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## **First UCC Church Carlisle budget information for Audio Upgrade and the addition of Video presentation and Streaming and Audio Video recording capabilities.**

This is a budget letter for the purpose of providing budget information for the upgrade of the existing audio system to bring it up to current standards and add audio and video streaming and recording capabilities and video presentation capabilities. The total budget number to the nearest thousand to complete the project with all capabilities included would be \$30,000.00.

This system is an intertwined system and should eventually have all of the parts included. The Audio system is in desperate need of a new console as the current unit is showing its age and developing issues. Sadly, that may take longer than preferred due to supply issues. The total budget for the audio portion alone is \$12,000.00.

The addition of a permanently installed system to add audio video streaming and recording to the current system without upgrading the audio portion would require a budget of \$6000.00 for that part only. This would include a desktop computer set up at the current sound system desk along with a permanently mounted PTZ camera with a 20X Zoom capability and a controller at the computer location which would allow the camera to be positioned as needed during the service. This camera and controller would be able to store up to 99 preset positions as well as allow joystick control for adjustments in real time. The camera and preview monitor would be setup on the stand with the computer monitor to give the computer operator full capability of controlling the system.

The last part of this proposal is the addition of video presentation capabilities. This would include the ability to use the computer installed for the streaming and recording system to double as a presentation system computer. This will add a monitor to the workstation for the purposes of being able to set up presentations at the same time as controlling the streaming and recording operations. In addition, this system will have a wireless presentation interface that can be selected to allow presentations from laptops and tablets connected to the church's wireless network with screen mirroring capabilities. This device will work with Windows, Mac, iOS, Android and Chromebook systems.

A hybrid of the breakouts as listed here would be to install the streaming and recording capabilities along with the new console with the touchscreen and power conditioner with remote power control capabilities. This would allow the system to be setup to operate unmanned once streaming is initiated. It would also allow the console to operate with preset configurations enabled by a single button on the touchscreen. The touchscreen would also be used to turn on and off power to the sound system by simply selecting the mode of operation on the touchscreen or selecting system off to turn off the system once the service is over. The budget necessary for this configuration would be \$11,000.00. If this configuration is selected, the audio portion of the over system budget would be reduced by \$5,000.00 as the console, touchscreen and power conditioner are included in the current audio portion of the system.

A detailed proposal with more exact numbers will be provided prior to the final authorization of any upgrades.

The current problems with the supply chain have been affecting the audio video industry for several years, but have been greatly magnified since the COVID-19 outbreak. Supply numbers change daily and it's currently impossible to guarantee a date prior to actually having supplies on hand to complete a project. SDK electronics will assist you in keeping the current system running in the best possible manner as well as can be accomplished while attempting to get the supplies necessary to complete the upgrades as selected by the church.

Respectfully submitted:

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SDK Electronics