

Tech Note

8002MCB-FP Switch Retrofit Instructions



[Application Note #140]

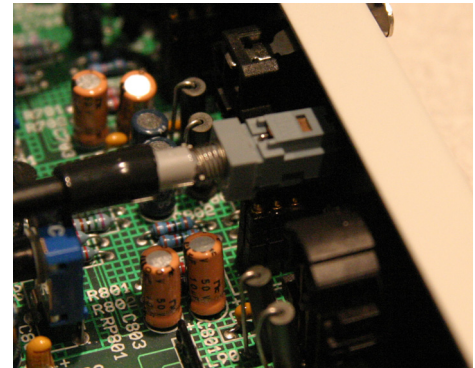


In early 2004, Intelix upgraded the 8002MCB-FP mic/line mixer, replacing the front-panel push-button channel gain and mic/line pad controls with mini-bat toggle switches. These switches are more durable, easier to activate, and more visible in areas with low lighting, such as broadcast trucks.

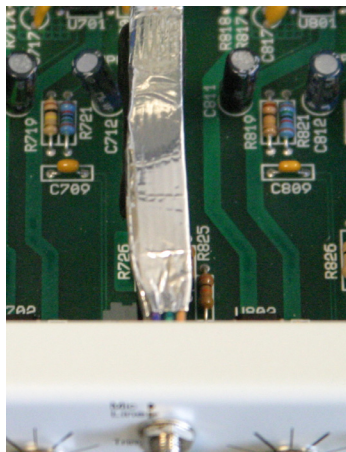
Units manufactured before 2004 may be retrofitted following the instructions below.

1. Disconnect all devices from the mic/line mixer. Then power down and unplug.
2. Carefully remove the top cover.
3. Remove the switch with the long black shaft; this is the internal mic/line switch.

Note: The small 6-pin black socket/connector should disconnect from the large 6-pin header. If it does not easily disconnect, gently rock the small socket back and forth to break the bond.



Internal mic/line switch



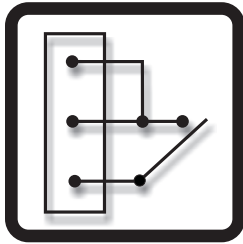
4. The ribbon cable provided in the retrofit kit will have a 6-pin black connector. Place this connector into the header from which the switch was removed. Be sure to orient the orange wire toward the rear of the mixer.

Note: 8002MCB-FP retrofit kits must be purchased from Intelix and applies to a single channel. When ordering, please not whether the retrofit kit will be used for the audio channel or the output pad/phantom power switch.

5. Insert the switch into the mic/line hole. Orient the switch so that the orange wire is toward the right of the mixer when viewed from the front.

Ribbon connector when installed

www.intelix.com intelix@intelix.com 608-831-0880 fax 831-1833



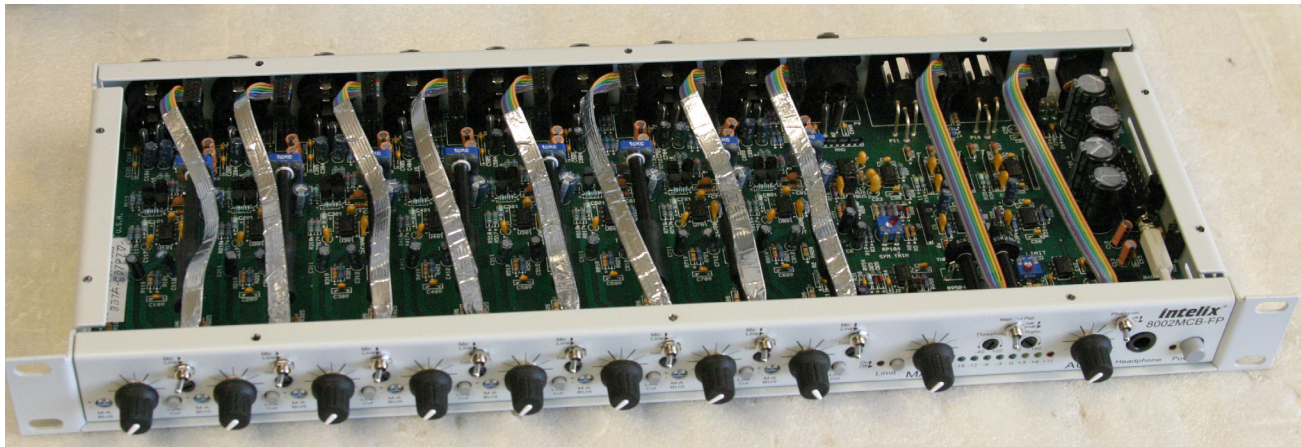
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[3/23/04]

6. Assemble the washer and nut, orienting the operation of the switch horizontally (side-to-side). The orange wire should be toward the right of the unit when viewed from the front. Tighten the nut while maintaining this position.



Internal picture of the 8002MCB-FP after the retrofit. Notice the 8 shielded ribbons (left-most) and the two unshielded ribbons (right-most).