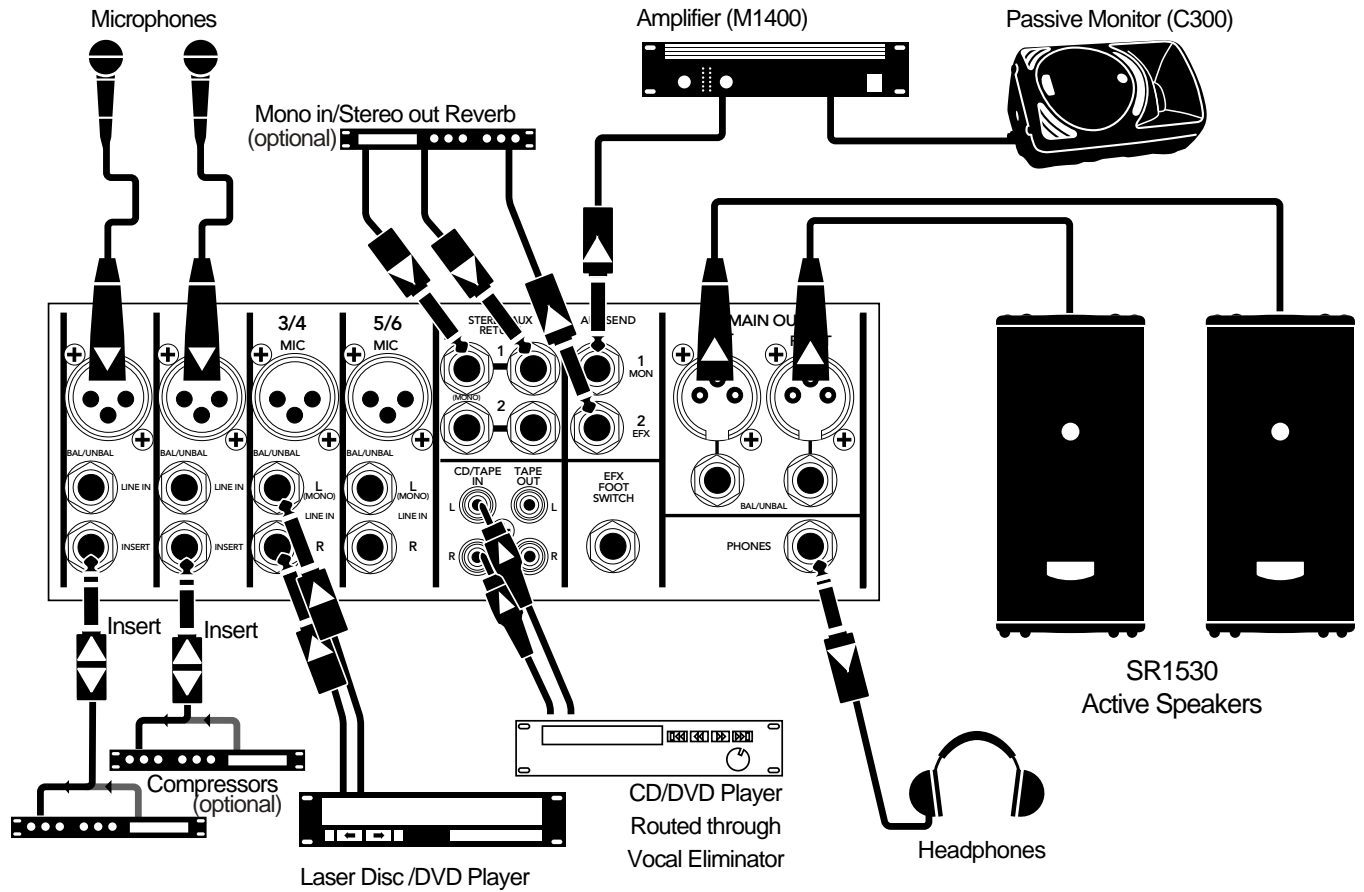


DFX Karaoke Setup



Hey, it's big business in some circles. Why not include some features that let you do a little karaoke on your night off?

Vocal Eliminator

The DFX mixers include a Vocal Eliminator circuit that cancels sounds placed in the middle of a mix (which usually includes the lead vocal). Play a recording on the CD player connected to the TAPE IN jacks, engage the Vocal Eliminator, and you can substitute your voice (or that of an enthusiastic audience member) for the singer on the recording.

Vocal Effects

Karaoke singers often need (and always want) a lot of effects on their voices. The EMAC has several patches that can be inspiring, but for more flexibility, an outboard reverb or effect unit can be connected as shown in the diagram. Casual karaoke singers are usually not experts with the microphone, so a compressor to tame a lack of mic technique, and give some breathiness to those tender ballads is a handy item to add to the system.

Equalization

Since the primary source is a recording, unless room acoustics are horrendous, it's not likely that you'll need to equalize for the room, but you may need to use some EQ on the vocalist. Use the channel EQ controls for this.

You may want to use equalization on the monitor, however, to stave off feedback. Poor mic technique might find the singer's mic pointing directly at the monitor. Also, the compressor in the vocal channel, when it lets go, may allow the channel gain to get up to the point where you'll get feedback. The built-in graphic equalizer may be of some help here, but understand that it's not a miracle cure. Karaoke audiences usually understand, especially after a few beers.

To use the graphic EQ in the monitor channel, press the MAIN/AUX 1 button below the graphic equalizer sliders. This removes the equalizer from the main mix and puts it in line with the AUX 1 output feeding the monitor.