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Subject: Re: LSAF 2012

Posted by [Wayne Parham](#) on Sat, 24 Sep 2011 05:47:20 GMT

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Yes, absolutely. The AD5206 can be used in place of a stereo potentiometer. They are available

The switch inputs are just make/break connections to ground. So a pushbutton toggles power, another pushbutton advances input selection from 1 - 5 each time it is pushed. Then there are buttons for volume up/down and balance left/right. Or you can leave the front panel blank, and just use the remote as the only way to control the preamp.

The outputs (besides the volume, which is a variable potentiometer) are all digital outputs, intended to drive a (mechanical or solid state) relay. Each control line sources a maximum of 40mA, but I'd suggest limiting that to 20mA. If more current is needed, just drive a small signal transistor or something, like a 2N2222. Drive the base, tie the emitter to ground and the collector to one side of a relay coil. Hook the other side of the relay coil to Vcc. Easy peasy. The available output pins are power, select1, select2, select3, select4 and select5. Those select lines select the channel, which would be hooked to a switching device (relay) through the AD5206 potentiometer. Lots of flexibility there to work with.