

Mixer quick operating sheet

The Dangerous Music **Mixer** was designed for discriminating engineers who need the cleanest 8x2 summing with hand-built quality. We were asked to design a summing box like the 2-Bus but with level, pan, phase, and mute controls. The box needed easy expansion capability to hook up to the 2-Bus or 2Bus *LT* and in that capacity makes a perfect effects return or midi keyboard mixer. Live to mix engineers will appreciate the phase and mute switches. Everyone will love the stellar sound quality. The following paragraphs discuss the connectors on the back panel, and the front panel control groups.

Back panel, left to right (viewed from rear).

Inputs 1-8 The 8 female XLR jacks are the main inputs.

Direct Outputs The 8 male XLR jacks over the input jacks are post-fader direct channel outputs.

Main Outputs The first pair of male XLR's are the main outputs to the mixdown A/D or tape machine. Left is on top, Right on bottom.

Monitor Outs The Monitor Outs feed the mixed signal to the Monitor or Monitor ST (or other monitor section), or the expansion input on a 2-Bus, 2-Bus *LT* or Mixer.

25'D' Expansion Input - This connector has a left and right buss inject for stacking capabilities.

DC input 5 pin DIN that connects to the external power supply. Please plug the DC connector into mixer before applying AC mains power to avoid arcing the contacts.

Ground lugs The ground lugs are strapped for normal use. Should it be necessary to isolate the chassis from the audio ground, the wire can be removed. The top lug is chassis and the bottom is audio ground.

Front panel, left to right

Channels Each of the input channels has a Level and Pan control along with Phase and Mute switches. The pan controls are accurately adjusted at the factory for consistency from channel to channel.

Output Gain The Output Gain control is a stepped attenuator with 1/2- dB steps and a 10 dB range. The steps are matched to hundredths of a dB with low tempco resistors for unsurpassed sound quality and accuracy.