

## Keene Public Library

### Building and Grounds Committee

#### Meeting held April 8, 2022 at 1:00 PM (DRAFT)

Members present: Paul Henkel, Carl Jacobs, Susan Bloom, Kathleen Packard, Sally Rinehart, Marti Fiske and Nik Morton

#### **New Business** - Audio Visual Capabilities and Equipment

Nik Morton of the City IT Department has been acting as a consultant in determining audio Visual needs in Cohen Hall and Heberton Hall. He arranged to loan us an improved mixer so we could evaluate it. In February, the Buildings and Grounds Committee recommended and the Board approved some additional microphones to expand our capabilities.

2x Additional cabled microphones Shure SM58 - \$99/each - \$198/SubTotal  
3x Shure SLX24/SM58 Wireless Handheld Microphone System - \$599/each  
\$1995 Total

The Buildings and Grounds Committee today voted to recommend purchase of an Allen and Heath QU-16C Digital Mixer for up to \$2400. The Allen and Heath QU-16C Digital Mixer accepts up to 16 mic inputs and programmable resets. It has a one year warrantee. There is some money earmarked for AV improvement and it is believed this is an appropriate expenditure of a portion of those funds.

Nik explained that the cabling in Cohen Hall has long paths and in spite of shielding on the cables, there is radio frequency (RF) noise on the lines. The fethead amplifiers in present use allow the plug in microphones to be used, but at maximum amplification RF noise can still be faintly heard. Nik has consulted with Access AV and he suggests we consider purchase of a digital Stage Box and have it installed by Access AV. The Stage Box is 16" x 7.4" x about 8" deep and weighs 10.5 pounds.

Allen and Heath QU16 Stage Box	\$1295
Cable	\$ 109
Travel	\$ 149
Installation	\$1395

Nik suggested the Stage Box could be plugged in each time a mic is used, or it could be permanently installed at the top of the "micro" stage in Cohen Hall. An appropriate fire resistant cabinet will be identified. The Stage Box will be considered as part of our overall audio and visual capabilities solution.

We discussed our goal to provide users an excellent meeting space including expanded AV equipment and excellent user support.