

# Automatic Microphone Mixer (AMM)

# FAQ

**Q. Can I use the automatic microphone mixer to mix my band?**

**A.** The Automatic microphone mixers are intended primarily for speech applications such as panel discussions. They are also sometimes used in theatrical sound reinforcement. Automatic microphone mixers are not useful for mixing an entire band. That said, they are sometimes used for mixing similar things such as a horn section or backup singers.

**Q. Is the TouchMix automatic microphone mixer a “Dugan”?**

**A.** No. Only products manufactured or licensed by Dan Dugan Sound Design may use the name Dugan.

**Q. What kind of automatic microphone mixer is it?**

**A.** The TouchMix automatic microphone mixer is a gain-sharing design. This means that it is continuously comparing the levels of all the assigned channels with the level of each individual channel and reallocating gain by giving more to the active channels while taking gain from inactive channels..

**Q. When I use the automatic microphone mixer, how does it change my signal routing?**

**A.** The automatic microphone mixer has no affect on signal routing. Wherever you were sending your signal before you assigned a channel to the automatic microphone mixer is where it will go afterwards.

**Q. Will the automatic microphone mixer affect my Aux Sends?**

**A.** Only Aux Sends that are set to be post-fader will be effected by the automatic microphone mixer.

**Q. Will the TouchMix-8 and 16 get an automatic microphone mixer in the future?**

**A.** No. There are technical constraints that prevent QSC from adding this feature to the smaller TouchMix models.

**Q. Will the settings of the channel high and low-cut filters affect the automatic microphone mixer?**

**A.** Yes. These filters may be used to prevent sound (such as air-handling noise) that is above and below the range of speech from affecting the operation of the automatic microphone mixer.

