

**ALLEN&HEATH**

**ZED / Sonar**  
Trouble shooter

**If your mixer needs servicing, repair or replacement, please contact your supplier.**

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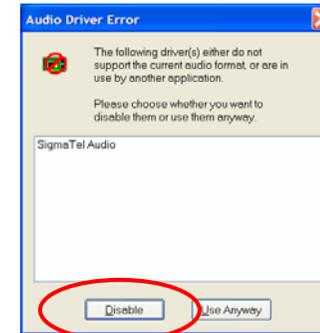
## INSTALL SONAR

### SONAR LE Installation.

Put disk into CD or DVD ROM drive and follow instructions on screen.

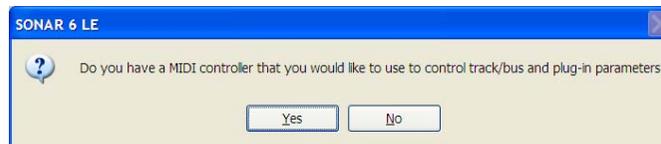
#### Notes:

- **Audio Driver Error**  
If prompted that there is an Audio Driver Error, click Disable.

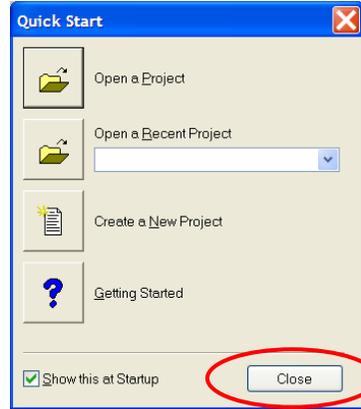


- **MIDI controller**

If you have a MIDI controller, click YES and choose the device from the list.  
If you do not have a MIDI controller, click NO



- **Quick Start**  
Close the Quick Start window.

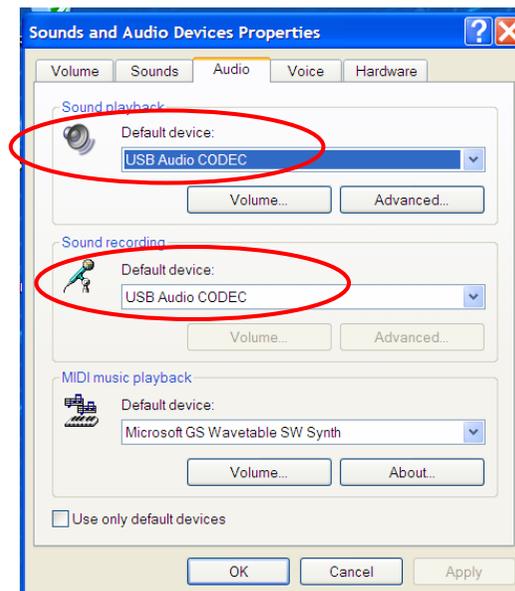


- **Close Sonar**  
Shut down the Sonar program.

## SONAR LE Audio Configuration with ZED.

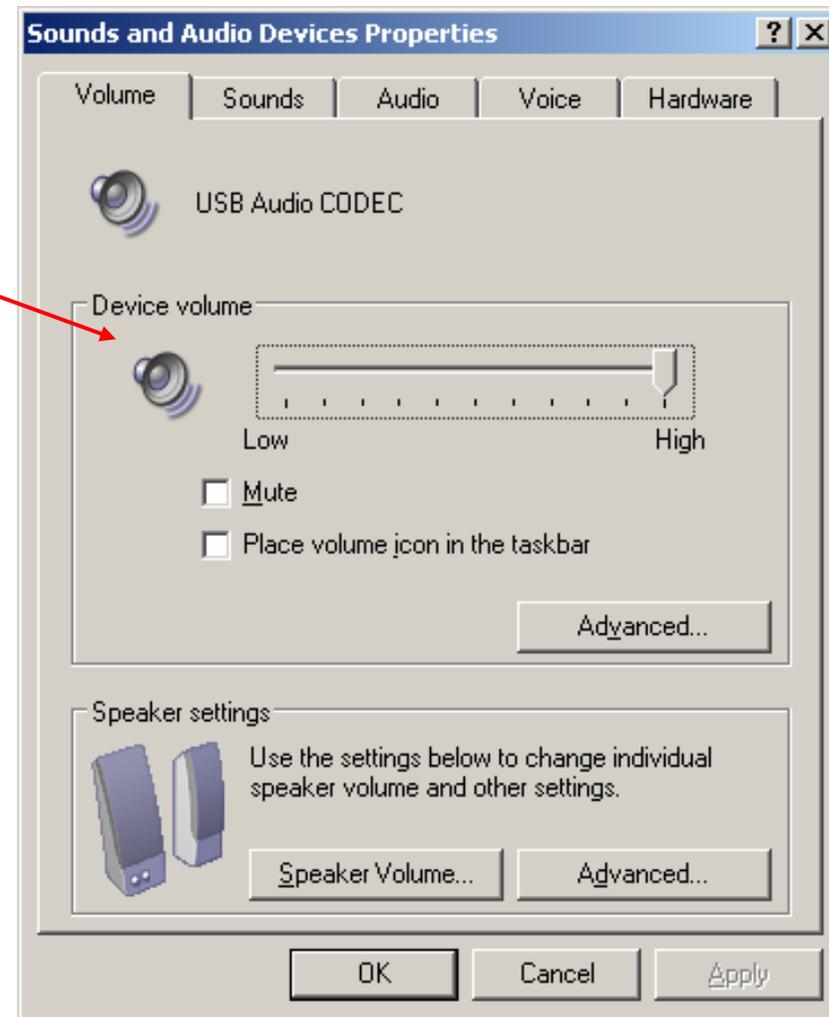
Configure your SONAR LE software to communicate audio to and from your ZED mixing console.

1. Power ON the ZED.
2. Connect the USB lead from the computer to the USB port on ZED.
3. Check that your computer has recognised the connection of the ZED USB device by clicking Settings/Control Panel/Sounds and Audio Devices.



The device name should be USB Audio CODEC (ensure there are no other external audio devices attached to the computer).

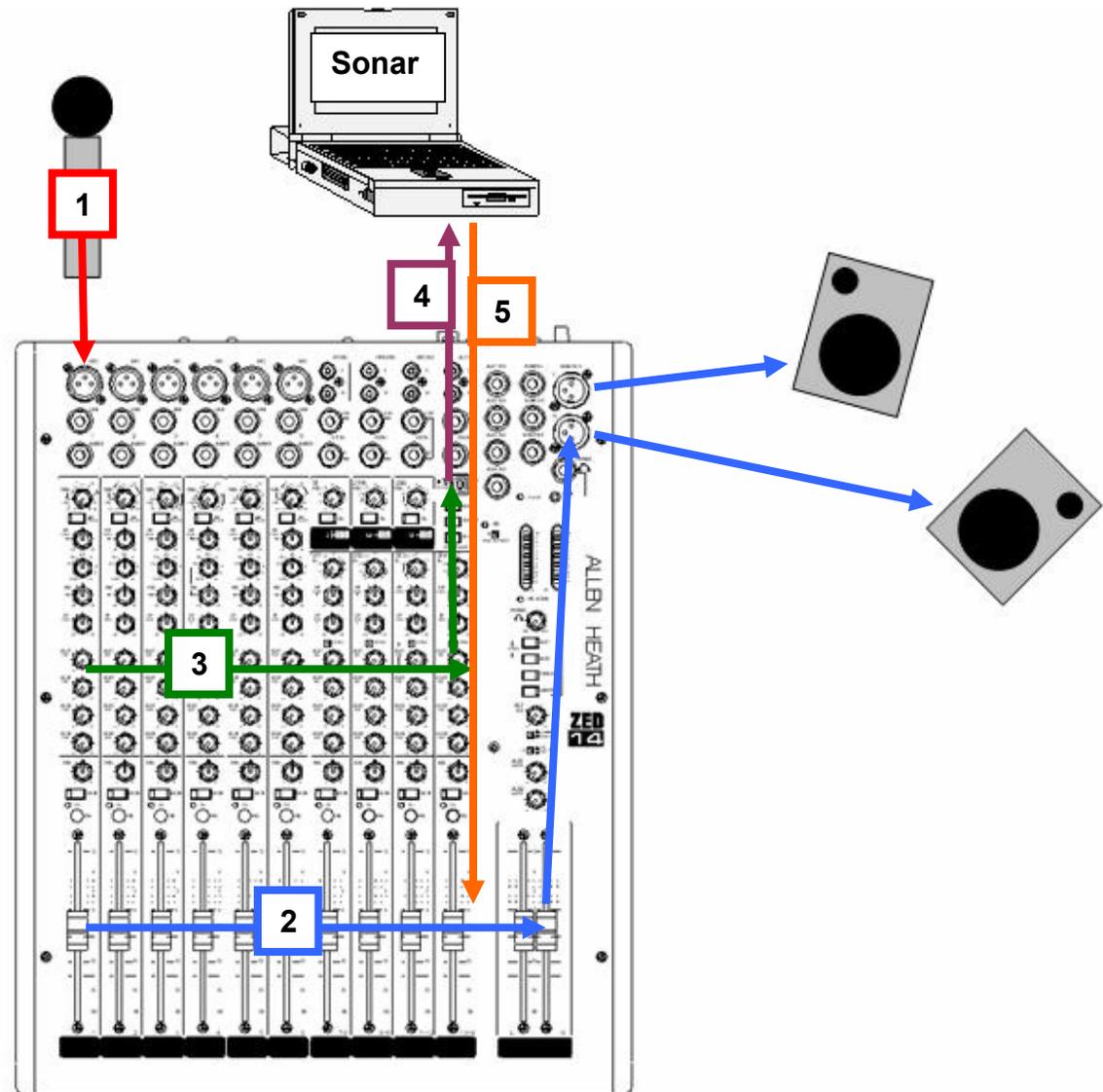
4. Set the Device Volume to High.



It is also a good idea to select "No Sounds" in the Sounds window.

## SIGNAL PATH

1. Music input to ZED.  
Instruments, mics, CD/MP3 on mono or stereo channel inputs.
2. Main L R outputs for monitoring.  
All inputs (including USB return channel 11-12), go to main L R outputs and monitor speakers.
3. Signals to be recorded send on Aux 1-2.  
Turn up Aux 1-2 sends on music input channels to send to USB.
4. USB Send from Aux 1-2.  
Music input signal sends out on USB to Sonar for recording.
5. USB Return to channel 11-12.  
Tracks in Sonar are send via USB RTN to stereo channel 11-12 to be routed to main L R for playback.



### **Follow mic signal:**

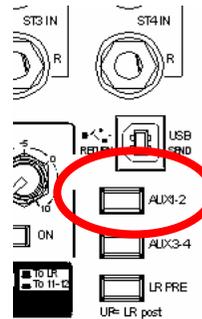
1. Mic signal in to Mono channel 1.
2. Channel fader sends signal to main LR speakers for monitoring.
3. Channel 1 aux 1-2 sends signal to USB.
4. USB Send set to pick up aux 1-2 and send signal out to Sonar for recording.
5. Recorded mic signal playback from Sonar to ZED USB. USB sent to stereo channel 11-12. Stereo channel 11-12 fader up so that Sonar playback can be heard on main L R monitors.

## RECORD FROM ZED TO SONAR

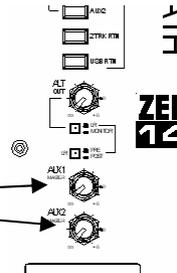
**ZED**

*Make sure you have a music signal ! PFL the music input channel.*

1. Set USB Send to Aux 1-2



2. Set Aux 1-2 masters to 0dB



3. Turn up the aux 1-2 sends on the music input channel.



# Sonar

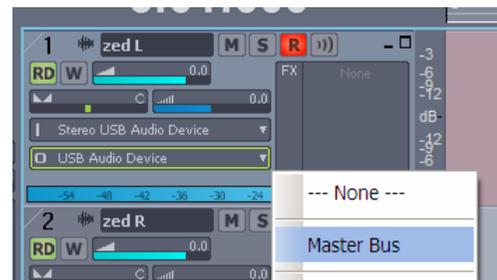
1. Select an audio track. Double click on the name and call it zed L



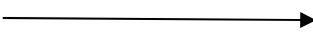
2. Set Input to Left USB Audio Device.



3. Set Output to Master Bus



4. Pan Left



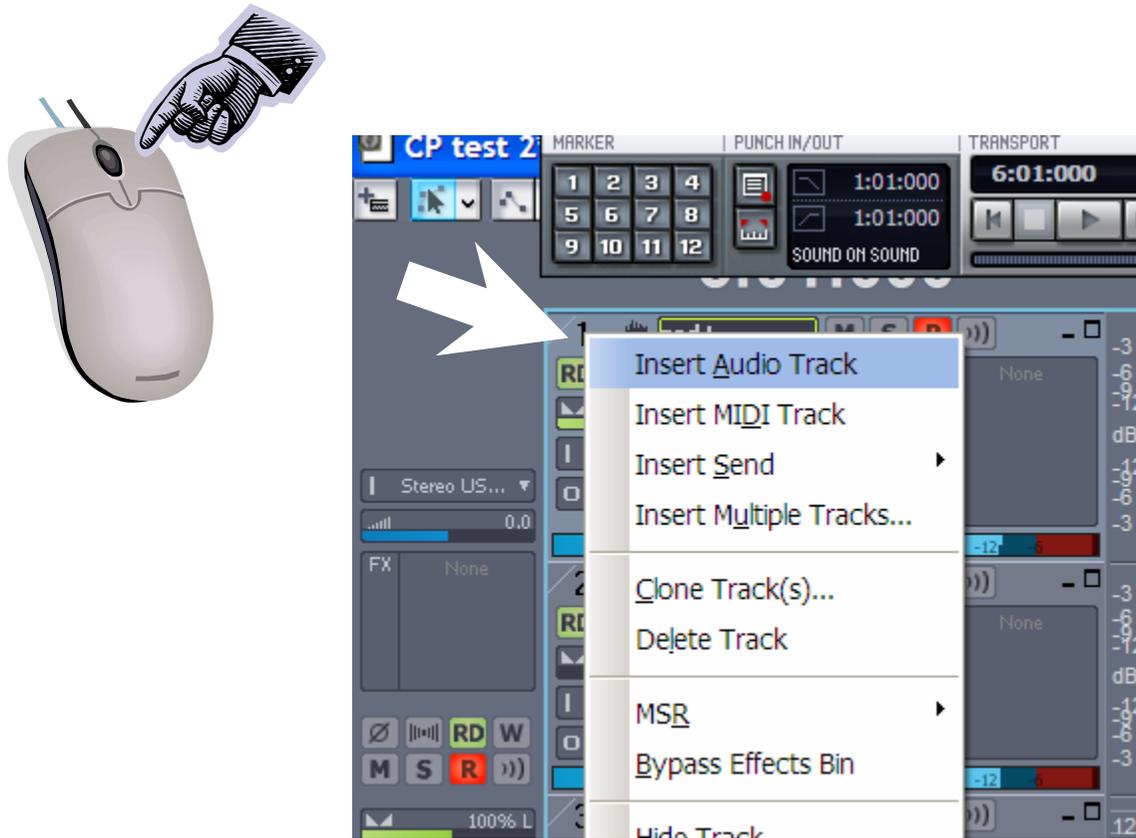
5. Press the track record button



6. Check the track meter for signal



7. Right click on track 1 and insert a new Audio Track



8. Name the new track **zed R**

9. Set the Input as **Left USB Audio Device**

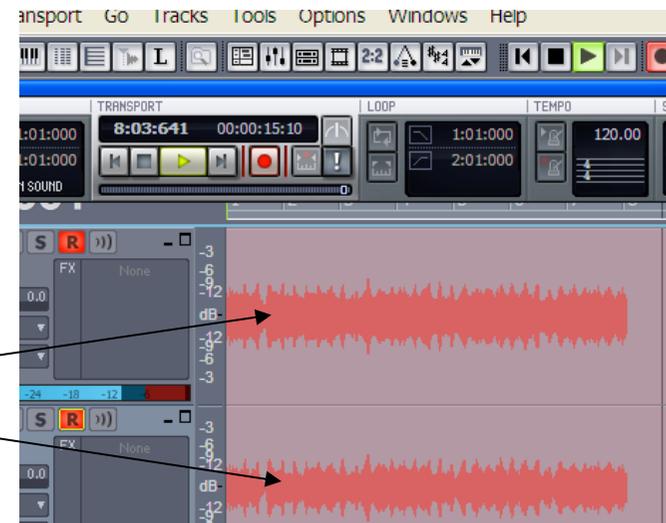
10. Set the output as **Master Bus**

11. Pan **Right**

12. Press  and check for signal.

13. With signal present, press Record  on the Transport panel.

14. You will see the audio recording in the display



## Monitoring

You can monitor the audio either by listening to headphones or by listening to speakers connected to the main L R outputs.

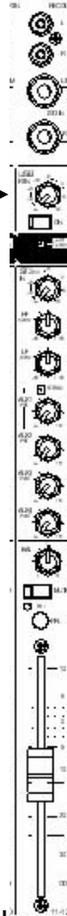
## PLAYBACK FROM SONAR TO ZED

### ZED

1. Monitor speakers connected to main L R outputs. *Turn amps down*
2. Master faders at 0dB.
3. Set USB RTN channel 11-12

- a. Level 0dB
- b. ON
- c. 11-12

- d. Fader to 0dB



# Sonar

1. Press PLAY  on the transport panel



2. The audio will be displayed.



## MONITOR THE PLAYBACK

Turn up the monitor speaker amps or listen on headphones.

## **BACKING TRACK RECORDING ONTO OVERDUB TRACKS**

This is due to the USB RTN being routed to the bus you are using as a record send. The user guide suggests using aux1 & 2 as a record send.

1. On USB RTN channel 11-12 make sure the aux 1 – 2 sends are turned down. If they are turned up at all, they will send backing track signal onto the new track.
2. If you are using the **main L R as a recording send**, make sure that USB RTN is routed to 11-12 and that channel 11-12 fader is down.

## **FEEDBACK LOOP**

This is due to the USB RTN being routed to the bus you are using as a record send. The user guide suggests using aux1 & 2 as a record send.

1. On USB RTN channel 11-12 make sure the aux 1 – 2 sends are turned down. If they are turned up to a high enough level, they will send backing track signal onto the new track. At a high level, the backing signal will be coming back through the USB RTN and then send out to record again, then come back through the USB RTN etc etc etc causing a feedback loop.
2. If you are using the **main L R as a recording send**, make sure that USB RTN is routed to 11-12 and that channel 11-12 fader is down.