



Key Amplifier A/B demo switch

This is for an alternate switch to replace the switch that comes with the Key amplifier's set up switch and microphone cable. It will allow you to mount a momentary switch in the dash or console to easily demonstrate the difference between the stock audio and the refined audio from the Key amplifier. This process will follow installation of the amplifier and the setup process.

Items needed:

Momentary switch (can be any size or brand)

3.5mm male plug with sleeve between body and connection pins(must be stereo type)

2 conductor wire of desired length (any smaller gauge will work)

Possible sources for parts:

3.5mm plug with small collar (solder style) Figure A

<https://www.ebay.com/itm/4-3-5mm-3-Pole-Stereo-Male-Repair-Audio-Headphone-Jack-Plug-Soldering-Connector/173038633590?var=471803751272& trkparms=aid%3D222007%26algo%3DSIC.MBE%26ao%3D2%26asc%3D50526%26meid%3Db6444899e1224070889eb2fd8bad7566%26pid%3D100011%26rk%3D5%26rkt%3D12%26sd%3D162554048061%26itm%3D471803751272& trksid=p2047675.c100011.m1850>

Momentary switches

<https://www.parts-express.com/momentary-nc-classic-small-push-button-switch-black--060-634>

<https://www.parts-express.com/momentary-no-classic-large-push-button-switch-red--060-638>

Wire

https://www.prowireandcable.com/ib/belden-8442/8442?gclid=EAlaIqobChMImcuH_7Tr1gIVjILTCh1R5weDEAkYAyABEgLaTPD_BwE

Construction:

1. Determine the proper length of wire needed to reach from amplifier's mounting position to mounting position of the momentary switch and cut wire to length.
2. Solder the two wires to the two terminals of the momentary switch.
(does not matter which wire is connected to each terminal)
3. Slide the connection cover of the 3.5mm male jack on the wire before soldering.
4. Solder one wire to the "tip" terminal of the 3.5mm male jack.
(does not matter which wire is connected to each terminal)
5. Solder the remaining wire to the "sleeve" terminal of the 3.5mm male jack.
6. There should be no connection to the "ring" terminal.
7. Secure the connection cover on to the 3.5mm male jack's connections.
8. Mount momentary switch in your selected location and run wire to the Key amplifier.
9. Once you have gotten Key properly set up, disconnect the included 3.5mm jack that has the setup switch and the tuning microphone and put aside for later use if necessary.
10. Plug the 3.5mm male jack of the demo switch into the Key amplifier.

NOTE: Depress switch and release quickly to change modes of operation to compare sound with and without DSP. If the switch is held down, it will put the amplifier back into set up mode.

Figure A:

