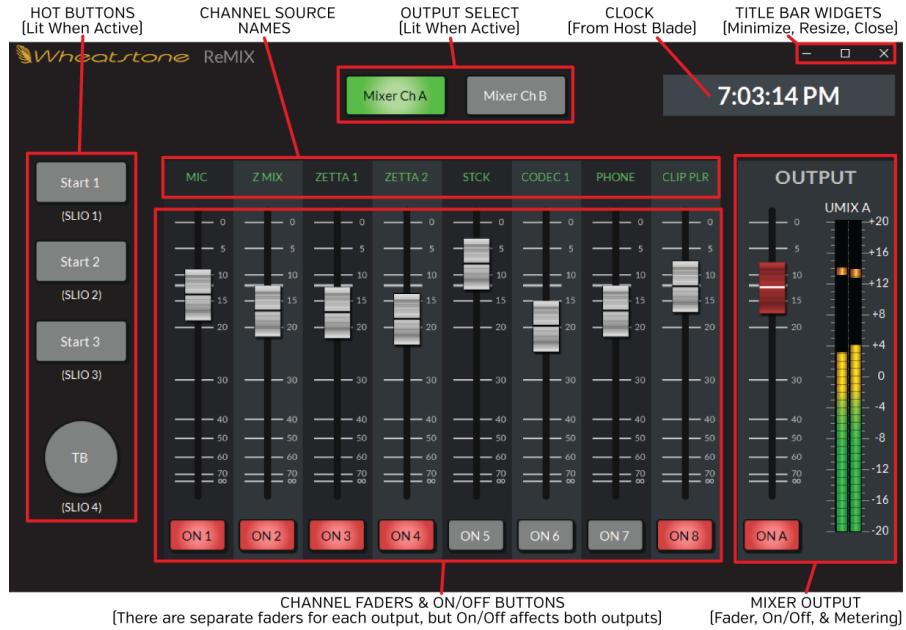# Wheatstone Corporation

ReMIX User Guide

ReMIX Mixer Screen

ReMIX is used to mix a show in real time from home or other remote location with Internet access. The app is typically run on a station PC that's accessed using any station-approved remote access software. The app can alternately be run on a local Windows 7 or later PC in the field—if that PC has direct access to the station's audio network over a secure connection.

ReMIX is used to control software-based 8x2 mixers built into equipment at the station. Engineering will have pre-set which channel sources are available for you and what functions the four Hot Buttons control. The ReMIX mixer has two outputs (UMIX A and UMIX B), although for many users only the UMIX A output is used. It's important to note that ReMIX only controls a mixer at the station. It doesn't carry any audio, so a codec will need to be used to send the remote audio (typically your microphone audio) to the station and to return monitor audio to the remote site so you can hear your mix.

In most cases, ReMIX will already have been setup for you so that when you access the app, it looks like the screen shown above with your pre-set audio source names listed above the channel faders. ReMIX has two mixed outputs: UMIX A and UMIX B. Each has its own Master On button, fader, and level display. To get audio out of the mixer the master must be turned on and its fader set near the Unity Gain position (as shown above). To turn on a channel, click a gray On button, which turns red to indicate that channel is now turned on. Adjusting the channel faders controls the mix, using the master level meter and master fader so that the peak meter indicators (the red "LEDs") stay roughly between +12 and +18 on the meter.

For many users, only the UMIX A output will be used. To use this output, make sure the Mixer Ch A button is green, indicating you're viewing the UMIX A output, which is typically your air feed.

If the UMIX B output is also being used, clicking the Mixer Ch B button (it turns blue) switches to show the UMIX B set of faders and its output level. UMIX B can be used to create a second mix using a different mix of sources from UMIX A. Each ReMIX output has its own set of channel faders: when the Mixer Ch A button is green the UMIX A set of faders are shown, when the Mixer Ch B button is blue the UMIX B set of faders are shown. Note: the channel on/off buttons affect both outputs, thus one often turns on all channels so that any channel can be used to feed either UMIX A or UMIX B, or feed both outputs. The two sets of faders are then used to control the mix of channels feeding the UMIX A output while the Mixer Ch A button is green, and which channels feed the UMIX B output when the Mixer Ch B button is blue. When both outputs are going to be used, one of the Hot Buttons is typically setup by engineering so that you can easily switch between listening to UMIX A or UMIX B. Typically, when that Hot Button is unlit, you're listening to UMIX A. When it's lit, you're listening to UMIX B.

If the ReMIX mixer screen is not already open on the PC, double-click its desktop icon to start the app. This opens the ReMIX Connection screen (both are shown at right). Click on the Host entry box down arrow to list the Host IP addresses. Highlight the IP address you've been assigned. It then appears in the Host Address entry and ReMIX checks that it can talk to that host device. If it can, a green checkmark is displayed. Clicking Connect opens the ReMIX mixer screen that's shown at the top of this page.