



Using Digital Learning Technologies in Junior Cycle Music

Guide to Setting up an Audio Interface



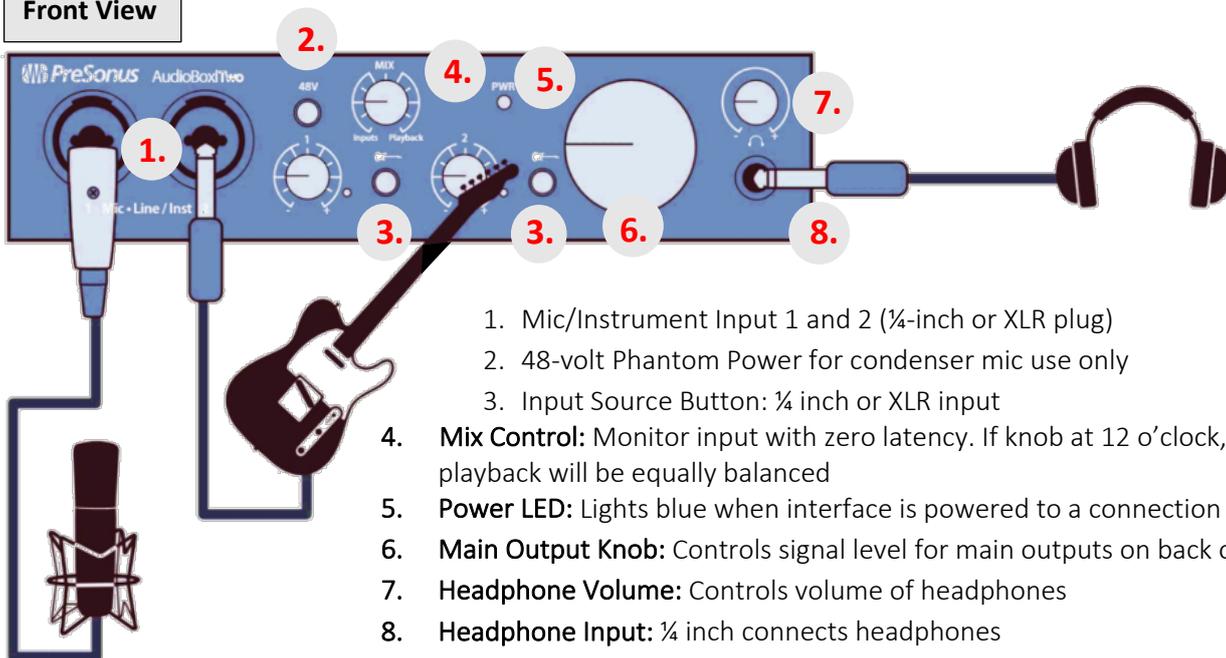
An Audio Interface allows you to connect and record a variety of instruments playing live into a computer. Essentially, it is an external sound card which enables you to connect musical instruments and other equipment to a computer.

By using audio editing software, you can record students playing instruments live and then edit or process these recordings. Connecting to computer speakers and/or headphones will enable you to listen to the recorded or real-time (live) audio. This is useful when a number of musicians are recording the same piece.

There are a wide variety of audio interfaces available.

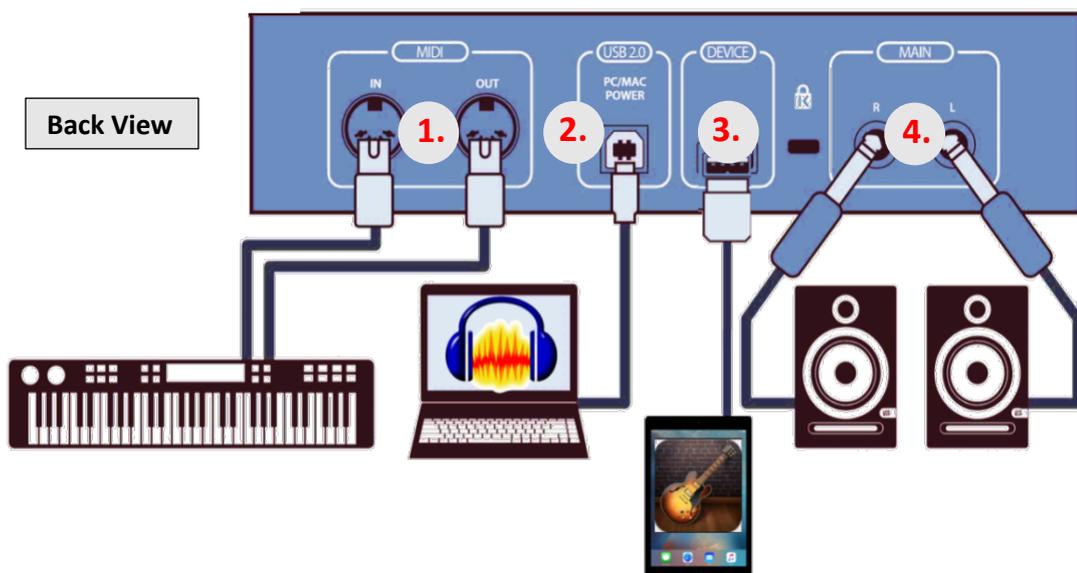
The interface featured in this resource is for illustrative purposes only.

Front View



1. Mic/Instrument Input 1 and 2 (¼-inch or XLR plug)
2. 48-volt Phantom Power for condenser mic use only
3. Input Source Button: ¼ inch or XLR input
4. **Mix Control:** Monitor input with zero latency. If knob at 12 o'clock, input and playback will be equally balanced
5. **Power LED:** Lights blue when interface is powered to a connection on your device.
6. **Main Output Knob:** Controls signal level for main outputs on back of interface.
7. **Headphone Volume:** Controls volume of headphones
8. **Headphone Input:** ¼ inch connects headphones

Back View



1. **MIDI In/Out:** Midi inputs and outputs allow connection to external MIDI equipment
2. **Power:** Connect USB cable (supplied) to computer to power interface. No external power supply required
3. **Device port:** Allows an Apple cable to connect to interface
4. **Main Outputs:** To connect speakers to interface