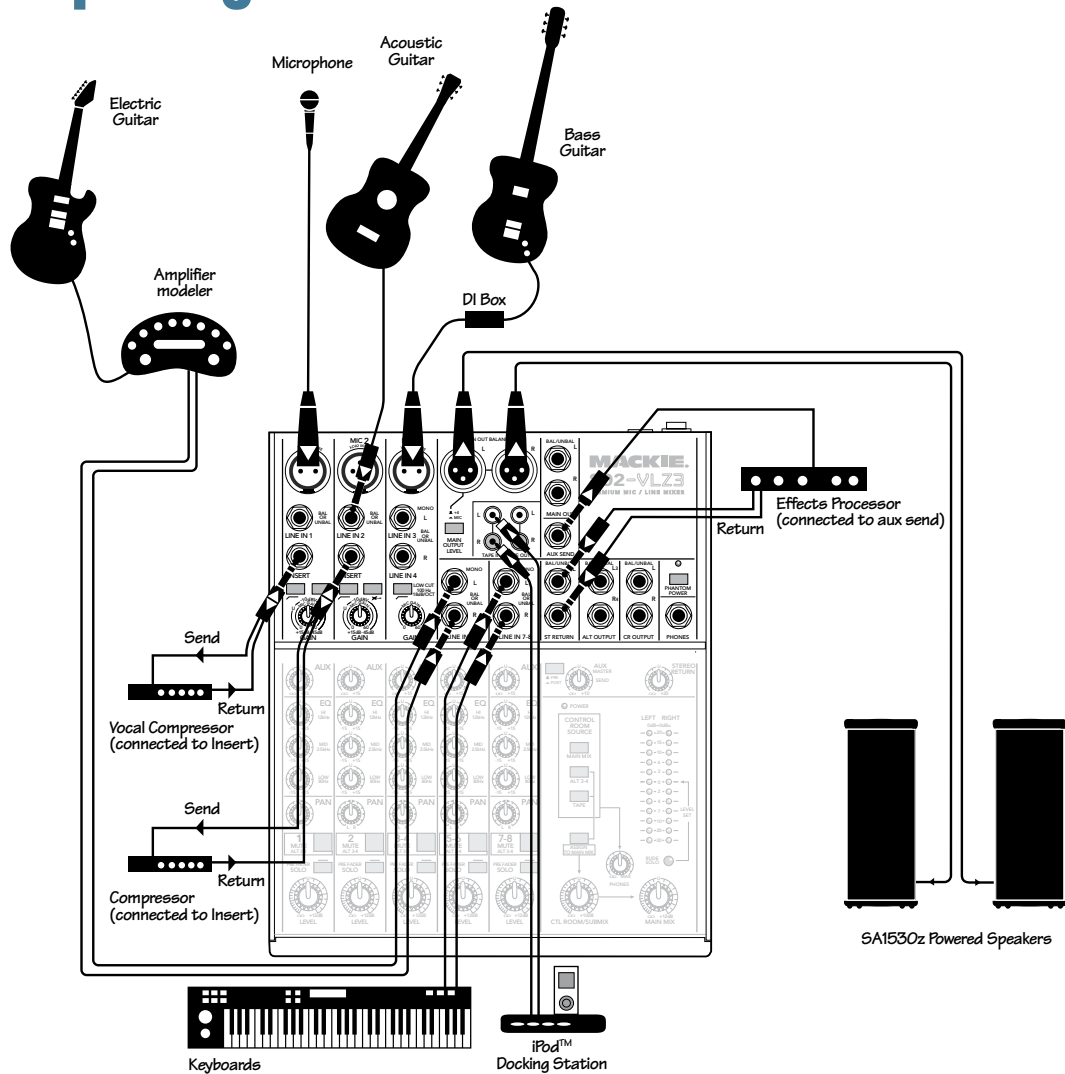


# Hookup Diagrams



This diagram shows a microphone connected to the mic input of channel 1, and a vocal compressor connected to the insert jack. A guitar is attached to the instrument input of channel 2, with the instrument switch pressed in, and a compressor on the insert. A bass guitar is connected to channel 3's mic input via a DI box, and another guitar plays through an amplifier modeler into channels 5 and 6. Keyboards are connected to the line inputs of channels 7 and 8.

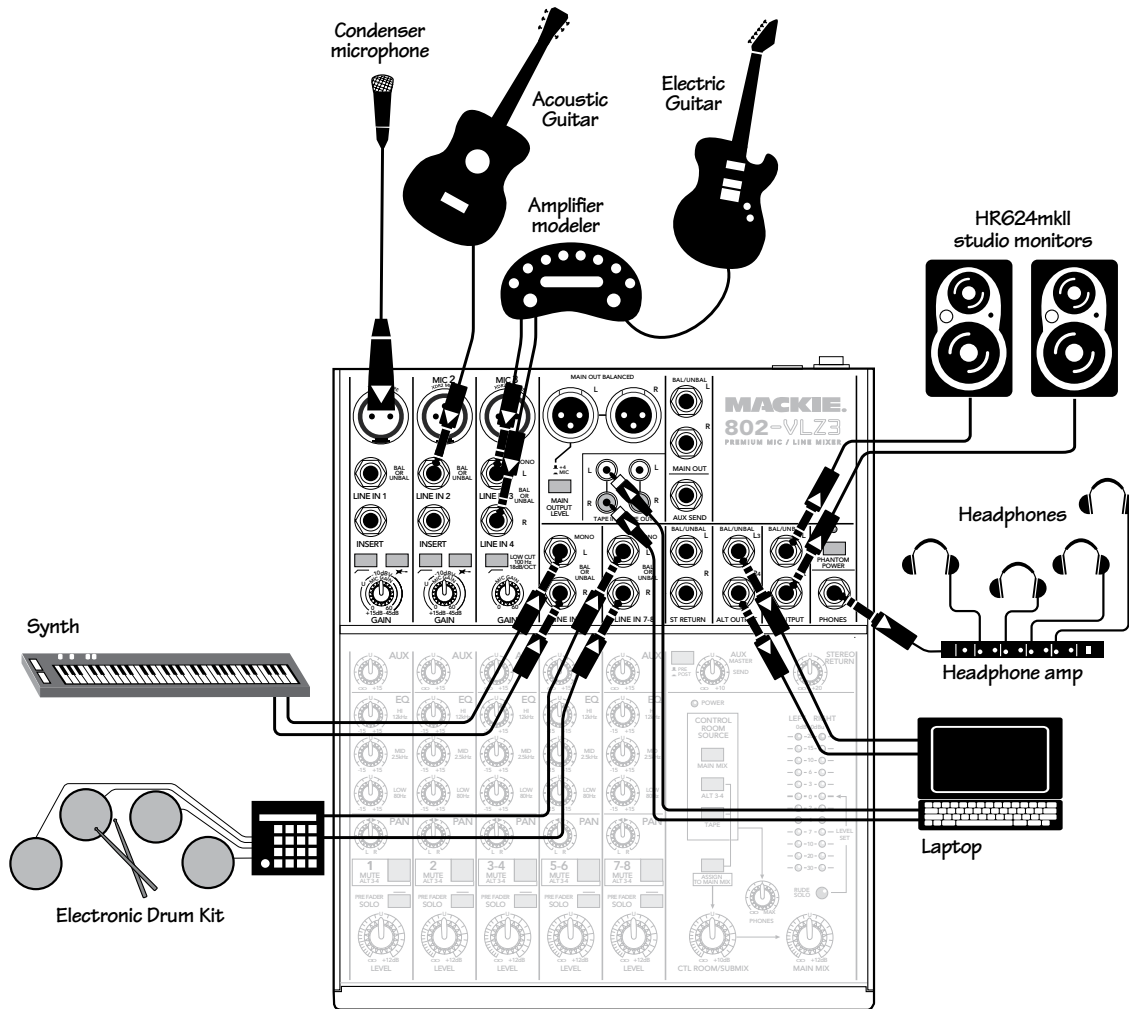
An effects processor is connected to the aux send, with the aux send set to post-level. Effects are added to the main mix via the stereo return inputs, and adjusted with the stereo return level control.

To use the aux send for stage monitors instead of an effects processor, set the aux to pre-level so the monitor volume level can be adjusted independently from the main loudspeakers.

An iPod™ docking station is connected to the tape RCA inputs, so you can play pre-recorded music during the breaks.

The main mix output connects to a pair of SA1530z powered loudspeakers to please your audience.

## Live Band PA System



This diagram shows a condenser microphone connected to the mic input of channel 1, with phantom power engaged. A guitar is attached to the instrument input of channel 2, with the instrument switch pressed in. Another guitar plays through an amplifier modeler into channels 3 and 4. A stereo synth is connected to the line inputs of channels 5 and 6, and an electronic drum kit feeds channels 7 and 8.

The audio outputs from a laptop computer are connected to the RCA tape inputs. This allows you to playback your recordings made using the supplied Traktion software. The Alt 3-4 outputs are used to feed the inputs to your computer's sound card. By pressing a mute/alt 3-4 switch, it is easy to set up a channel to record onto your computer.

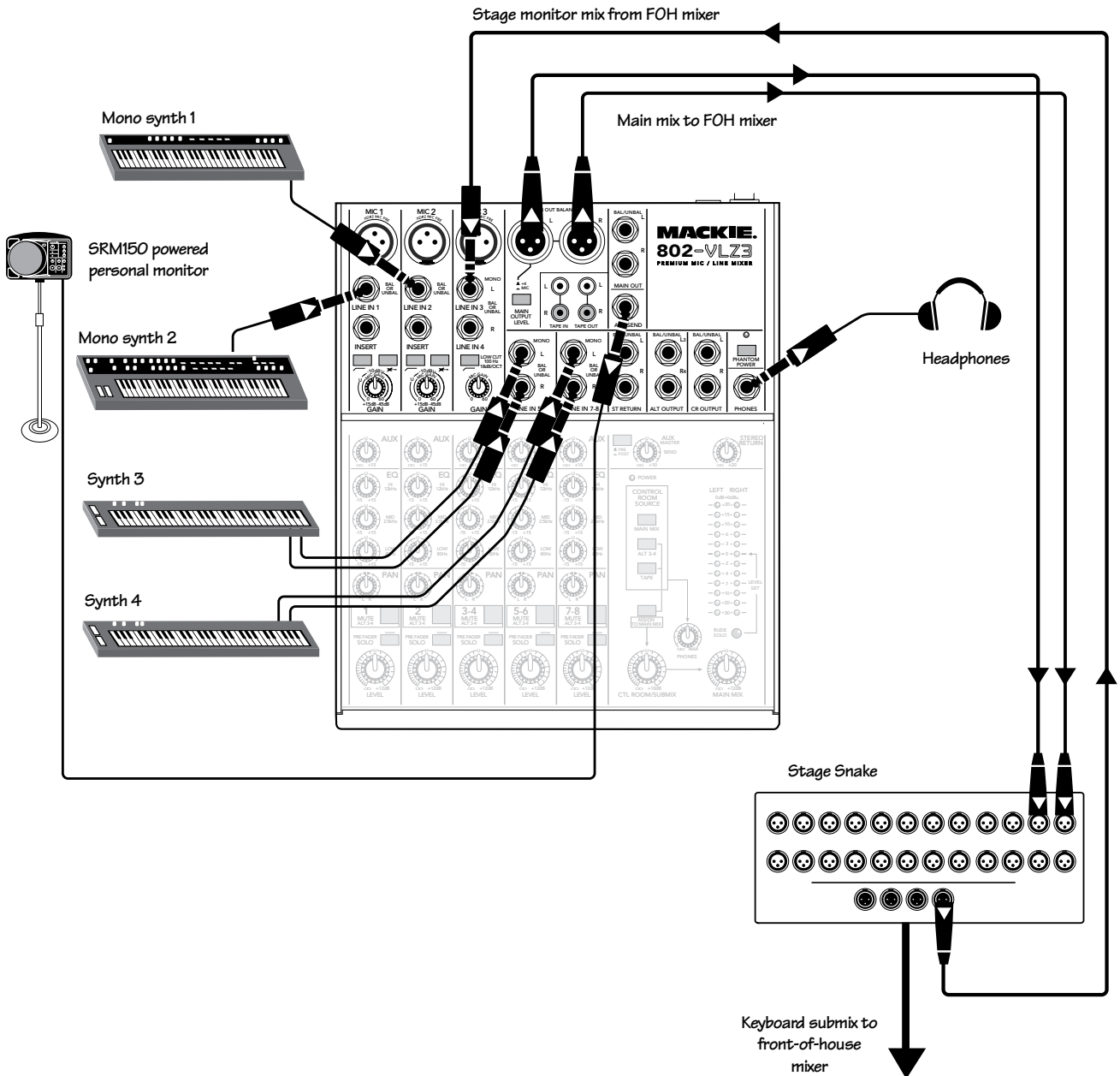
A headphone amplifier is connected to the headphones output, and feeds four pairs of headphones.

A pair of HR624mkII powered studio monitors are connected to the control room outputs.

You can use this setup to record overdub style:

1. For the track being recorded, route it to the alt 3-4 output, which feeds the computer input.
2. Monitor just the previously-recorded tracks through the tape input, which will feed the control room/phones.
3. Since only the currently-recorded track is feeding the computer (through alt 3-4), you will hear the previous tracks you are overdubbing to, but they will not be recorded to each new track.
4. The control room/phones is fed by a mixture of alt 3-4 (currently recorded track) and tape in (output of Traktion playing back previously-recorded tracks).

## Home Studio



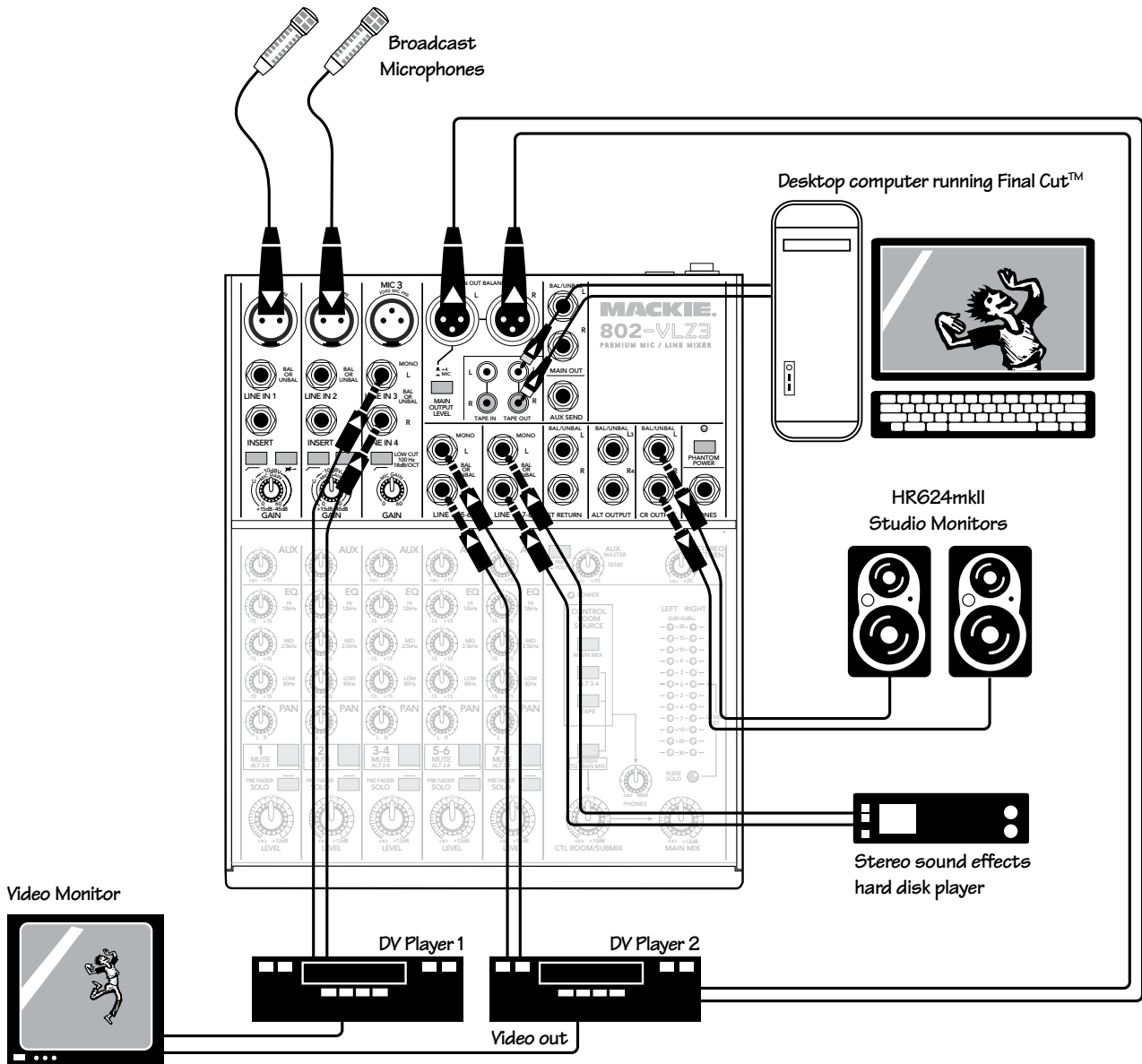
This diagram shows mono synths connected to the mono line inputs of channel 1 and 2, and stereo synths connected to the stereo line inputs of channels 5/6, and 7/8.

The XLR main mix outputs are connected to two channels of a stage snake. The main output level switch next to the main outputs is set to mic, and these balanced outputs are then suitable for sending over long cable runs from the snake to the front of house mixer. Here, the keyboard submix is added to main mix with the other instruments and vocals of your legendary all-star band.

The snake returns a stage monitor feed from the FOH mixer into channel 3's line input. Leave the channel 3 level down, so this feed is not sent to the main mix of the 802-VLZ3. Adjust the channel 3 aux control to add the stage monitor mix from the front of house mixer. Adjust the other channel's aux controls until you are happy with the overall monitor mix of your keyboards and the band's guitars/drums/vocals etc. Set the aux post/pre switch to pre-level to run the SRM150 as a powered stage monitor. With this arrangement, you have more control over what you hear in the monitor. You can add "more me" and "less them," and generally adjust the monitor mix to your liking.

A pair of headphone is connected to the headphones output.

## Keyboard Submixer



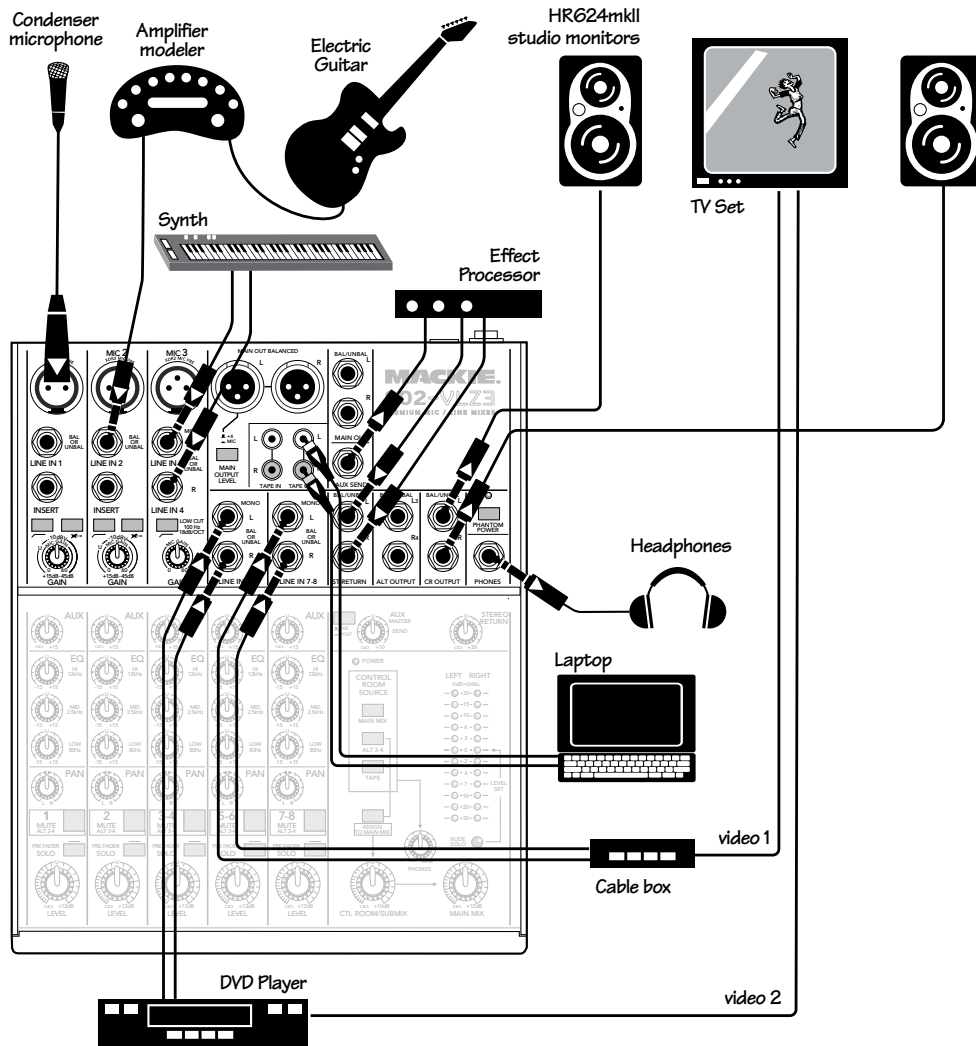
This diagram shows two voice-over microphones connected to the mic inputs of channels 1 and 2. The stereo line-level outputs from two digital video players connect to the line inputs of channels 3/4, and 5/6.

A stereo sound effects hard disk player is connected to the line inputs of channels 7 and 8.

The tape outputs connect to the line-level audio inputs of a desktop computer running Final Cut™ software. You will probably need a dual RCA to 1/8" adapter, or cable to connect to your computer's audio input.

The control room outputs feed a pair of HR624mkII powered studio reference monitors. The main mix outputs are feeding the balanced audio inputs of a video recorder.

## Video Editing/Production Bay



*This system is useful if you are short on space, or you are in love with a really nice pair of loudspeakers and want to share them in a home theater and home studio.*

*A condenser microphone is connected to the mic input of channel 1, with phantom power engaged. The line-level output from a guitar amplifier modeler feeds the line input of channel 2. A stereo synth is connected to channels 3 and 4. A laptop computer running Traktion is connected to the tape output, so you can record channels 1, 2, 3, and 4.*

*The stereo line-level audio output from a DVD player is connected to channels 5 and 6, and a cable box's audio output is connected to channels 7 and 8. The video output from the cable box and DVD player connect directly to the TV monitor.*

*An external effects processor is connected to the aux send (in post mode) and its output connects to the 802-VLZ3 stereo return inputs.*

*A pair of HR624mkII powered studio monitors is connected to the control room outputs. A pair of headphones is connected to the headphones output.*

*To use the home studio, sing and play your guitar, and record using Traktion, or listen through the nice speakers and headphones. Turn down channel 5-6 and 7-8 levels if you are not using the home theater.*

*To use the home theater, turn down channel 1-4's level knobs. Select a program using the cable box, and set the channel 7-8 level knob to unity. Use the control room knob to adjust the level in your loudspeakers. If you play a DVD, turn up the channel 5-6 level control to unity. Use the TV to select which video source you want to see.*

## Combined Home Studio and Home Theater