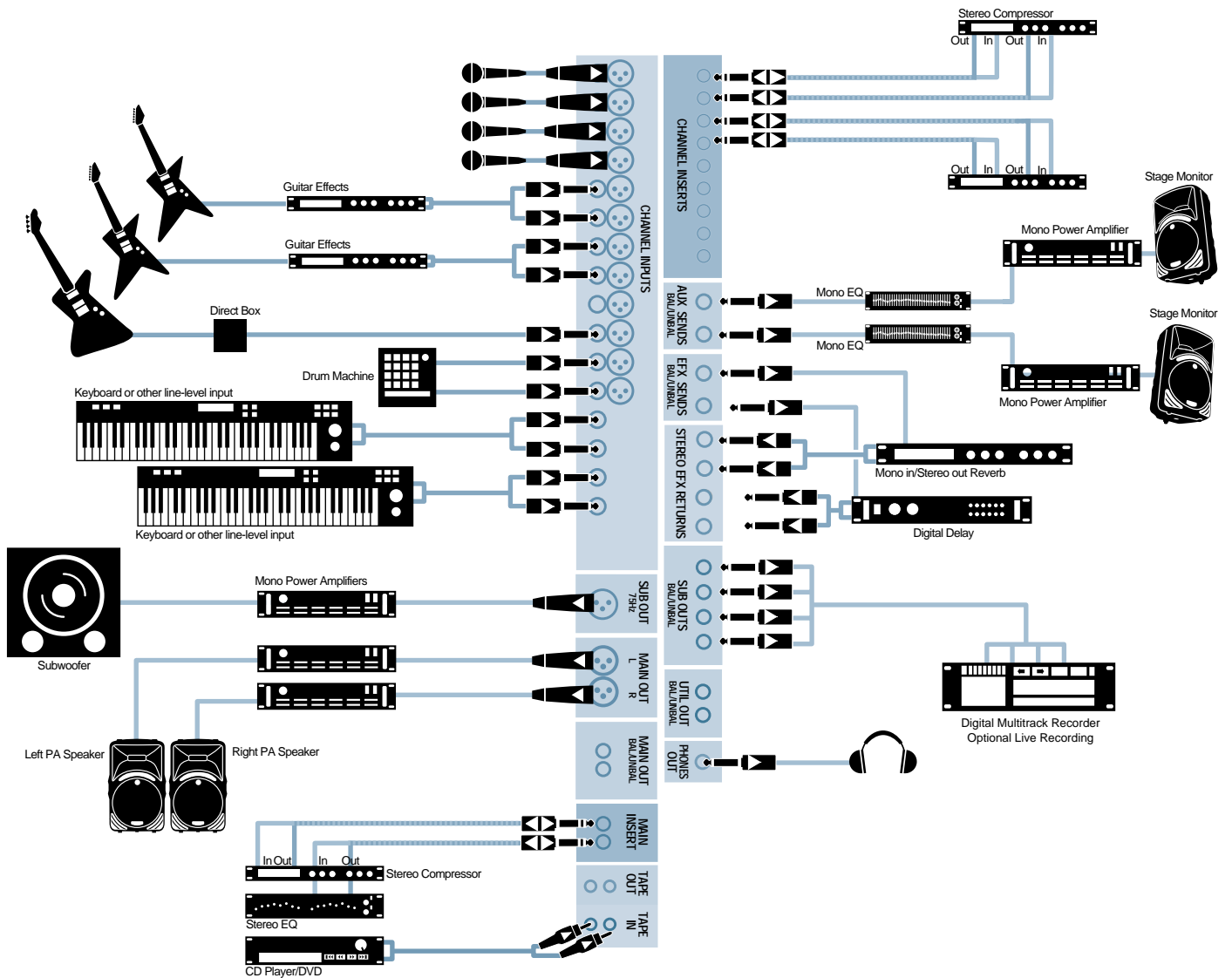


CFX Large Club or Auditorium PA



This PA hookup is similar to the 1604-VLZ PRO example. Here are a couple of variations that take advantage of unique features of this model:

Subwoofer

A subwoofer power amplifier and speaker are shown connected to the 75 Hz SUBWOOFER OUTPUT. This output follows the level of the MAIN outputs, so use the gain control on the subwoofer power amplifier to balance the level of the sub with the mains.

Effects

An external reverb unit is connected in the EFX SEND/RETURN 1 loop. The send level to the reverb is controlled by the EFX 1 knob in the MASTER SEND section. The amount of reverb sent to the mix is controlled by the EFX 1 RETURN knob.



Note that in the diagram on the previous page, the Delay isn't quite plugged in to the EFX SEND/RETURN 2 jacks. The built-in EMAC effect processor works just fine and dandy, but we added the hookup position for an outboard delay, just in case you have one that is more finer and more dandier.

Seriously, with nothing plugged into the EFX SEND 2 and EFX RETURNS 2 jacks, the internal EMAC effects processor is ready to go to work for you. With an outboard signal processor, in this case a delay, plugged in as (almost) shown, both the external delay and the internal EMAC effect processor will operate on whatever signal is sent to the EFX 2 bus. You might use this hookup if you wanted both a chorus and delay on a guitar. You might want to keep this in mind if you need an effect for one song that isn't included in the EMAC processor. Just patch it in for that one song and unplug it when the song's over to go back to the internal effect processor. If you want to use the outboard processor connected to EFX 2 RETURN all by itself, turn off the EMAC processor by pressing its BYPASS button.

Graphic EQ

The diagram shows an equalizer in line with each of the monitor amplifiers as well as one (with a compressor) on the main mix, connected through the MAIN INSERT jacks. In a large system, that's probably what you'd really do, so you have a lot of control, but with a smaller system or in a room with very good acoustics, you can make use of the very lovely internal graphic equalizer, which is in line with the MAIN outputs.



Remember, though, that there's no bypass switch for this internal equalizer – it's always there. When using an outboard equalizer, make sure that all the sliders of the built-in equalizer are set to the zero (center) position.