

Using the Mixer (basics)

The TASCAM M-2516 has sixteen main channels, 8 sub program channels and one stereo buss. Each of the sixteen main channels contains (reading upward) a volume slider, five routing buttons, a PFL and mute button, pan knob, secondary monitor knobs, four auxiliaries, a 3-band equalizer, and a gain knob.

In this tutorial we will only look at a few of these.

The main channel slider controls volume for that channel. Each channel on the mixer corresponds to a location on the top audio patch bay.

The audio patch bays contain two rows. The top row is always an output. The bottom row is always an input. Mixer channel inputs are located on the second row of the top patch bay. These are labeled M1-M16. Each mixer input has a device output “normaled” to its input. These are labeled along the top row of the patch bay. The Proteus is normaled into mixer channels 1-2 and is labeled ProL and ProR. The S80 keyboard is located at mixer inputs 7-8 and is labeled S80-L and S80-R.

To hear the S80, the volume slider on mixer channel 7 and 8 must be raised, the L-R routing button must be pushed, the Red L-R slider must be raised, the button above the L-R slider must be pressed (on), and the studio knob must be turned slightly. **TURN THE STUDIO KNOB UP SLOWLY WHILE PLAYING THE S80.** It is very easy to get a deafeningly loud sound by accidentally turning the knob without monitoring the volume. If you hear hiss from the system, it is usually a sign that something is set too loud. This system is very quiet when set properly.

Now turn up faders for mixer channels 1 and 2. Try to hear the Proteus and S80 simultaneously. Mix their levels by using the faders.

When you are finished, lower all faders, turn off the routing and turn down the STUDIO knob.