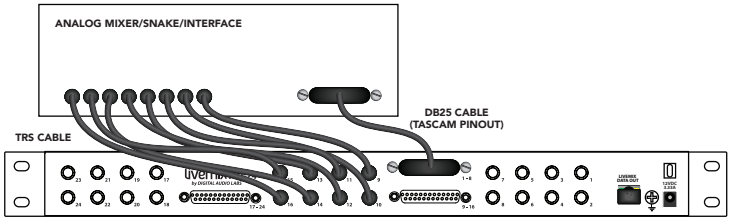
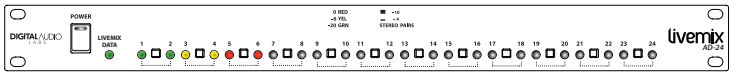
1 ANALOG OUTPUTS TO AD-24 INPUTS



1. Connect the direct outputs of your analog mixer, snake or interface to the individual analog inputs on the AD-24.
2. The AD-24 offers both 24 individual ¼" inputs, as well as (3) 8-channel DB-25 inputs.
3. The ¼" TRS connections 1-24 are mirrored (in parallel) on DB-25 connections 1-24 so they can operate as a pass-through if necessary.

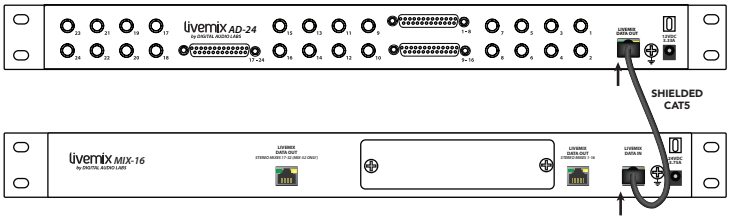
If your mixer does not have direct outs, you can use the channel *inserts*, using a specially wired cable that connects the "tip" and "ring" signal. Consult your Digital Audio Labs dealer for details on obtaining this cable.

2 AD-24 SETUP



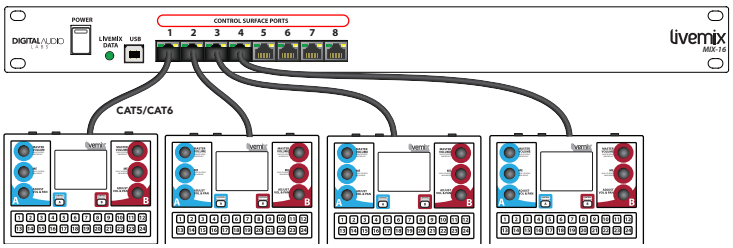
1. The AD-24 can accept -10dBV and +4dBu line level audio. Press the button IN for +4dBu signals and leave it OUT for -10dBV signal. These operate in stereo pairs, one switch controls both inputs. If you are unclear on which to use, consult the manual of the product you are connecting.
2. The front panel has LED indicators to tell you the signal strength of an input.
   - GREEN indicates a signal with appropriate levels.
   - YELLOW indicates the signal level needs to be lowered. Periodic yellow levels may be acceptable.
   - RED indicates the signal is clipping and will sound distorted.

3 AD-24 TO MIX-16



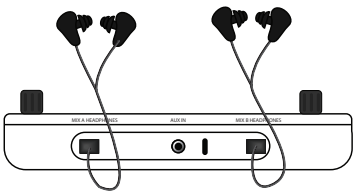
1. Connect a **shielded CAT5 cable** from the Livemix Data Out of the AD-24 to the Livemix Data In of the MIX-16.
2. A direct connection between the AD-24 and the MIX-16 is required. The system will not function if a switch or hub is used between the two devices.

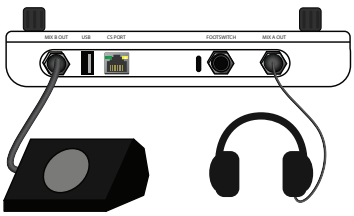
4 MIX-16 TO CS-DUO



1. Using CAT5 cable, connect each CS-DUO to one of the output ports on the front panel of the MIX-16.
2. A direct connection between the MIX-16 and CS-DUO is required. The system will not function if a switch or hub is used between the two devices.

5 CS-DUO OUTPUT OPTIONS





1. The CS-DUO allows for 1/8" or 1/4" headphones, or In-Ear Monitors. It can also be configured as Balanced Mono for use with a powered floor monitor.
2. To use 1/8" headphones, use the front panel headphone jacks. To use with 1/4" headphones, use the back panel 1/4" jack.
3. To use with floor monitors, the output settings must be changed in the CS-DUO. This can be done from the Mix Output Settings screen. See the CS-DUO Users Guide for detailed information.

The 1/8" front panel and 1/4" back panel connections are mirrored (in parallel). The system can be set up for balanced mono or stereo output, but not both at the same time.

6 CHANNEL NAMING

Livemix makes it easy to name each channel. It is covered here as part of a quick setup and further in the CS-DUO User Guide.

1. **PRESS** and **HOLD** on a channel cell on the touchscreen to select a channel to edit.
2. **PRESS** and **HOLD** the top bar with the channel number.
3. **ENTER** the channel name on the touchscreen.
4. **PRESS** Done or continue to the next channel with the Next Channel button to the right of the entry box.
5. The name will now show up on all the Control Surfaces in the system.

7 LOAD/SAVE GLOBAL TEMPLATE

Once the Livemix system is setup and channels have been named, it is a good practice to Save the Global Settings. The Global Templates differ from the Saved Personal Mixes in that Global Templates store only the Channel Names, Channel Effect settings, and Global information. Saving a Global Template allows recall of band or team names and settings.

Saving a Global Template

1. **PRESS** Mix Tools on the touchscreen.
2. **PRESS** Global Setup.
3. **PRESS** Global Template Load/Save.
4. **SELECT** a location to save the template.
5. **PRESS** Save Selected Global Template.
6. **PRESS** Yes to confirm save.
7. **ENTER** Template Name.
8. **PRESS** Done.

Loading a Global Template

1. To Load a saved Global Template, follow steps 1-3 above.
2. **PRESS** the slot of the Template you wish to load.
3. **PRESS** Load Selected Global Template.

8 MIRRORMIX REMOTE MIXING

Some performers may need help with their mix. With MirrorMix, any Control Surface can control any other mix while hearing what the remote performer is hearing. You can also Load a mix from the local unit onto the remote unit. Please consult the CS-DUO User Guide for detailed MirrorMix information.

To MirrorMix a remote CS-DUO

1. **PRESS** Mix Tools on the touchscreen.
2. **PRESS** MirrorMix.
3. **SELECT** the Port and Mix to MirrorMix. The Port corresponds to the Ports on the MIX-16 with A being the *A mix* and B being the *B mix*.
4. The orange screens indicate you are mixing a remote Control Surface.
5. **PRESS** the gray X at the bottom of the Channel Overview screen to exit.