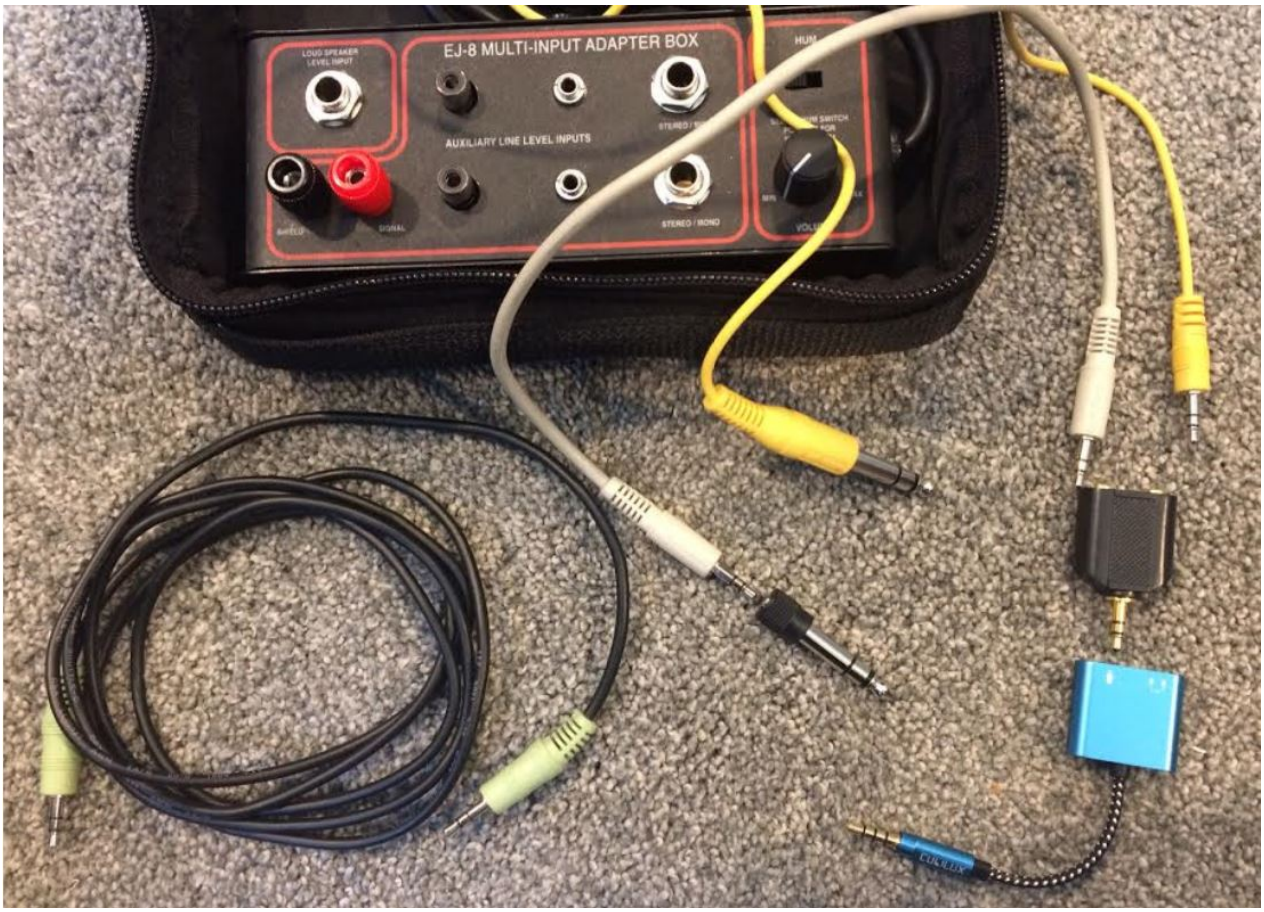
Many bldgs have the EJ8 or EJ10 audio adapter boxes. You can use either one to connect from the chapel record output jack to a laptop TRRS jack (or to iphone/ipad by adding a lightning to TRRS adapter).

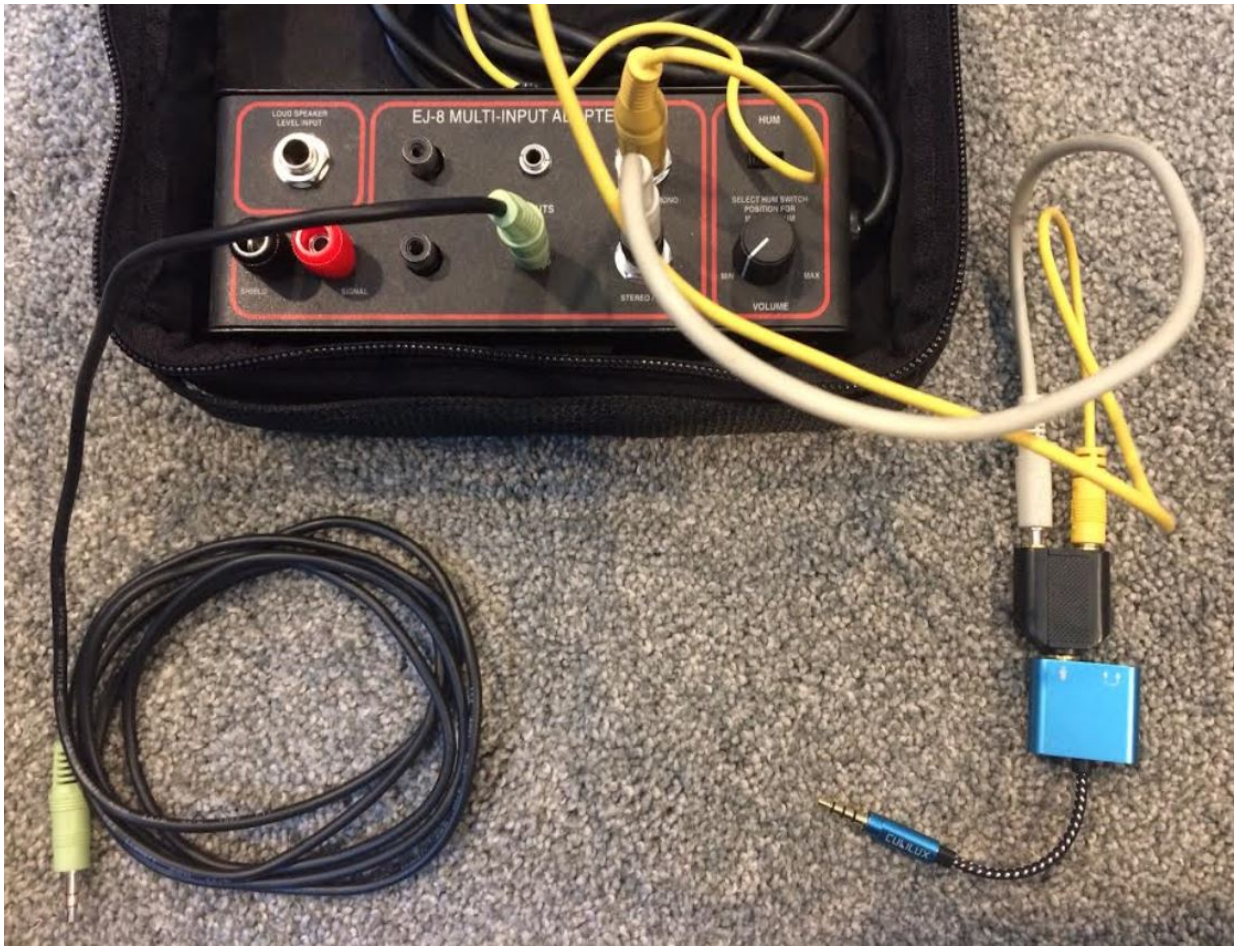
This setup will lower the line-level signal from the record out jack to a mic level signal required by a laptop/smartphone. It will also present the proper impedance to the laptop/smartphone, which will cause it to begin using the external mic jack.

The first pic shows all the parts you will need. Just zoom in on the pic to see the details.



The second pic shows how to hook everything together. The cable with green connectors is the input cable - one end goes to the record output jack in the chapel and the other end must plug into the EJ8 monural input jack. The white and yellow cables are the output. They MUST plug into the EJ8 stereo input jacks. The other end of the white & yellow cable plug into the black headphone splitter ("Y" splitter). The headphone splitter then plugs into the Mic jack of the blue TRRS to Mic/Headphone adapter. The TRRS plug is then connected to the laptop. You can also connect the TRRS plug to iphone if you have a “lightning headphone adapter”.

You have some range of volume adjustment on the EJ8, you will have maximum output when the volume control is at MIN, and minimum output when the control is at MAX.



When everything is connected to laptop, open the laptop's system preferences/control panel and adjust the mic gain up/down to maximize your signal level as someone speaks into the pulpit mic.

For the technically oriented person, this diagram of the EJ8 may help you decipher how the device can be used in this manner. In a nutshell - the input signal is divided down through the 4.7K input resistor (monural input jack) and the 1K volume control to about ⅙ of the input level. The output is through 4 paralleled 4.7K resistors (the 2 stereo input jacks) which results in 1.2K in series with the 1K volume control, for a total output impedance of about 2.2K. The paralleling occurs when the stereo jacks are combined in the “Y adapter” and plugged into the Mic/Headphone to TRRS adapter, where the TIP and RING are internally connected.

