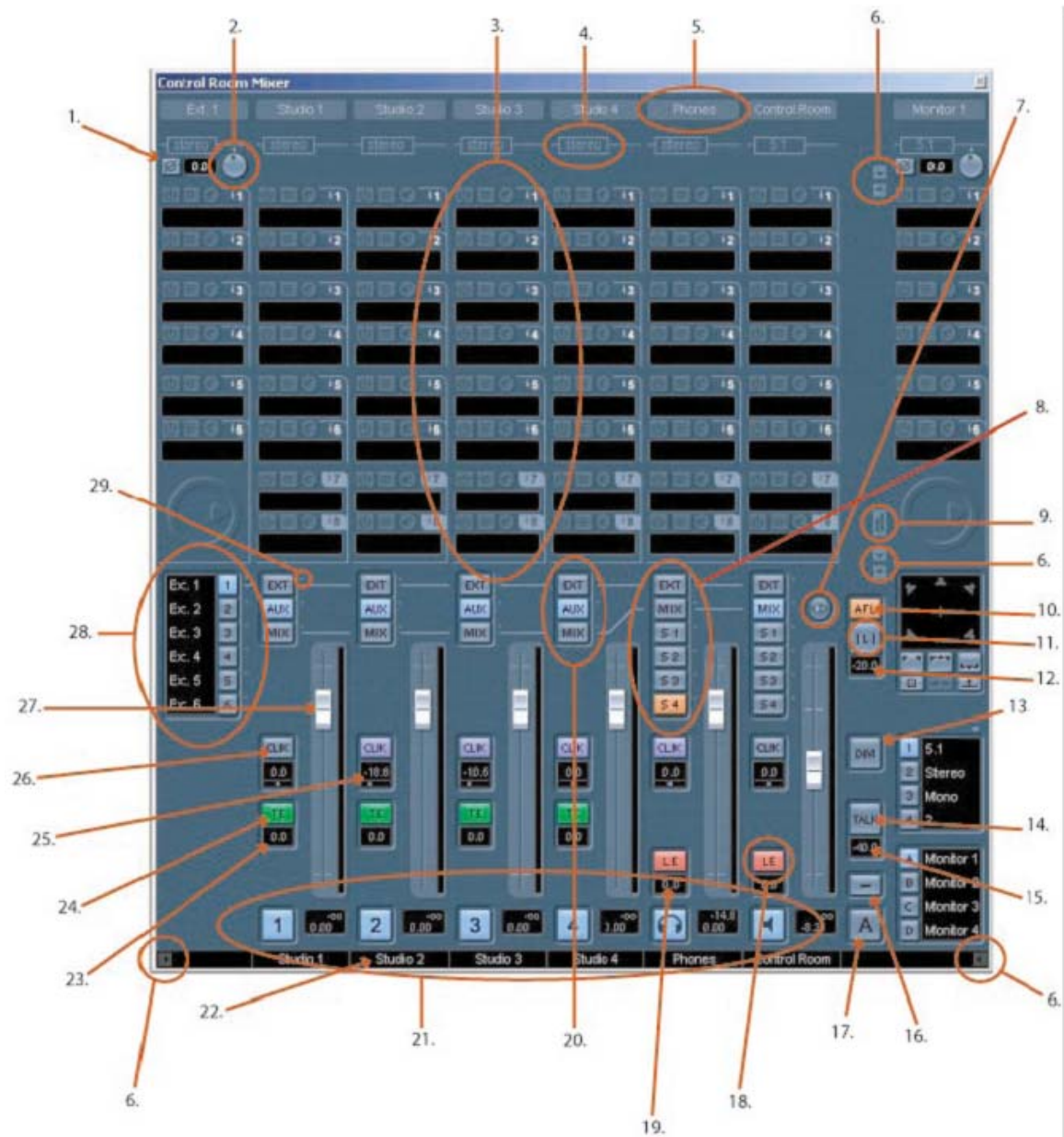


Nuendo - The Control Room Mixer Overview



1. Input Phase

Each External Input and Monitor speaker output has a Input Phase reversal switch. When lit, all audio paths within the channel will have their phase reversed.

2. Input Gain

Each External Input, Monitor speaker output and the Talkback input has an Input Gain control. When an External Input or Monitor becomes active, the Gain settings will be recalled.

3. Channel Inserts

Each channel in the mixer has inserts available. While most channels have six pre-fader and two post-fader inserts, the External Inputs and Monitors only have six pre-fader inserts.

4. Channel Configuration

This displays the current configuration of audio paths in the channel whether stereo, 5.1 etc...

5. Channel Labels

This displays the name of the channel as defined in VST Connections.

6. Expansion Tabs

There are four expansion tabs that open and close various portions of the Control Room Mixer. The default settings are with these portions closed.

7. Use Reference Level

When this button is on, the Control Room Level is set to a predetermined level for calibrated mixing environments such as film dubbing stages. Press [Alt]/[Option] and click on this button to set the Reference Level to the current Control Room level. This setting is also available in the Preferences dialog.

8. Control Room and Headphone Input Selectors

These buttons allow the selection of various input sources for the Control Room and Headphone channels. The choices are for External Input, Main Mix, or any one of the four Studio channels.

9. View Selector

This toggles the Expanded View area from the Meters to the Inserts.

10. Listen Bus AFL/PFL

This button determines whether the signals sent to the Listen Bus are pre-fader (PFL) or post-fader (AFL).

11. Global Listen Defeat

When lit, this indicates that one or more channels in the Project Mixer are Listen enabled. Clicking on this button defeats Listen mode for all channels.

12. Listen DIM

This gain control adjusts the volume of the Main Mix when channels have been put in Listen mode. This allows you to keep Listen enabled channels in context with the Main Mix. If the Listen DIM is set to minus infinity, Listen enabled channels will be heard by themselves. Any other setting leaves the Main Mix on at a lower level.

13. DIM Enable

This turns the Control Room Level down by a preset amount (default is -30dB). This allows a quick reduction in monitor volume without disturbing the current monitor level.

Clicking on the DIM button again returns the monitor level to the previous setting.

14. Talkback Enable

This is the TALK button that turns on the Talkback system allowing communication between the control room and performers in the studio. There are two modes of operation: momentary mode used by clicking and holding the Talk button, and latch mode where clicking once turns the Talkback on until you click it again to turn it off.

15. Talkback DIM Level

When the Talkback is enabled, this control allows you to determine how much the output of all the channels in the Control Room Mixer is reduced. This ensures that communication is clear and can be heard above the main mix. If the Talkback DIM level is set to 0dB, no change will occur in the Control Room channels.

16. Cycle Down-Mix Preset

The Control Room allows four different Speaker Down-Mix settings for auditioning with various speaker configurations. Clicking this button cycles through the four Down-Mix presets. Various icons appear to show which preset is active.

17. Cycle Monitor Selection

Pressing this button changes the Monitor selection to the next available set. As Monitor are changed, so are the Down-Mix presets, Monitor inserts, Input Gain and Input Phase controls associated with that Monitor set.

18. Listen Bus Enable

This turns on Listen Bus functions for either the Control Room or Headphone outputs. If this is not enabled, the Listen Bus will not be routed to that channel.

19. Listen Bus Gain

This level adjustment determines how loud Listen Bus signals are when routed to the Control Room or Headphone outputs. Clicking on the number pops up a fader control for adjustment.

20. Studio Input Selectors

For Studios Channels, the input choices are External Input, Aux (from Studio Sends) or Main Mix.

21. Activate Channel Buttons

These buttons turn each channel's output on or off. When lit, the channel is on.

22. Channel Labels

These labels reflect the names created in VST Connections.

23. Talkback Level

This pop-up fader controls the amount of Talkback signal fed to each Studio's output.

24. Talkback Enable

In order for Talkback signals to be routed to a Studio, this button must be lit. Clicking on it turns it on or off. When the Talkback Enable is off, the Talkback DIM setting has no effect on this output.

25. Metronome Mix

This level and pan controls how the Metronome will be heard in each channel. These controls are independent for each channel.

26. Metronome Enable

This determines whether click signals are sent to each channel. When lit, click signals will be heard in that output.

27. Channel Level Control

This is the main volume for each Control Room output. They do not affect recording input levels or the Main Mix level for exporting mixdowns.

28. External Input Switching

There are six available External Inputs. These buttons determine which External Input is currently being used. The names for each External Input will be seen here as they were created in VST Connections.

29. Signal Presence Indicators

In the Preferences dialog, there is the option to display these Signal Presence Indicators as a substitute for the full size meters.