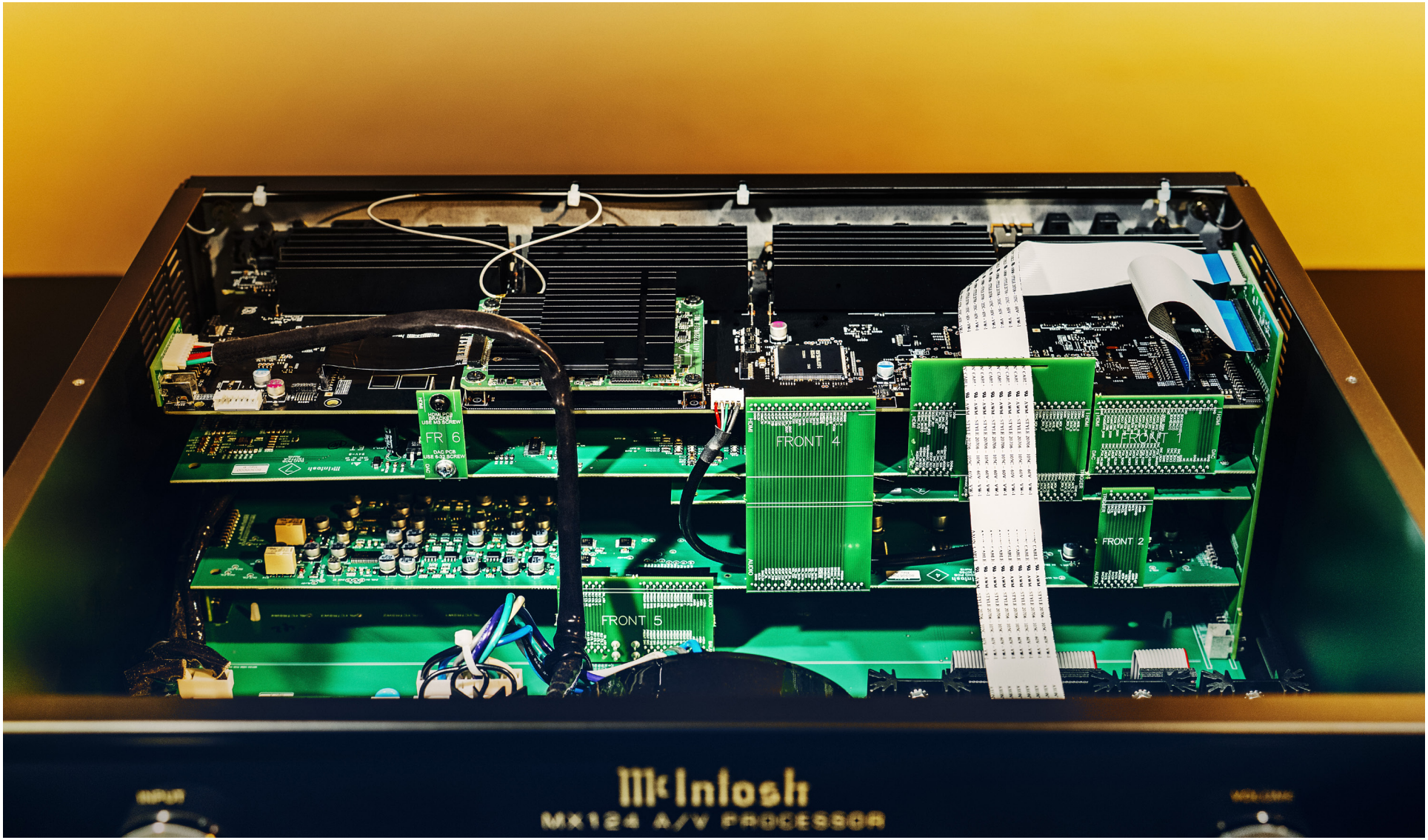
Dirac Live Bass Control is a specialized algorithm that runs alongside Dirac Live Room Correction to optimize bass performance of a home audio system and to manage the interaction between the subwoofers and speakers. This results in tight, balanced bass that is consistent throughout the space and eliminates “boomy” or uneven low frequency performance.

With Dirac Live Bass Control, the MX124 not only doubles the number of subwoofer outputs compared to the previous model – it also delivers significantly greater bass precision and control for a more refined, impactful low-frequency experience.

The MX124 also features Audyssey MultEQ® XT32 room correction, giving you the flexibility to calibrate with either system and choose the correction you prefer.

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ENGINEERED FOR EXCEPTIONAL PERFORMANCE

The MX124 reflects McIntosh's unwavering focus on audio performance. While it utilizes a proven HDMI solution chosen for reliability and seamless compatibility with today's entertainment sources, everything else including the audio architecture is designed and engineered by McIntosh.

Proprietary analog and digital audio circuitry, audiophile-grade DACs, advanced analog output stages, meticulous signal routing, and thoughtfully engineered power supply designs work together to reveal remarkable levels of detail and realism. Backed by more than 75 years of engineering expertise, the MX124 delivers the refinement, performance, and reliability expected from a luxury home entertainment system.



INSTALLER-FOCUSED DESIGN

The MX124 is certified Connects with Control4® through Control4's Simple Device Discovery Protocol (SDDP), enabling seamless integration into Control4 automation systems while reducing installation time. It has also received Works with Crestron Home certification, allowing effortless integration with two of the industry's leading home automation platforms. Together, these certifications provide greater flexibility for installers and a streamlined smart home experience for homeowners.

Setup of the MX124 is simple and efficient:

- Configuration via web GUI
- Pre-configuration and file upload on install
- Backup/restore support
- RS232 for automation control (standard RS232 commands are available through IP control)
- Full-size metal microphone stand for precise calibration
- Rack mounting is straightforward with proper ventilation and a weight appropriate shelf



HIGH-PERFORMANCE MUSIC STREAMING

Beyond cinema, the MX124 excels as a premium music hub. Enjoy seamless streaming[3] at 32-bit/192kHz through:

- Apple® AirPlay®
- Bluetooth®
- Qobuz Connect
- Spotify® Connect (including Spotify Lossless)
- TIDAL® Connect (including TIDAL Max)

The MX124 is also Roon Ready, ensuring bit-perfect playback and an exceptional multiroom music experience when using Roon's streaming platform.



COMPREHENSIVE CONNECTIVITY

Additional inputs and outputs include:

- 4 digital audio inputs
- 1 balanced and 8 unbalanced analog stereo inputs
- Component and composite video inputs
- Dual analog stereo outputs to accommodate two additional listening zones

A built-in Bluetooth Transmitter allows a pair of Bluetooth headphones to be connected for when personal listening is preferred.



BRING THE THEATER HOME

The MX124 embodies McIntosh's long-standing commitment to engineering excellence and luxury home entertainment. Pair it with McIntosh amplifiers and a combination of our floor standing, in-wall, or in-ceiling speakers to create a home cinema that elevates every viewing.

Visit your local authorized McIntosh dealer to explore the MX124 and build the theater experience you've always imagined.

1) To utilize ARC/eARC functionality, the TV must be compatible with ARC/eARC.
2) Ultra-High Speed HDMI cables are required to take full advantage of the MX124's HDMI capabilities. Zone 2 HDMI output is 4K.
3) All services may not be available in all regions; certain services may not yet be enabled for all apps; subscriptions may be required.



CONNECTIVITY

Multi-Channel Outputs Balanced: 11.4

Multi-Channel Outputs Unbalanced: 15.4

Stereo Inputs Balanced: 1

Stereo Inputs Unbalanced: 8 (including 1 Moving Magnet Phono)

Stereo Outputs Unbalanced: 2 (for Zones 2 and 3)

HDMI Inputs: 7

HDMI Outputs: 3

Digital Coaxial Inputs: 2

Digital Optical Inputs: 2

USB Inputs: 1 (Type A)

Component Inputs: 1

Composite Inputs: 2

Subwoofer Outputs: 4

Bluetooth Transmitter: Yes

Network Connections: 1

Streaming Services: Apple AirPlay; Bluetooth; Qobuz Connect; Spotify Connect; TIDAL Connect; Roon Ready

Max # of audio channels in Zone A: 17 (13.4)

Additional Zone Outputs: Zone 2: HDMI audio/video, analog stereo audio; Zone 3: Analog stereo audio

HDMI FEATURES

Resolution and Refresh Rates: 8K/60Hz and 4K/120Hz

HDCP: 2.3

High Dynamic Range (HDR) Formats: HDR (static HDR); Dynamic HDR; Dolby Vision (including low latency); HDR10+; HLG

eARC: Yes (on 1 output)

Video Scaling: 8K Upconversion

4:4:4 Color: Yes

Rec. 2020 (BT.2020): Yes

3D video pass-through: Yes

Dynamic Lip-sync: Yes

Auto Low Latency Mode (ALLM): Yes

Quick Frame Transport (QFT): Yes

Variable Refresh Rate (VRR): Yes

AUDIO FORMATS

Dolby: Dolby Atmos, Dolby Surround Upmixer

DTS: DTS-X Pro, Neural:X Surround Upmixer, DTS Virtual:X

MPEG-H Audio: Yes

360 Reality Audio: Yes

IMAX Enhanced: Yes

ELECTRONIC SPECIFICATIONS

Frequency Response: ±0.5 dB from 20 Hz - 20 kHz; Subwoofer: ±0.5 dB from 20 Hz - 8 kHz

Total Harmonic Distortion: 0.005% (DSP Bypass)

Signal To Noise Ratio: Phono: 86 dB below 10 mV Input; High Level: 96 dB below rated Output

CONTROL

Third Party Control: Connects with Control4 Certification (SDDP); Works with Crestron Home Certification

Tone Controls: 9 Band Equalizer

OSD Overlay on HDMI Output: Yes

Input-Output Format Indicators: 9 in and 9 out

RS232 Control Inputs: 1

Power Control Outputs: 2

Rear Panel Data Ports: 1

Rear Panel IR Sensor Inputs: 1

GENERAL SPECIFICATIONS

DSP Bypass Mode: Yes

Room Correction: Dirac Live Room Correction and Dirac Live Bass Control (all licenses included) and Audyssey MultEQ XT32, Dynamic EQ / Dynamic Volume, LFC

Room Correction Microphone and Stand Included: Yes

Bluetooth Version: 5.4

Bluetooth Supported Protocols: A2DP, SBC, 2.4G Hz

Channel Formats: 13.4, 9.2.4, 7.1, 5.1, Stereo

Network Features: Wi-Fi dual band 2.4/5GHz

Unique Crossover Frequency, Each Speaker: Yes

WEIGHTS & DIMENSIONS

Unit Dimensions (W x H x D): 17-1/2" (44.45cm) x 7-3/4" (19.7cm) (including feet) x 17" (43.2cm)

Unit Weight: 29 lbs (13.2 kg)

Shipping Dimensions (W x H x D): 25" (63.5cm) x 18-3/8" (46.7cm) x 28" (71.1cm)

Shipping Weight: 53 lbs (24 kg)

LEARN MORE

Visit mcintoshlabs.com/MX124

McIntosh

MX124 A/V PROCESSOR



8K ULTRA HD · COMPATIBLE WITH Dolby Vision · HDR10+ · HLG Hybrid Log Gamma · IMAX ENHANCED · IMAX dts

Dolby Atmos · dts X · 360 REALITY AUDIO · MPEG-H AUDIO · DIRAC LIVE RC-BC INCLUDED · AUDYSSEY MULTEQ XT32 DYNAMIC VOLUME

Works with Apple AirPlay · Bluetooth · qobuz CONNECT · roon READY · Spotify · TIDAL connect

DISCOVER MX124

Rev 01