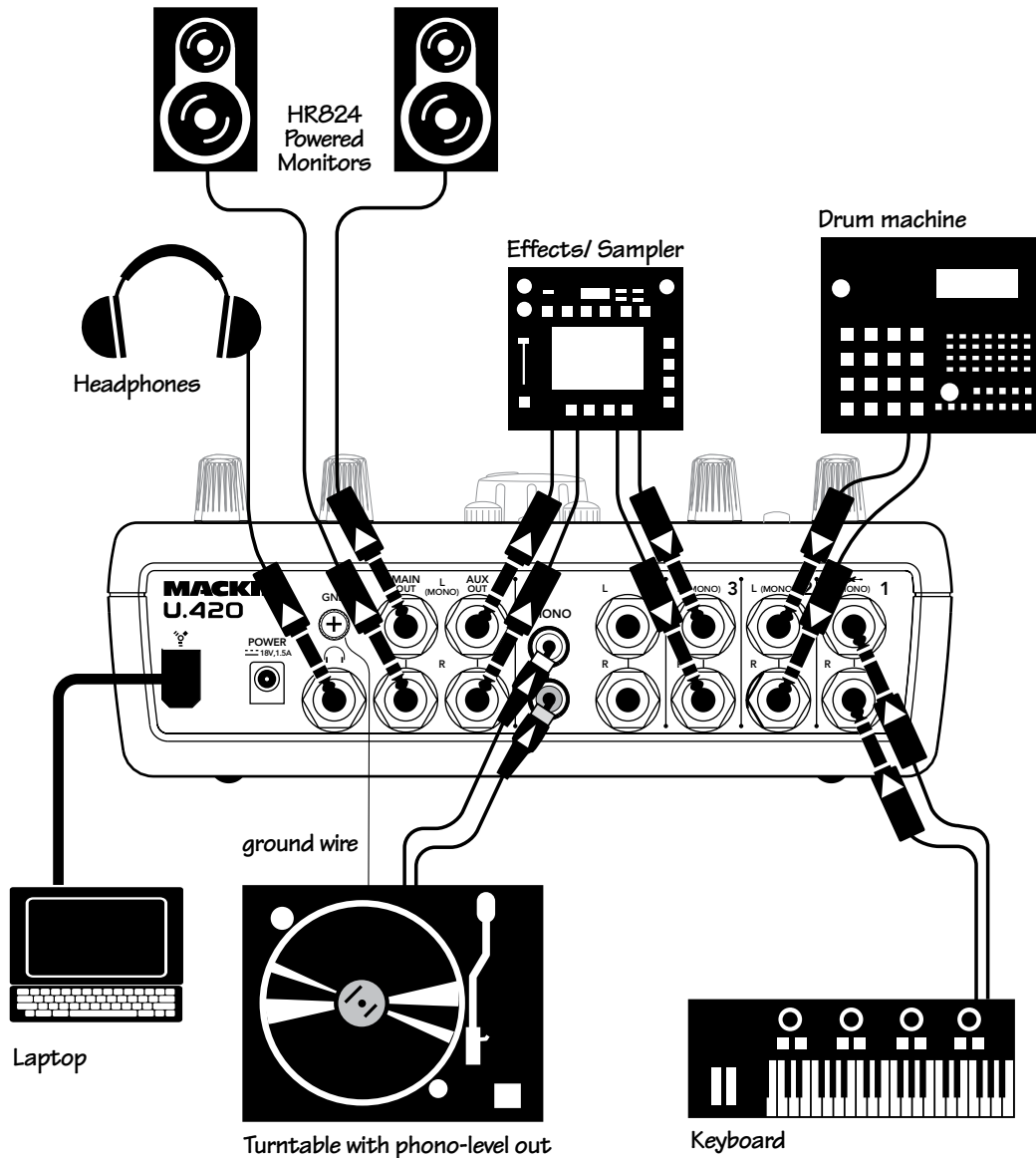


# Hookup Diagrams



This diagram shows a stereo synth, and a drum machine connected to channels 1 & 2, and a turntable connected to the phono inputs of channel 4. The stereo aux output sends signals to the effects/sampler, and the wet signal is returned into channel 3.

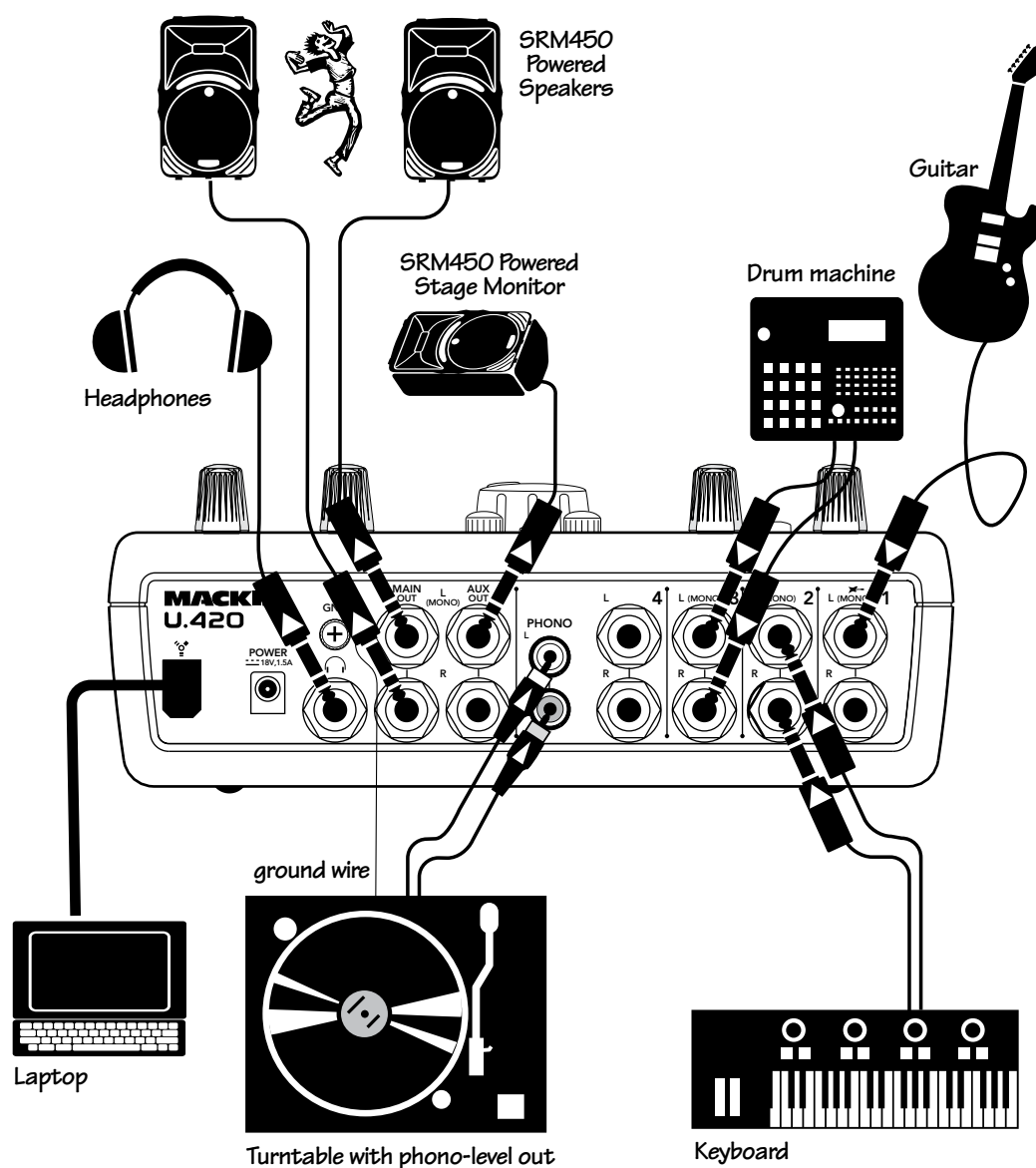
The main outputs are fed to a pair of Mackie HR studio monitors for control room listening, and the mixer's Big Knob controls their volume. The headphone out has its own level control, independent of the Big Knob.

A laptop is connected via FireWire. The U.420 provides stereo mains to the computer for recording with most DAW applications like Tracktion, Cubase, or Sonar. This is independent of the Big Knob as well. Additionally, there is a stereo return from the laptop that has its own mix level control into the mains.

The FireWire loop through switch on the top of the mixer makes overdubbing a breeze. In its normal out position, you can play back the mix from your DAW and it will not create a feedback loop. Only the analog inputs 1-4 will be available for recording. Track it!

Oh, and don't forget this FireWire return can be used for any playback software application like Ableton Live, Tracktor, or iTunes.

## Production studio



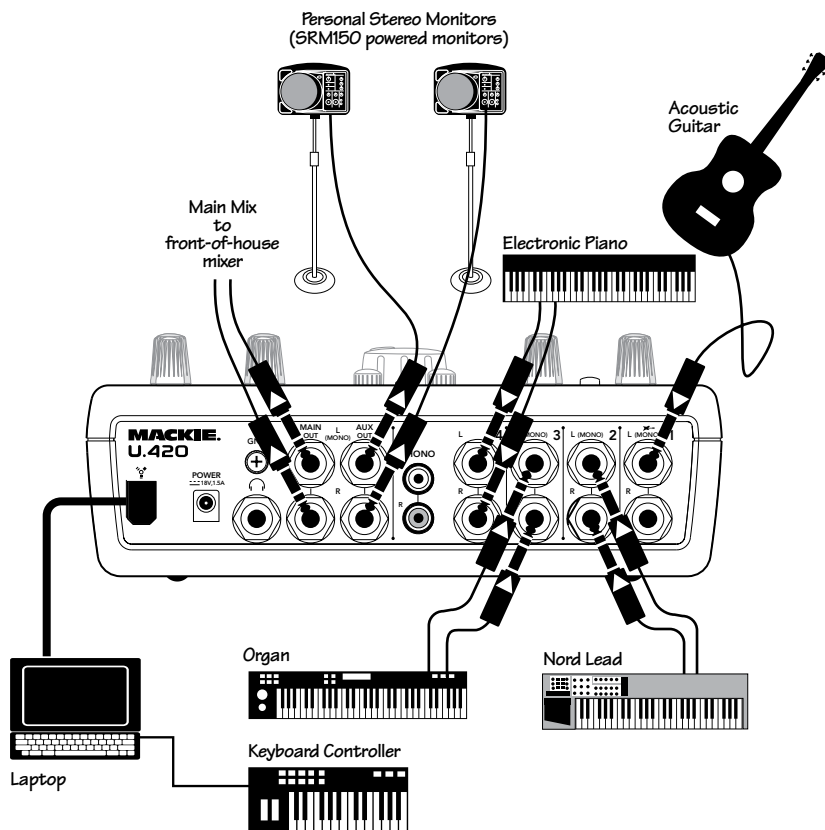
This diagram shows a guitar connected to channel 1, plus a stereo synth and drum machine connected to channels 2 & 3. A turntable is connected to the phono inputs on channel 4. Use the left aux send to connect to a Mackie SRM450 for stage monitoring. The U.420 will automatically sum the stereo signal to mono if you use the left aux output only.

The main outputs are fed to a pair of Mackie SRM450s for the audience's listening pleasure. The mixer's Big Knob controls their volume. The headphone out has its own level control, independent of the Big Knob.

A laptop is connected via FireWire. The U.420 provides stereo mains to the computer for recording with most DAW applications like Traktion, Cubase or Sonar. Perfect for recording your set. Any playback software applications like Ableton Live or Traktor can easily be part of your performance by utilizing the FireWire stereo return that has its own mix level control into the mains.

The FireWire loop through switch on the top of the mixer allows you to send your FireWire return through the FireWire output for recording. So use Ableton Live and your analog inputs to perform, and record it all at the same time on Traktion or your DAW of choice. The switch should be pressed in to allow loop through of the FireWire return to the FireWire record output.

## Live performance system

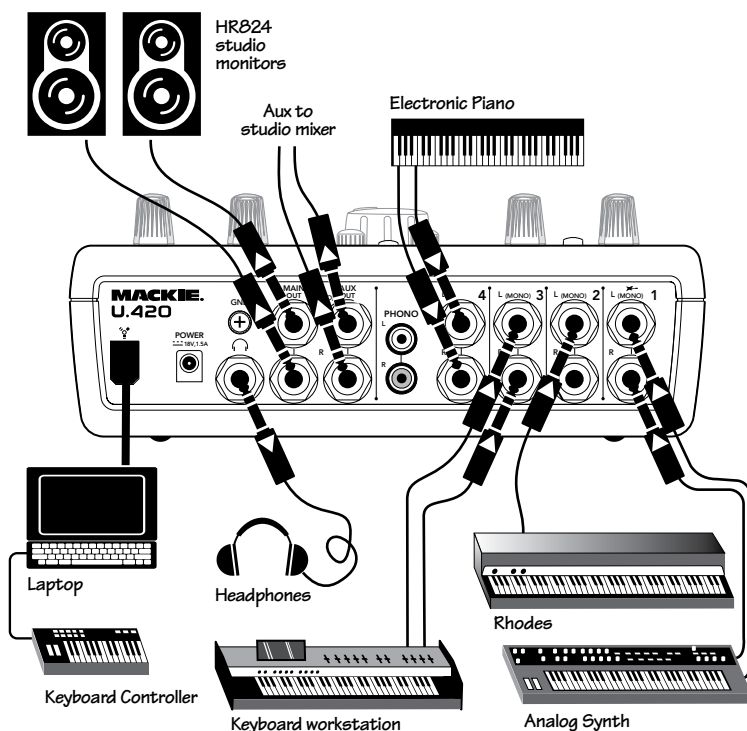


This diagram shows an acoustic guitar connected to channel 1, plus a stereo performance synth like a Nord Lead on channel 2, a good organ like a Korg CX-3 on channel 3, and an electronic piano on channel 4 (with a dab of channel #5 behind each ear for good measure).

The main outputs are fed to the FOH (front of house) mixer for the audience's listening pleasure. The stereo aux output is being sent to a pair of SRM150s on mic stands for stereo stage monitoring.

A laptop is connected via FireWire. This laptop is loaded with awesome virtual instruments like those in applications such as Logic, and a USB keyboard is connected for real-time performance.

## Keyboardist's submixer



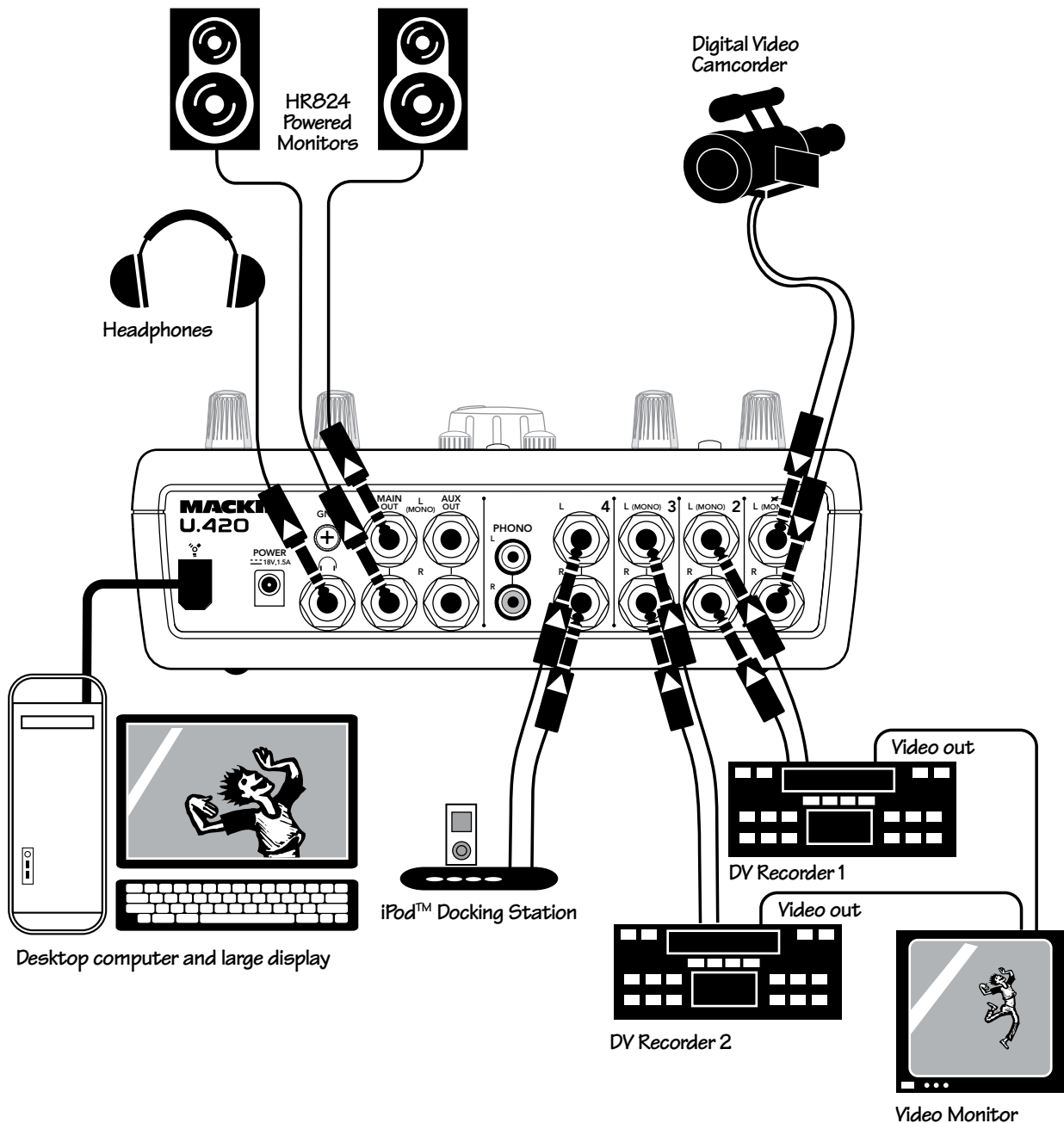
This diagram shows a stereo keyboard workstation, a groovy analog synth, an electronic piano, and an electric organ connected to channels 1–4.

The main outputs are fed to a pair of Mackie HR studio monitors for local monitoring, and the mixer's Big Knob controls their volume. The headphone output has its own level control, independent of the Big Knob. The stereo aux out sends signals to the main studio recording console for tracking.

A laptop is connected via FireWire. This laptop is loaded with awesome virtual instruments like those in applications such as Logic, and a USB keyboard is connected for real-time performance and recording.

The FireWire loop through switch on top of the mixer makes overdubbing a breeze. In its normal out position, you can playback the mix from your DAW and it will not create a feedback loop. Only the analog inputs 1-4 will be available for recording. Track it!

## Keyboard recording station



*This diagram shows a DV camcorder audio connected to channel 1, DVR decks connected to channels 2 and 3, and an iPod docking station connected to channel 4.*

*The main outputs are fed to a pair of Mackie HR studio monitors for local monitoring, and the mixer's Big Knob controls their volume. The headphone output has its own level control, independent of the Big Knob.*

*A Mac with a cinema display is connected via FireWire to the mixer. The computer audio comes from a video production application like Final Cut Pro for monitoring during editing. The audio inputs can also be recorded through the mixer's FireWire connection.*