

## Stereo, Mono & A-B Worksheet

The Setup;

Make sure that the CD player is in inputs 31 & 32 and that the flip switches are sending the signal to the channel faders.

Mix B; press the *source switches* on 31 & 32 in the Mix B section so that *channel* is selected; set the pans hard left and hard right. When you monitor Mix B it will be your *Stereo Mix* of the CD player.

To Get A+B (aka *Sum*); Assign 31 & 32 on the channel faders to Bus 1. Assign Bus 1 to the L/R Mix and push the *Assign Bus to mono L+R* down. To monitor this, listen to the L/R Mix.

To Get A-B (aka *difference*); Find the direct out of channel 31 and patch it (using the polarity flip cable) to the line in of channel 30. Now assign 30 & 32 on the channel faders to Bus 3. Assign Bus 3 to the L/R Mix and push the *Assign Bus to mono L+R* down. To monitor this, listen to the L/R Mix. (But make sure you're only hearing Bus 3. Don't listen to Bus 1 at the same time!)

*One more thing*; make sure you're listening to only one thing at a time! Either the stereo mix, A+B or A-B. Otherwise you'll just get confused.

According to the article, when listening to A-B certain instruments should disappear and other should remain. First listen in stereo and then switch to A-B. Now list the changes. Is there some pattern?

	gone	remaining	oddities
Track 1	_____	_____	_____
Track 2	_____	_____	_____
Track 3	_____	_____	_____
Track 4	_____	_____	_____
Track 5	_____	_____	_____
Track 6	_____	_____	_____
Track 7	_____	_____	_____
Track 8	_____	_____	_____

This next set of tracks (9 to 17) is just listening so make sure that you're hear the CD player in stereo. The first track in the set will always be in stereo. Your job is to figure out what has changed in the track following the first in the set. Choose from the following; **A**) stereo (no change), **B**) A+B, **C**) left and right flipped, **D**) A-B (in mono) or **E**) A-B (in stereo)

	Choice		
Track 9	<u>A</u> _____	Track 14	<u>A</u> _____
Track 10	_____	Track 15	_____
Track 11	_____	Track 16	_____
Track 12	_____	Track 17	_____
Track 13	_____		