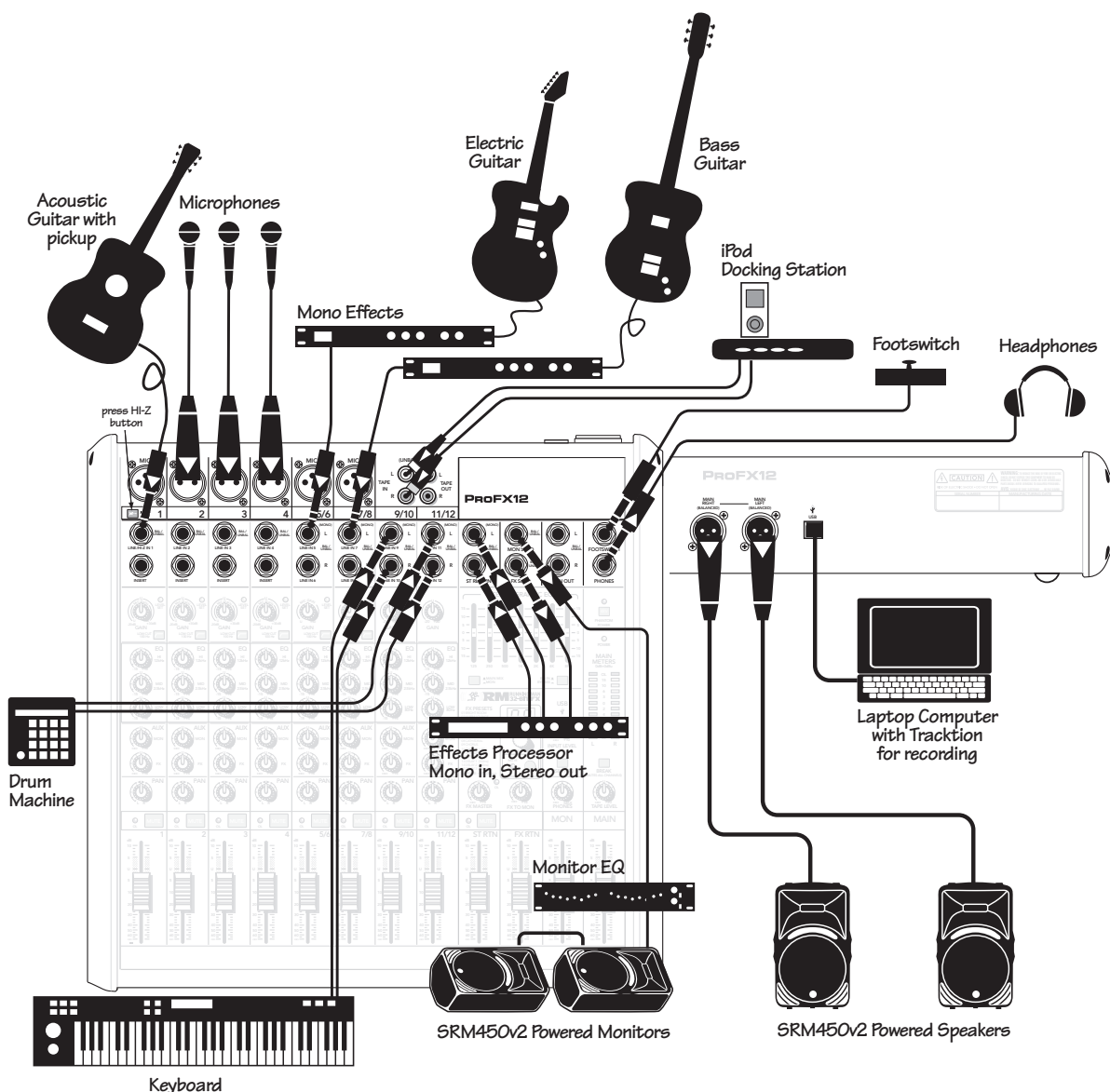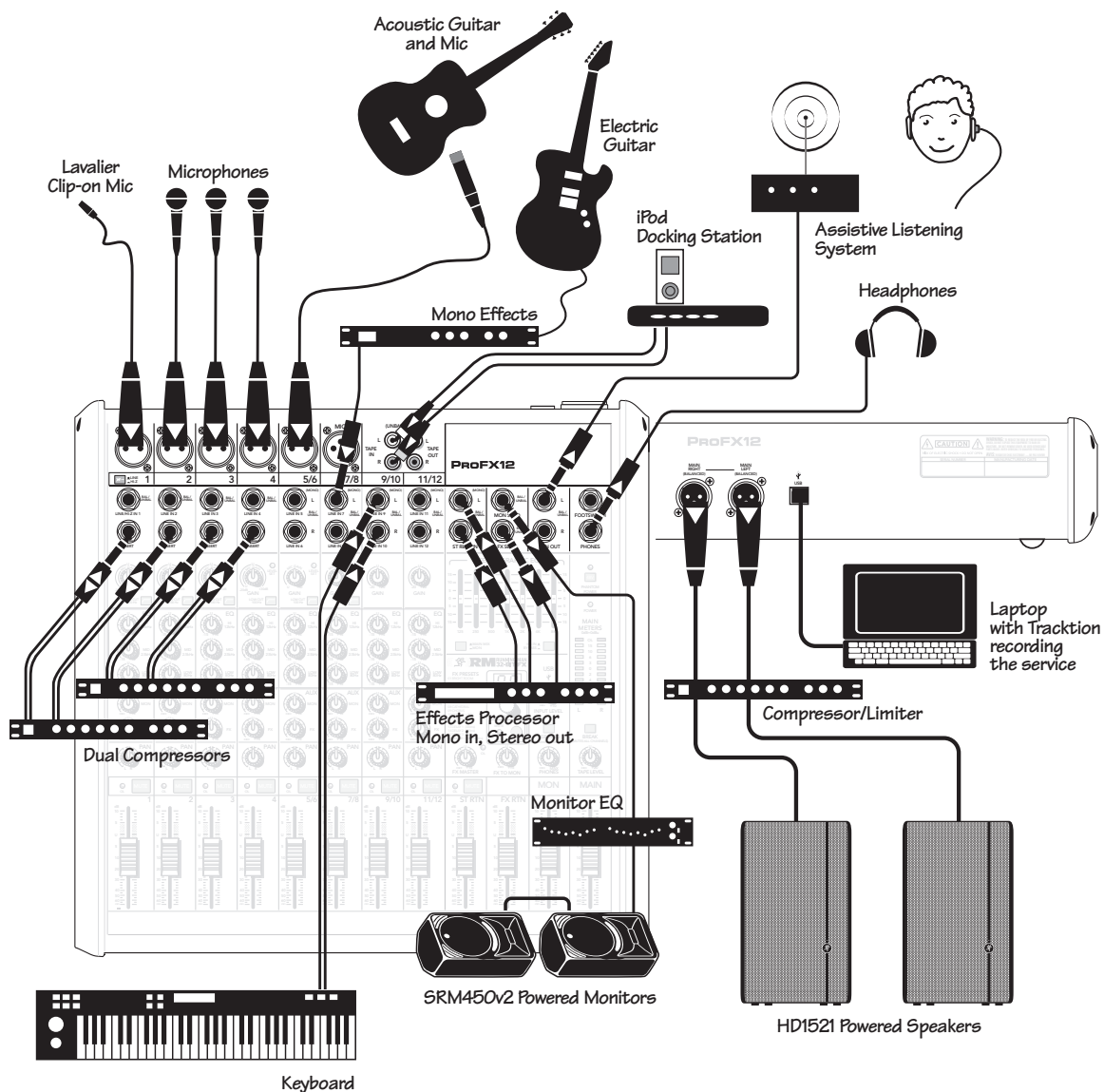# HOOKUP DIAGRAMS

This diagram shows a guitar connected directly to channel 1 (with the hi-z switch pressed in), microphones attached to channels 2, 3, and 4, guitar effects processors connected to the left line-level input of channel 5/6 and 7/8, a keyboard attached to channel 9/10's line-level inputs and a drum machine connected to channel 11/12. An iPod docking station is attached to the stereo tape inputs. An effects processor receives a mono input from the FX send and its stereo outputs connect to the stereo return inputs.

Mackie SRM450v2 powered speakers are connected to the left and right main output. Two of these speakers are also set up as stage monitors and connect to the mixer's monitor output via a graphic EQ. The aux mon controls of each channel allow you to create a stage monitor mix that is independent of the main mix. Use the external graphic EQ to adjust the stage monitor EQ as desired. Headphones are used for monitoring, and a footswitch allows you to mute/un-mute the internal effects as desired.

A laptop connects to the USB port, and allows the 2-channel main mix of the performance to be recorded using Tracktion software. Two channels of audio can also play from the computer to the main mix.

Band System ProFX12

Acoustic Guitar
and Mic

Electric
Guitar

iPod
Docking Station

Assistive Listening
System

Lavalier
Clip-on Mic

Microphones

Headphones

Mono Effects

ProFX12

ProFX12

Laptop
with Tracktion
recording
the service

Dual Compressors

Effects Processor
Mono in, Stereo out

Compressor/Limiter

Monitor EQ

SRM450v2 Powered Monitors
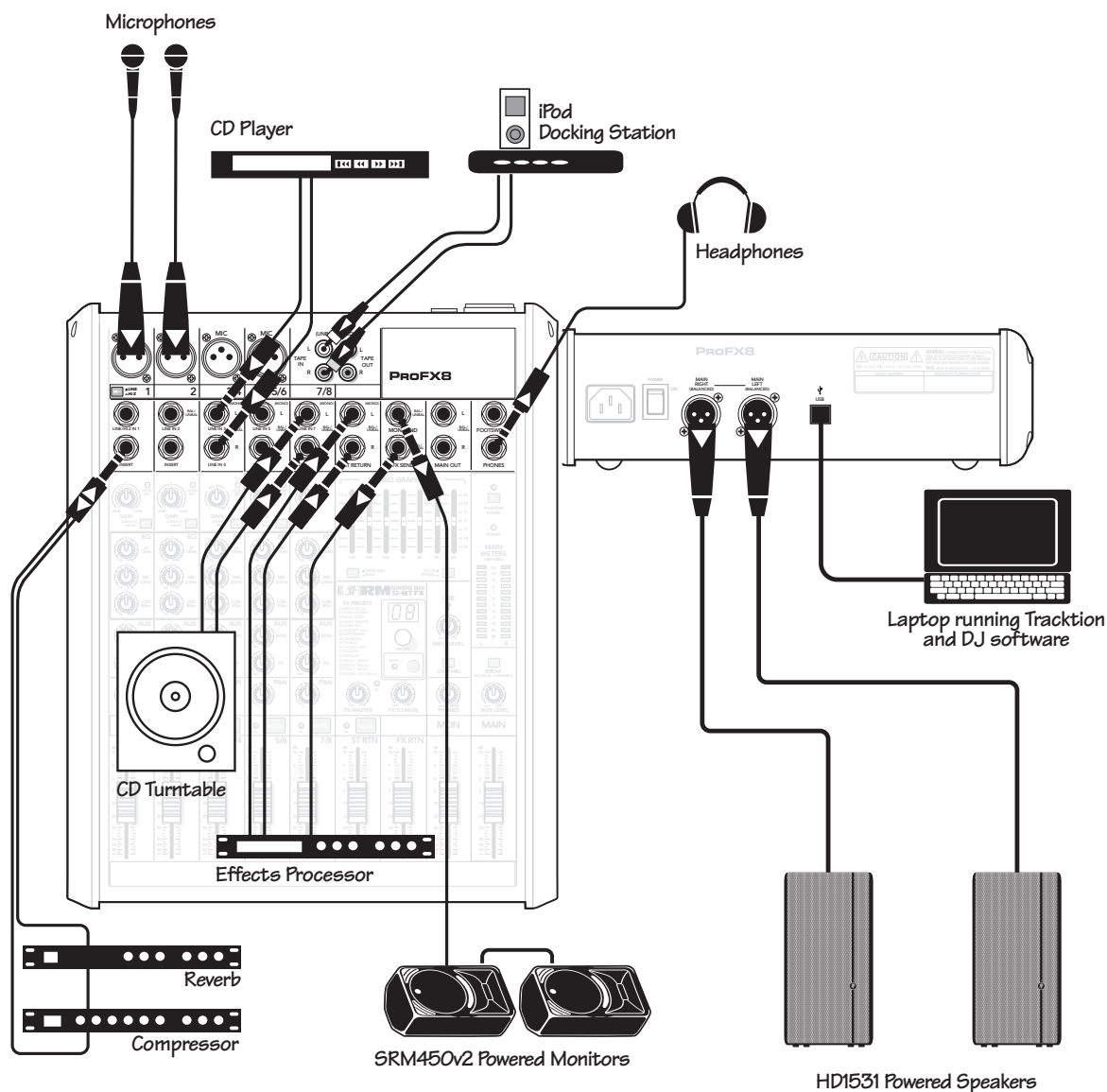
HD1521 Powered Speakers

Keyboard

This diagram shows various microphones attached to channels 1 to 4, a mic'd guitar on channel 5/6, a guitar effects processor connected to the left line-level input of channel 7/8 and a keyboard attached to channel 9/10's line-level inputs. An iPod docking station is attached to the stereo tape inputs. An effects processor receives a mono input from the FX send and its stereo outputs connect to the stereo return inputs. An assistive listening system is connected to the line-level main output. Dual compressors are connected to the inserts of channels 1 to 4, allowing vocal compression.

Mackie HD1521 powered speakers are connected to the left and right main output via a compressor/limiter. Two SRM450v2 powered speakers are set up as stage monitors and connect to the mixer's monitor output via a graphic EQ. The aux mon controls of each channel allow you to create a stage monitor mix that is independent of the main mix. Use the external graphic EQ to adjust the stage monitor EQ, as desired. Headphones are used for monitoring.

A laptop connects to the USB port, and allows the 2-channel main mix of the service to be recorded using Tracktion software. Two channels of audio can also play from the computer to the main mix.

House of Worship System ProFX12

Microphones

CD Player

iPod Docking Station

Headphones

ProFX8

ProFX8

Laptop running Tracktion and DJ software

CD Turntable

Effects Processor

Reverb

Compressor

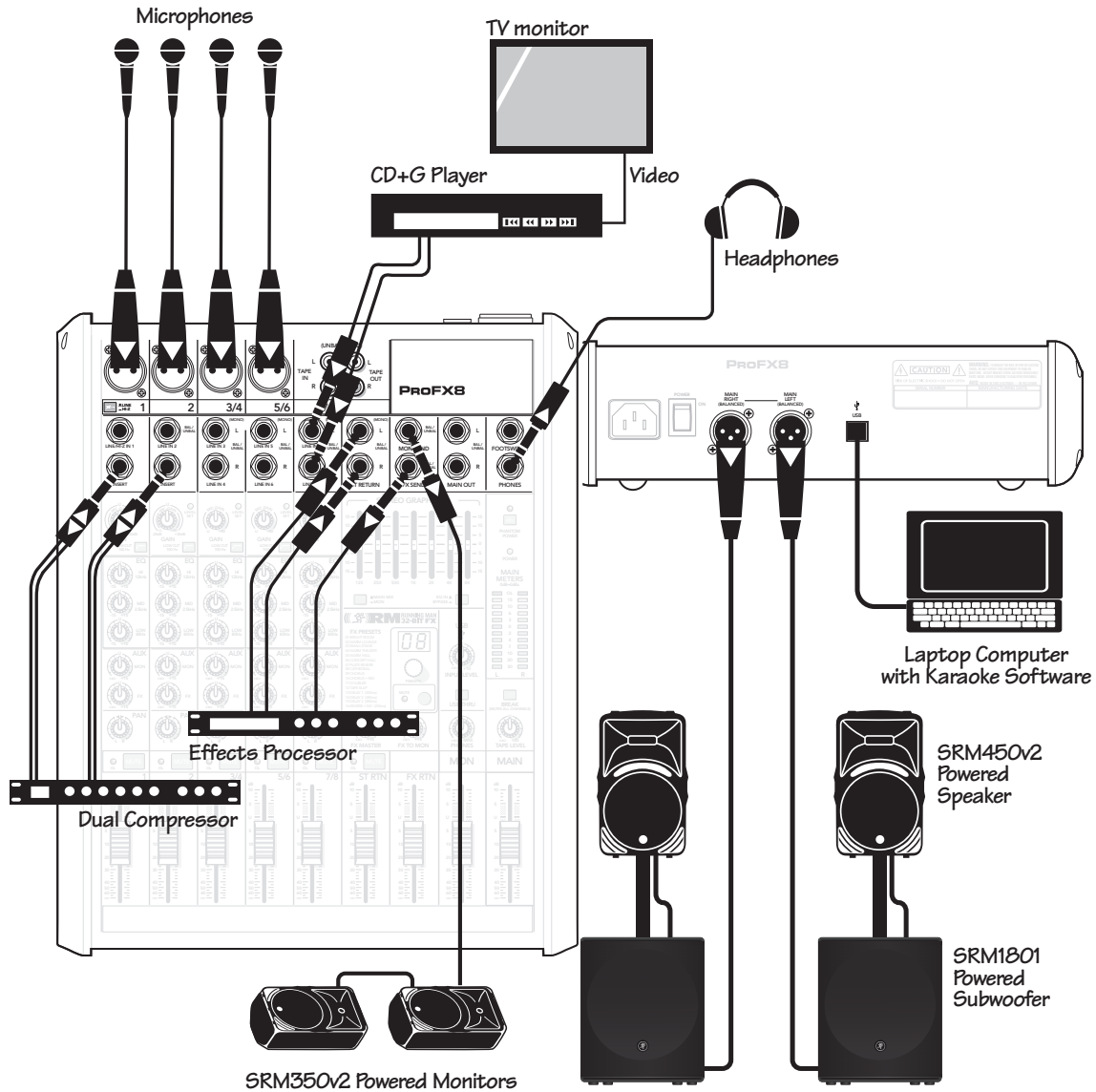SRM450v2 Powered Monitors

HD1531 Powered Speakers

This diagram shows two microphones attached to channels 1 and 2, a CD player connected to the line-level inputs of channel 3/4 and a CD turntable connected to the line-level inputs of channel 7/8. An iPod docking station is attached to the stereo tape inputs. An effects processor receives a mono input from the FX send and its stereo outputs connect to the stereo return inputs. A reverb and compressor are connected to the insert of channel 1 allowing vocal compression and a touch of reverb.

Mackie HD1531 powered speakers are connected to the left and right main output. Two SRM450v2 powered speakers are set up as stage monitors and connect to the mixer's monitor output. The aux mon controls of each channel allow you to create a stage monitor mix that is independent of the main mix. Switch the internal graphic EQ to adjust the stage monitor EQ if desired. Headphones are used for monitoring.

A laptop connects to the USB port and allows 2-channel output of DJ software to play in the main mix. It may also be used to record a set on the computer for posterity.

DJ System ProFX8

Microphones

TV monitor

CD+G Player

Video

Headphones

ProFX8

ProFX8

Laptop Computer
with Karaoke Software

SRM450v2
Powered
Speaker

Effects Processor

Dual Compressor

SRM1801
Powered
Subwoofer

SRM350v2 Powered Monitors

This diagram shows microphones attached to channels 1 to 4 and a CD+G player connected to the line-level inputs of channel 7/8. An effects processor receives a mono input from the FX send and its stereo outputs connect to the stereo return inputs. A dual compressor is connected to the insert of channel 1 and 2, allowing vocal compression.

Mackie SRM450v2 powered speakers and SRM1801 powered subwoofers are connected to the left and right main output. Two SRM450v2 powered speakers are set up as stage monitors and connect to the mixer's monitor output. The aux mon controls of each channel allow you to create a stage monitor mix that is independent of the main mix. Headphones are used for monitoring.

A laptop running Karaoke software connects to the USB port and allows a 2-channel output to play in the main mix.

The CD+G player allows karaoke text and graphics to be displayed on the TV monitor.
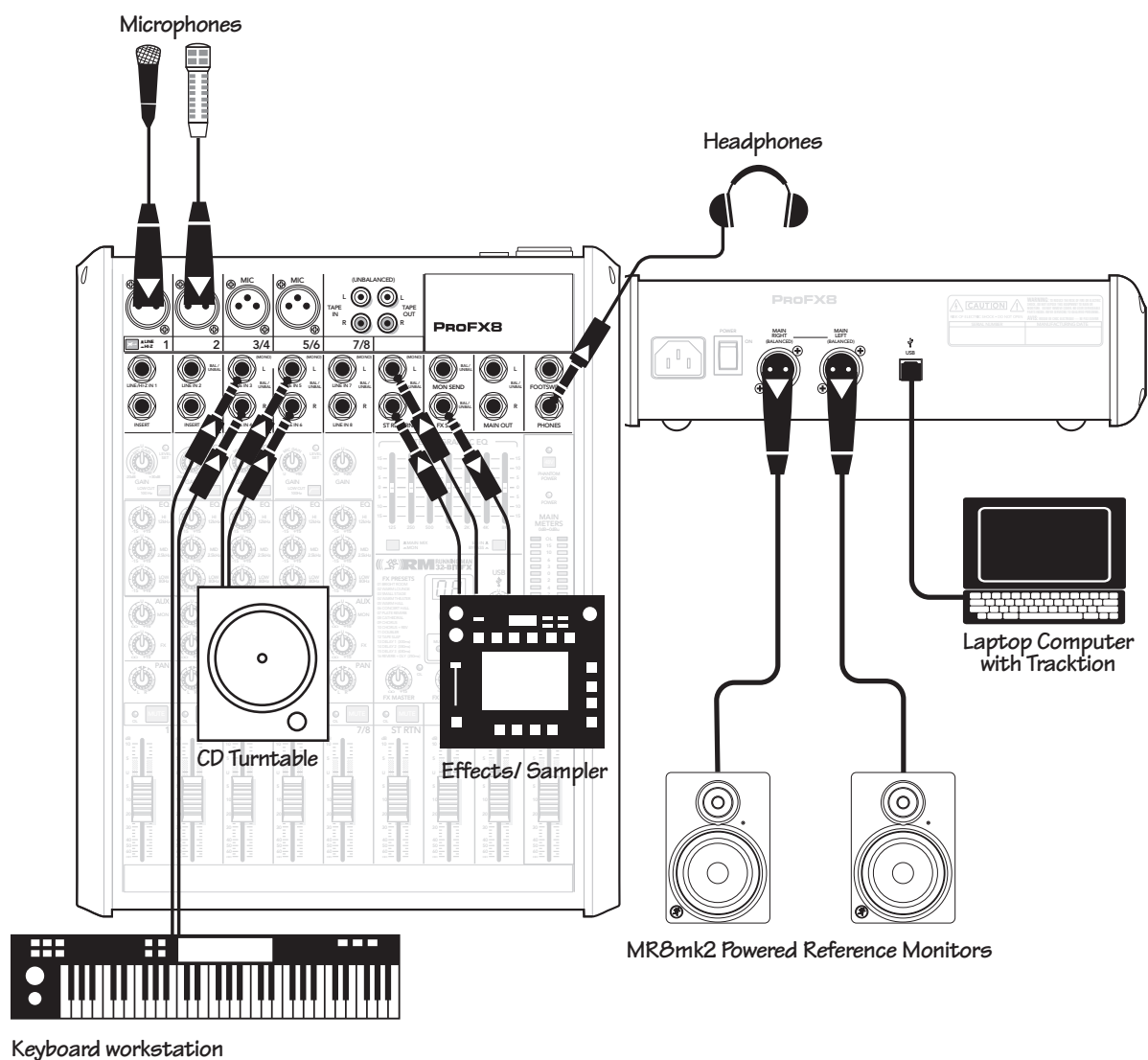
Karaoke System ProFX8
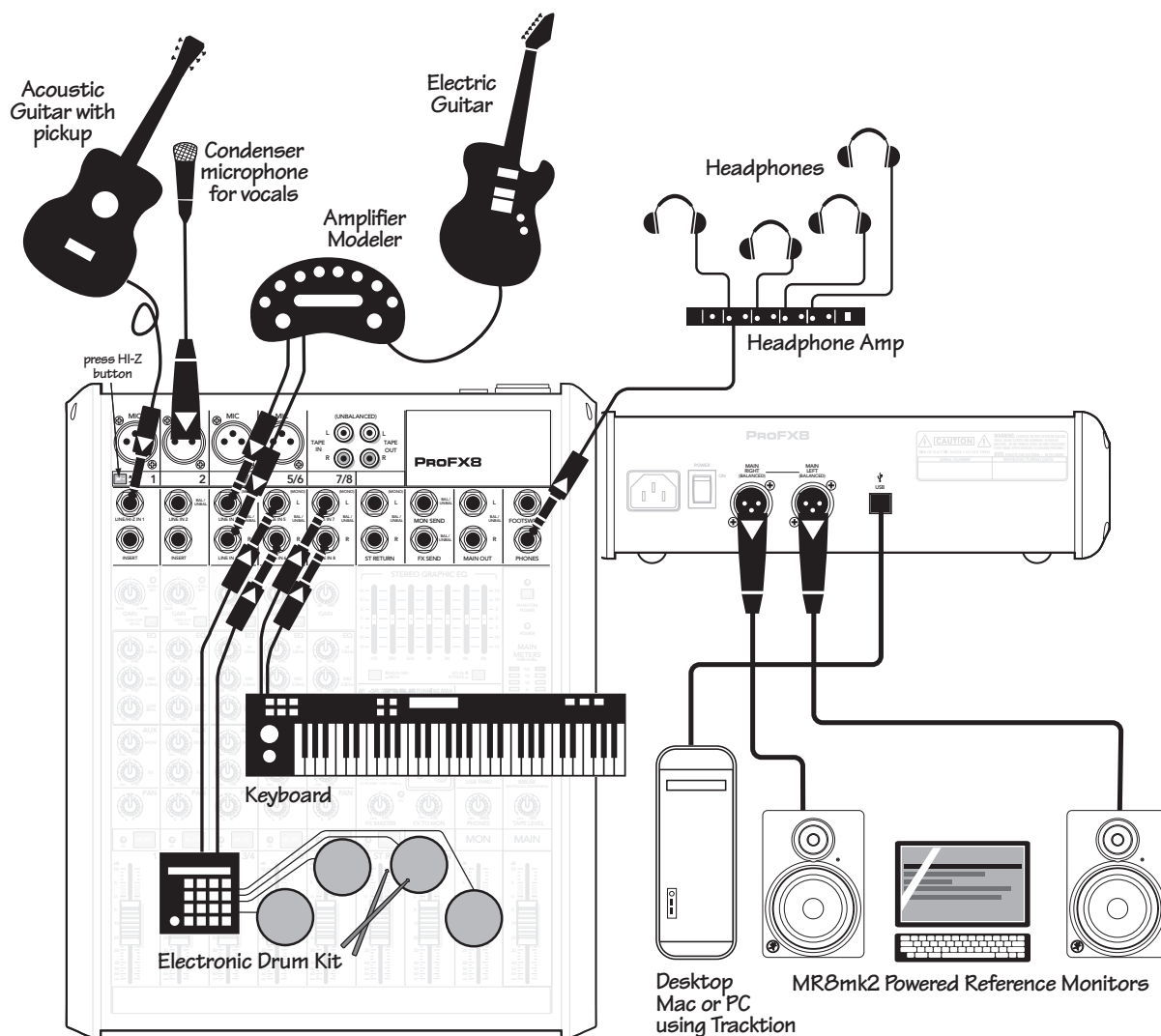
This diagram shows an acoustic guitar connected directly to channel 1 (with the hi-z switch pressed in), a condenser microphone attached to the channel 2 mic input, a guitar amplifier modeler connected to the line-level inputs of channel 3/4, an electronic drum kit connected to channel 5/6 and a keyboard attached to channel 7/8.

Mackie MR8mk2 powered reference monitors are connected to the left and right main output for careful and accurate monitoring of the performance.

A desktop computer connects to the USB port and allows the 2-channel main mix to be recorded and 2 channels to be played back using Tracktion software.

Home Studio System ProFX8

Microphones

Headphones

CD Turntable

Effects/ Sampler

Laptop Computer
with Tracktion

MR8mk2 Powered Reference Monitors

Keyboard workstation

This diagram shows microphones attached to the channel 1 and 2 mic inputs, a keyboard worksta-tion attached to channel 3/4's line-level inputs and a CD turntable connected to channel 5/6's line-level inputs. An effects/sampler receives a mono input from the FX send and its stereo outputs connect to the stereo return inputs.

Mackie MR8mk2 powered reference monitors are connected to the left and right main output for careful and accurate monitoring.

A desktop computer connects to the USB port and allows the 2-channel main mix to be recorded and 2 channels played back using Tracktion software.

Podcast System ProFX8