

## WHY HIBBEN NEEDS VIDEO & DATA PROJECTORS

Perhaps the best argument for using video is that it tracks well with contemporary Americans. This increasingly graphic and image oriented medium reaches people in our current society. In other words, it is the "language of our culture". We have it in all other settings and many churches have already recognized the fact that video and graphics data projectors have become essential presentation tools – Hibben just needs to catch-up.

### 1. What is Hibben Doing To Adopt This Technology?

It's not that Hibben is oblivious to the benefits of video – we are using it on a small scale right now.

- Children's church uses VHS tapes and DVDs on a 20 inch TV monitor for bible education
- Bible Study Groups – Many of these groups use VHS tapes feeding a 20 inch TV monitor as part of the study program
- Stewardship Videos – We rent a projector with screen and produce a custom made video illustrating what our church has been doing over the past year. This is a once a year event
- Youth Super Bowl – We beg, borrow or rent a projector and feed a TV signal from a temporary TV antenna. This is a once a year event.
- Graduation Breakfast – Again, we beg, borrow or rent a projector to show a custom made video of the graduates. This is a once a year event.

Total cost for projector rental for the above 3 events is \$825 per year. (\$250 for the projector & \$75 for the screen).

### 2. So where would Hibben use a projector?

a. **Sanctuary** - We generally only show one video per year in the sanctuary. This is the Stewardship video that we put together illustrating what our church has been doing over the past year. However, if the church owned a suitable projector, it could be put to many uses that would enhance our worship services. The following examples, facts and thoughts are presented for consideration:

- For instance, a short clip from last year's mission trip, youth activity or other special activity can convey the message and build interest in this year's event that just can't be done with a simple verbal plea. Such media can be used to report the activities of the youth or other special groups to show the whole church what is happening in the congregation. Pictures and reports from the mission field can help keep the member's interest high for these important works
- Media could be in a video format like the Stewardship video, which was produced using a camcorder, digital camera and a PC, or it could be a PowerPoint presentation prepared on a PC by various groups within the church. The projector that is being proposed has both a computer input capability as well as accepting inputs from VCRs, camcorders and DVD players.
- When we get to the point of installing a permanent screen and projector in the sanctuary, we could begin using it more often. The computer-input capability of the projector would allow us to put detailed information on the screen that wouldn't be covered in verbal announcements alone. Information could be displayed during pre-service and post-service, giving information about our church, and upcoming events. Unlike preprinted announcement sheets, the message can be changed at the last moment. With video projectors, churches can show full color photos and even video clips.
- Many congregations are even replacing their hymnals with big screen computer projection systems. Advocates of projected lyrics say that it generally improves worship because it is no longer necessary for worshippers to squint down burying their faces in hymnals rather than singing to one another. Popular software programs make it simple to create "slides" containing the words to an unlimited number of

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hymns and choruses. These songs can be numbered, saved indefinitely and instantly projected from a PC located in the sound room. If Hibben ever decides to add a contemporary service, then big screen computer song projection would be essential.

**No one is advocating the replacement of our hymnals**, but Hibben could benefit by projecting the videos discussed above and text, such as, pre and post-service announcements, and even perhaps the Apostles Creed, baptism and communion readings. If we had the capability - who knows what else we could do. The existing "Sound Team" would be expanded to a "Media Team" to handle the additional work.

**b. Christian Life and Learning Center** - The CL&LC is already equipped with an excellent powered screen. Use of the projector in the CL&LC would be primarily to support the Youth and Children's Ministries. Although, it is easy to envision it also being used by many adult organizations (FAO, UMW, UMM, etc.) whenever presentations are being made. In fact, it could be rented to outside organizations that have rented the CL&LC. The following activities could certainly benefit from a church owned projector:

- **Children's Ministry**
  - Wonderful Wednesday Program
  - Preschool
  - Lock-Ins
  - Musical/Plays
- **Youth Ministry** – Our Youth Director submitted the following email which describes possible uses for a projector:

*Besides the current reasons for our church needing a projector, please let me share my thoughts with you. If we had a projector that worked well and could be connected to a laptop computer, I would be able to use it at least twice a week for youth meetings. I currently have some wonderful, up-to-date, curriculums and lesson plans on CD-ROM but cannot use them without having access to a projector. In addition, our praise time would be greatly enhanced by using PowerPoint slides for the words instead of stale, out-of-date, overheads. Our Super Bowl party is usually done in the life and learning center and in the past I believe we have had to borrow a projector. In addition, I would like to plan movie nights and invite other youth groups from throughout the district to attend, but cannot support a large crowd on a regular TV. I am trying to make an effort for Hibben to be the center of youth involvement in our district, and given the right tools I believe we can make that happen. The projector is a huge step in that direction. Also, our praise and worship team would be able to put the words on a screen for people to see. I have so many fabulous PowerPoint's and music programs but no way to use them. Hopefully that will be corrected soon. Thank you for your efforts on this.*

*Director of Youth & Leisure Ministries*

Note: Youth at many churches are producing their own videos and PowerPoint presentations to show the entire congregation what the youth program is all about and what they are doing.

- **Creating a Ministries Night at the Movies**  
Many churches are showing inspiring videos which emphasize Christian values or show first run movies (appropriately rated) to the members on a recreation night, such as after The Gathering.

### **c. Classrooms/Conference Rooms/Chapel**

- Church Business - Meetings come to life with extra clarity and organization when information is presented directly out of computer PowerPoint and spreadsheet applications illustrated with photos, color charts and graphs.

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- Bible Study Groups – Use of a projector in our various bible study programs would be limited to larger groups where a large screen could be beneficial. Otherwise we would continue to use our various TV monitors.

### 3. What Equipment Should We Purchase?

The above requirements could best be satisfied with multiple projectors. The sanctuary would have a fixed 3200-4100 lumen projector mounted in the rear of the sanctuary with a fixed, powered screen mounted in the space to the left of the organ pipes. Since the CL&LC already has a powered screen, we could either have a permanently mounted 3200-4100 lumen projector mounted in the rear of the Simmons-Colwell Hall or utilize a portable projector. Since seating isn't permanent in this facility, a portable unit wouldn't be too obtrusive. Classroom/conference rooms would best be served by a 2000 lumen projector with a portable screen. This would mean the purchase of at least three projectors, one powered screen and one portable screen.

A first step in this process would be to purchase one high-powered projector and portable screen as described below. We could use it in all areas until funding for additional projectors and screens became available.

DESCRIPTION	EST. COST
Sanyo PLC-XP46 LCD Projector, 4100 lumens	5,235
DA-Lite 8H' x 10'W portable floor screen with floor stand & extra 4' of screen material	750
<b>Total</b>	<b>\$5,985</b>

### 4. Options

Powered Projector Screen for Sanctuary – A projector screen that could be lowered and raised at the push of a button is very desirable. It could be easily lowered during worship service to show short videos of mission trips, etc. and raised once the video was finished. PowerPoint & video presentations could be easily introduced into the worship services without having to set up a screen. See depiction on the following page. Estimated additional cost is \$2500 to \$3000. Additional layout details are provided on the last page.

Long Throw Lens for Projector – The standard lens that comes with a projector requires that the projector be rather close to the screen. However, in some cases it is very desirable to have the projector located in the rear of the room. This keeps the projector out of the way of people, near power receptacles and out of walking paths. The sanctuary is a prime example where the best location would be mounted to the rear wall. The standard short throw lens and the optional long throw lens can be interchanged in approximately 15 minutes. The Panasonic projector mentioned above has this capability. Estimated additional cost is \$1600.

### 5. Summary

Purchase of a single high powered projector is hopefully just the first step in Hibben's "catching-up" with other churches that have already embraced the use of video in all facets of church life. The purchase of additional video equipment, such as, video & graphic presentation software, video cameras, video monitors, video switches, and additional projectors will be required in future years to fully realize the benefits of this media. However, the purchase of the above projector (or similar high powered unit) will certainly get us started.

Tom Stalvey  
Cmmunications Coordinator



Powered screen depicted in fully open position above the sacristy entrance. Hanging rods would be painted white to match screen case. Screen retracts fully into white textured case. See picture below.



**PROPOSED  
HIBBEN UNITED METHODIST CHURCH  
PROJECTOR SCREEN  
MOUNTING DETAILS**

**ADDENDUM**

**Purchase Of New Sound & Visual Hardware**

High Powered Projector – Through a fund raising effort, we were able to purchase (\$1950) a portable 2000 lumen projector in 2004. However we still need to purchase a portable screen for use with this projector. In addition, the need still exists for a high powered projector for the sanctuary.

Even though we now have a suitable projector to show video or PowerPoint presentations in the CLLC, chapel, conference and classrooms, we still need a permanent high powered projector for the sanctuary just as most other churches have already installed. We can use the new portable projector in the sanctuary, but having to setup a projector in the aisle with its accompanying cables and raising a projector screen certainly takes away from the worship service.

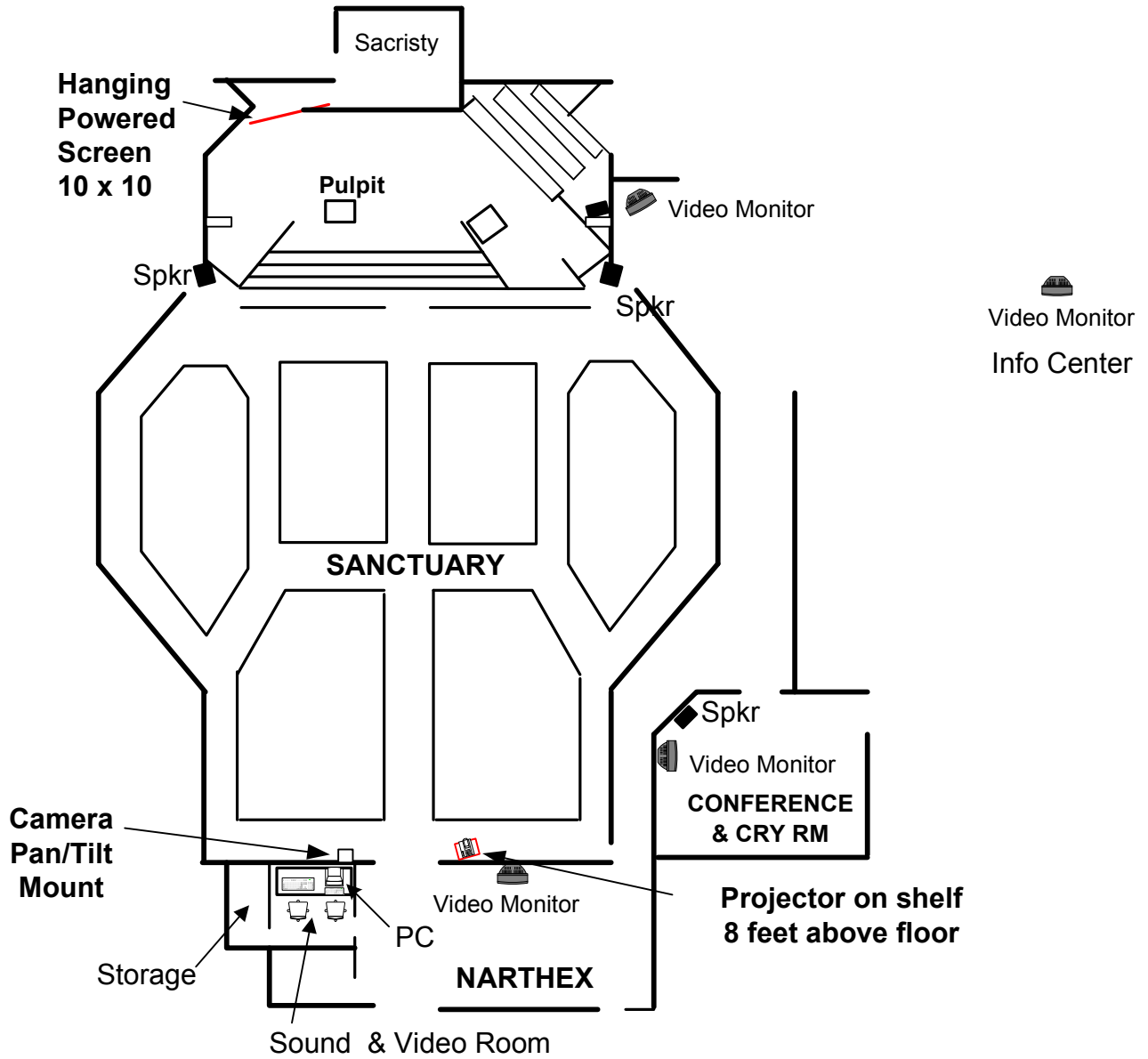
The projector would be permanently mounted on the rear wall and connected to a PC in the Sound Room. This PC would run display software such as *PowerPoint* and church specific applications such as *Sunday Plus*. A combination VCR and DVD player which would supply video to the projector would also be located in the sound room. Our present Sound Team would be expanded to a Multi-media Team, thereby, having responsibility to operate both the sound and video. The high power projector would be an LCD unit with a resolution of up to 1024 x 768 pixels, light output of least 3500 lumens, 500 to 1 contrast ratio, long throw lens(allowing the projector to be mounted in the rear of the sanctuary), digital keystone correction to compensate for off-center projection angles, component video/audio input from VCR and DVD players, composite video inputs, S-video, and a VGA-type cable computer input. The unit will also have monitor and audio outputs. This system is listed as an Option 2 item in the budget.

b. Powered Projector Screen for Sanctuary – A projector screen that could be lowered and raised at the push of a button is very desirable. It could be easily lowered during worship service to show short videos of mission trips, etc. and raised once the video was finished. The screen would be controlled from the Sound Room. *PowerPoint* and *Sunday Plus* type presentations could also be easily introduced into the worship services. See attached depictions of proposed screen location. This screen is listed as an Option 2 item in the budget.

(See next page for proposed layout)

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**PROPOSED  
HIBBEN UNITED METHODIST  
PROJECTOR SCREEN & VIDEO  
MONITOR ARRANGEMENT**

11 Sept 2004  
Updated 27 Nov 2006 to show  
additional video monitors