

# Lodge-Style Lakeside Retreat Takes Guest Experience to the Next Level

Meredith, NH



## The challenge

Integrate a complete automation solution in a lodge-style playhouse located on the grounds of a lakeside vacation retreat without disrupting the aesthetic and theme of the building. Make it extremely easy to use to help enhance the guest experience.

## The solution

A discreet, end-to-end Crestron automation solution featuring advanced AV distribution, lighting, climate control, motorized shades, air supply management, surveillance, and security.

## Introduction

This stunningly beautiful 15,000 sq. ft. lodge-style playhouse sits on a lavish family and guest orientated lakeside retreat in Meredith, NH. The two-level playhouse was designed to provide guests with entertainment and limitless fun. Inside the playhouse there is: a 1,200 sq. ft. cinema with seating for 28 people; a four-lane bowling alley; a full-sized basketball court; a gaming room with TV, music, and arcade games; a toddler play area; and an adult lounge complete with a soaring fireplace, professional billiards tables, comfortable seating, a kitchenette, and bar.

To help make the owner's vision of an unforgettable guest experience a reality, he turned to Nick Mark and his team at Portsmouth, NH based Crestron integrator DC Home Systems.

The owner made it clear that the technology in the playhouse needed to be subtle and discrete. It was critical to not disrupt the aesthetic and theme of the building. It was also imperative that all the technology be easy to use and enable guests to have a more fun, comfortable, and enjoyable vacation experience.

## Technology

The entire retreat is enhanced by aesthetically conscious Crestron technology including advanced AV distribution based on DigitalMedia™ technology, and control of lighting, climate, motorized shades, air supply management, surveillance, and security, based on a Crestron 3-Series® Control System. Crestron Sonnex® speakers deliver a powerful 'fragrance' of music that flows throughout each area.

To ensure the best possible user experience, the DC Home Systems team designed a custom user interface consistent with the owner's other properties. Additionally, each feature in the playhouse can be controlled from anywhere in the world via the Crestron Mobile App. To ensure privacy, surveillance cameras can be deactivated when the client activates home-mode on the Crestron control keypad, which also activates the HVAC system, sets the lighting, and in the winter months, turns on the fireplace.



With limited space in the AV rack room, and with an immense amount of technology required for the project, Nick and his team managed to configure all the equipment to fit into three head-end racks, thus ensuring that the technology would not intrude or distract from the overall space.

### Results

With the help of Crestron, DC Home Systems, and everyone else involved with this project, the client was overwhelmingly pleased with the results. The easy-to-use technology invisibly fits into and enhances each space, enabling guests to enjoy an effortlessly pleasing experience.



### Featured Products

- **4K DigitalMedia™ Receiver & Room Controller 100**  
DM-RMC-4K-100-C
- **HDBaseT® Certified 4K DigitalMedia Input Card w/ Downmixing for DM® Switchers**  
DMC-4K-C-DSP
- **Wall Plate 4K DigitalMedia Transmitter 100**  
DM-TX-4K-100-C-1G
- **2-Channel HDBaseT Certified 4K DigitalMedia Output Card for DM Switchers**  
DMC-4K-CO-HD-HDCP2
- **Network Stream Player**  
CEN-NSP-1
- **10-Motor Power Supply with Ethernet to Cresnet® Bridge and Cresnet Hub**  
CSA-PWS10S-HUB-ENET
- **3-Series Control System**  
PRO3
- **Sonnex Multiroom Audio System**  
SWAMP-24X8
- **Sonnex Multiroom Audio Expander, 8-Zone**  
SWAMPE-8

