



A Lot of Signal

“The church parking lot is not huge,” explains the pastor. “About 300’ across and 150’ deep.” His parking lot is condensed enough to allow his InfOspot (Talking House) Transmitter with its simple wire antenna to throw a signal from near the church building to the parking lot boundaries.

He has connected a 10’ piece of plastic conduit to the leg of the utility cart so the antenna can be oriented vertically and provide the best coverage across the area. A flatbed truck will be positioned in the location shown for the service to give the pastor better elevation above his congregation. An audio cable runs through a window and into the church’s recreation room where the keyboard player can be protected from the weather.



On the utility cart is the transmitter (upper left), a portable mixer (upper right), the pastor's wireless mic pick-up (lowest shelf) and a multi-plug AC receptacle (on the ground). Audio from the microphone and the keyboard are combined in the mixer, whose master output level is set to deliver the ideal audio level to the Transmitter. The mixer allows compression and limiting to be added to the vocal and music channels as needed for best quality and listenability.

The balance between the voice and music is adjusted during the service, so that the pastor and the music are at the right levels, and especially when the two are in play simultaneously: during singing and when the pastor is speaking and wants music in the background.





The Transmitter's Mode Switch is set to "Live Radio." Audio from the mixer is provided to the Transmitter's "Line Input" (3.5mm – 1/8") jack.