



SL Series



SL 824 USB



SL 1224 USB

SL Series mixers are studio/live mixing consoles with built-in full duplex USB interfacing.

Designed to cater for a wide range of mid format mixing duties, the SL Series includes many features suited to both live sound and home studio applications.

A high quality class-compliant 2-input 2-output 16-bit/48kHz USB interface features on all models, with larger models featuring a flexible record bus and dedicated return channel that is great for live and home recording.

Studio grade microphone preamps are used throughout the range and have balanced XLR inputs, with all channels also offering balanced/unbalanced TRS line level connectivity. In addition all of the mono channels on larger models have a TRS insert point.

An ultra musical 3-band EQ is available on all channels, with an additional high pass filter on the mono channels. The SL 824 USB and SL 1224 USB feature a built in FX processor with 16 presets, giving you unlimited creative potential. The on-board FX is supplemented by a dedicated FX send and 2 auxiliaries.



SL 424 USB



Features

- Full duplex 2in/2out 16-bit 48kHz USB interface
- Dedicated USB recording bus (824 & 1224 only)
- Switchable line/USB return channel (824 & 1224 only)
- Studio grade phantom powered microphone pre-amps
- Ultra musical 3 band EQ with high pass filters
- Built-in digital FX with dedicated send (824 & 1224 only)
- 2 auxiliary sends (1 send on SL 424 USB)
- Dedicated stereo return with level control
- Pan and Balance controls
- PFL for all channels
- Control room and headphone outputs
- Master outputs with XLR and TRS connectors



Specification

| Model | SL 424 USB | SL 824 USB | SL 1224 USB |
|---------------------------------|--|---|---|
| Maximum Balanced Output | Main XLR Balanced Out +26.5dBu ±1dBu | Main XLR Balanced Out +26.5dBu ±1dBu | Main XLR Balanced Out +26.5dBu ±1dBu |
| Level (1%TH.D. at 1KHz) | Main ¼" Jack Balanced Out +26.5dBu ±1dBu | Main ¼" Jack Balanced Out +26.5dBu ±1dBu | Main ¼" Jack Balanced Out +26.5dBu ±1dBu |
| Maximum Unbalanced | Main XLR Unbalanced Out +21dBu ±1dBu | Main XLR Unbalanced Out +21dBu ±1dBu | Main XLR Unbalanced Out +21dBu ±1dBu |
| Output Level (1%TH.D. at 1KHz) | Main ¼" Jack Unbalanced Out +21dBu ±1dBu | Main ¼" Jack Unbalanced Out +21dBu ±1dBu | Main ¼" Jack Unbalanced Out +21dBu ±1dBu |
| THD+N | Headphone Output 150mw ±5mw @ 32ohms | Headphone Output 150mw ±5mw @ 32Ω | Headphone Output 150mw ±5mw @ 32ohms |
| Frequency Response | <0.025% @ +14dBu ±0.5dBu | <0.025% @ +14dBu ±0.5dBu | <0.025% @ +14dBu ±0.5dBu |
| Hum and Noise 20Hz-20KHz (150R) | 20Hz~20kHz ±2dB | 20Hz~20kHz ±2dB | 20Hz~20kHz ±2dB |
| S/N | -127dBu ±5dBu Mic Pre Equivalent Input Noise | -127dBu ±5dBu Mic Pre Equivalent Input Noise | -127dBu ±5dBu Mic Pre Equivalent Input Noise |
| FFT | -85dBu ±5dBu Residual Noise | -85dBu ±5dBu Residual Noise | -85dBu ±5dBu Residual Noise |
| CMRR | 89dB ±5dB @ Fader Max | 89dB ±5dB @ Fader Max | 89dB ±5dB @ Fader Max |
| Maximum Input Level | -62dBv ±5dBv @ Gain Fader Max | -62dBv ±5dBv @ Gain Fader Max | -62dBv ±5dBv @ Gain Fader Max |
| Impedances | 58dB ±5dB @ 1KHz | 62dB ±5dB @ 1KHz | 62dB ±5dB @ 1KHz |
| Mono Input Channel Gain | Mic +4dBu ±1dBu | Mic +4dBu ±1dBu | Mic +4dBu ±1dBu |
| Input Channel EQ | Channel Line +25dBu ±1dBu | Channel Line +21dBu ±1dBu | Channel Line +21dBu ±1dBu |
| Effects | Stereo Line +21dBu ±1dBu | Stereo Line +21dBu ±1dBu | Stereo Line +21dBu ±1dBu |
| Level Meter | AUX Return In +21dBu ±1dBu | AUX Return In +21dBu ±1dBu | AUX Return In +21dBu ±1dBu |
| AC Power options | Mic Balanced 6KΩ, Unbalanced 3KΩ ±200Ω | Mic Balanced 6KΩ, Unbalanced 3KΩ ±200ohms | Mic Balanced 6KΩ, Unbalanced 3KΩ ±200Ω |
| Dimensions (H x W x D) | Line: Balanced 44KΩ, Unbalanced 22KΩ ±2KΩ | Line: Balanced 44KΩ, Unbalanced 22KΩ ±2KΩ | Line: Balanced 44KΩ, Unbalanced 22KΩ ±2KΩ |
| Weight | AUX Return: Balanced 20KΩ, Unbalanced 10KΩ ±2KΩ | AUX Return: Balanced 20KΩ, Unbalanced 10KΩ ±2KΩ | AUX Return: Balanced 20KΩ, Unbalanced 10KΩ ±2KΩ |
| | All Other Unbalanced Outputs: 100Ω | All Other Unbalanced outputs: 100Ω | All Other Unbalanced Outputs: 100Ω |
| | Balanced Outputs: 50ohms | Balanced Outputs: 50Ω | Balanced Outputs: 50ohms |
| | 50dB Variable MIC (0~ -50dB) Line (-20dB~ +30dB) | 50dB Variable MIC (0~ -50dB) Line (-20dB~ +30dB) | 50dB Variable MIC (0~ -50dB) Line (-20dB~ +30dB) |
| | High (±10dB) ±1.5dB 12kHz Shelving | High (±10dB) ±1.5dB 12kHz Shelving | High (±10dB) ±1.5dB 12kHz Shelving |
| | Mid (±10dB) ±1.5dB 1kHz Shelving | Mid (±10dB) ±1.5dB 1kHz Shelving | Mid (±10dB) ±1.5dB 1kHz Shelving |
| | Low (±10dB) ±1.5dB 80Hz Shelving | Low (±10dB) ±1.5dB 80Hz Shelving | Low (±10dB) ±1.5dB 80Hz Shelving |
| | - | 16x Effects: (1)Hall1 (2)Hall2 (3)Room1 (4)Room2 (5)Room3 (6)Platereverb1 (7)Platereverb2 (8)Platereverb3 (9)Chorus (10)Flange (11)Delay1 (12)Delay2 (13)Chorus/Room1 (14)Chorus/Room2 (15)Bypass (16)Rotaryspeaker | 16x Effects: (1)Hall1 (2)Hall2 (3)Room1 (4)Room2 (5)Room3 (6)Platereverb1 (7)Platereverb2 (8)Platereverb3 (9)Chorus (10)Flange (11)Delay1 (12)Delay2 (13)Chorus/Room1 (14)Chorus/Room2 (15)Bypass (16)Rotaryspeaker |
| | 4 Segment LED x2 (Output of +4dBu = 0dBu) Main L/R | 12 Segment LED x2 (Output of +4dBu = 0dBu) Main L/R | 12 Segment LED x2 (Output of +4dBu = 0dBu) Main L/R |
| | AC100V-240V~ 50/60Hz | AC100V-240V~ 50/60Hz | AC100V-240V~ 50/60Hz |
| | 76mm x 248mm x 262mm / 3" x 9.8" x 10.3" | 80mm x 400mm x 369mm / 3.15" x 15.7" x 14.5" | 80mm x 400mm x 475mm / 3.15" x 15.7" x 18.7" |
| | 2.7kg / 5.95lbs | 5.2kg / 11.46lbs | 6.85kg / 15.10lbs |