

E-MU 0404 USB MAIN PANEL CONTROLS



1. MIDI In/Out Activity Indicators

These indicators light when data is being sent or received from the MIDI port.

2. Direct Monitor Level Control

This encoder controls the mix of the input signal into the main output from full level to off.

3. Direct Monitor Output Switch & Indicators

Turns direct monitoring on or off and allows you to send the direct monitor signal to either the Main output or the S/PDIF output. The direct monitor signal is a mix of all inputs.

4. Mono Switch (Direct Monitor)

When on, the left and right direct monitor channels are summed to mono. This feature is useful when the two inputs are being used for separate instruments.

5. Main Output Level

Controls the Main Output level.
Use Balanced cables for Professional audio level signals.
Use Unbalanced cables for Consumer audio level signals.

6. Sync Status Indicators

Indicates if the digital clock source is set to internal or external. Select External Sync in the E-MU USB Audio control panel to select external clock. The External LED will flash if sync is not valid. for additional information about using digital inputs.

7. Soft Limit LEDs

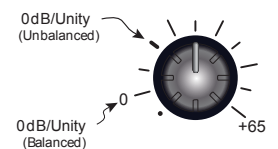
The Soft Limit LEDs indicate that the signal level is being soft limited. When enabled in the E-MU USB 2.0 Audio Control Panel, the analog soft limiters begin to gently turn down the gain whenever the signal level goes above -12 dBFS. The soft limiters allow you to run a hotter signal without fear of clipping.

8. Signal Level & Clip Indicators

The LED signal level indicators show the signal level for both analog inputs. The red clip indicators momentarily remain on whenever your input level exceeds -2.5 dBFS. With a proper signal level, the yellow -3dB LED will come on occasionally, but the red clip LED should never light.

9. Input Level Gain Controls

The preamp level controls set the input gain from 0dB to +65dB. The wide mark indicates the 0dB/unity setting when using unbalanced input cables. The 0dB mark indicates unity gain when using balanced input cables.



10. 48V On Switch & LED

This switch enables +48 Volts to both XLR inputs for powering microphones that require phantom power. The red LED indicates that phantom power is on.

11. S/PDIF Mode

Coaxial or Optical. This button selects between coaxial cable or optical interfaces for the S/PDIF digital interface.

12. Headphone Level Control

This knob controls the volume of the Headphone output.