

# MAPLEWOOD MEMORIAL LIBRARY

## PROFILE SUMMARY



## TRANSFORMING A COMMUNITY SPACE THROUGH TECHNOLOGY

The Maplewood Memorial Library in Maplewood, New Jersey, recently underwent a major renovation to create a modern, flexible environment for learning, collaboration, and community events. As part of this transformation, the township partnered with our team to design and deliver a state-of-the-art audiovisual system that supports the library's mission to connect people through knowledge and technology.

## THE CHALLENGE

The library needed a reliable, easy-to-use AV solution that could support everything from quiet study sessions to large community gatherings and hybrid public programs.

- Creating flexible spaces that could adapt to multiple event types and room layouts.
- Ensuring simple operation for staff and guests with minimal training.
- Delivering hybrid connectivity for remote participation in community event.

## OUR SOLUTION

To meet these goals, our team implemented a scalable, network-based AV system centered on Extron technology for control, switching, and signal distribution.

- **Extron Control & Switching** – Centralized control system with intuitive wall touch panels, enabling one-touch operation for source selection, volume, and room presets.
- **Audio System** – Extron DTP Matrix switcher and MPA Amplifier with distributed SoundTube ceiling speakers and Shure wireless microphones providing clear, consistent sound coverage.
- **Hybrid Collaboration** – Integrated Biamp VBC conferencing cameras for Microsoft Teams and Zoom meetings.
- **Digital Signage** – BrightSign players powering dynamic, centrally managed content throughout public areas.
- **Accessibility** – Assistive listening systems ensuring ADA compliance and inclusivity for all visitors.

## THE RESULTS

The new AV systems empower Maplewood Memorial Library to host a wider range of programs and experiences than ever before.

- **Simple Operation** – Staff can easily manage room modes and start events in seconds.
- **Enhanced Engagement** – From children's story hours to town hall meetings, the technology supports vibrant community experiences.
- **Hybrid Ready** – Seamless integration with video conferencing allows participation from anywhere.
- **Future-Proof Design** – Network-based architecture allows easy upgrades as needs evolve.

## A SMARTER, MORE CONNECTED LIBRARY

The Maplewood Memorial Library now stands as a model for how technology can enhance public learning spaces. Through thoughtful design and user-focused integration, the library has become a true community hub — connecting people, ideas, and possibilities through modern AV innovation.

- **Location:** Maplewood, New Jersey | **Completed:** September 2025 | **Duration:** 27 months
- **Scope:** Full-facility AV design, installation & commissioning
- **Spaces Covered:** Community Room, Study Rooms, Staff Conference Room, Children's Area, and Public Signage Zones

