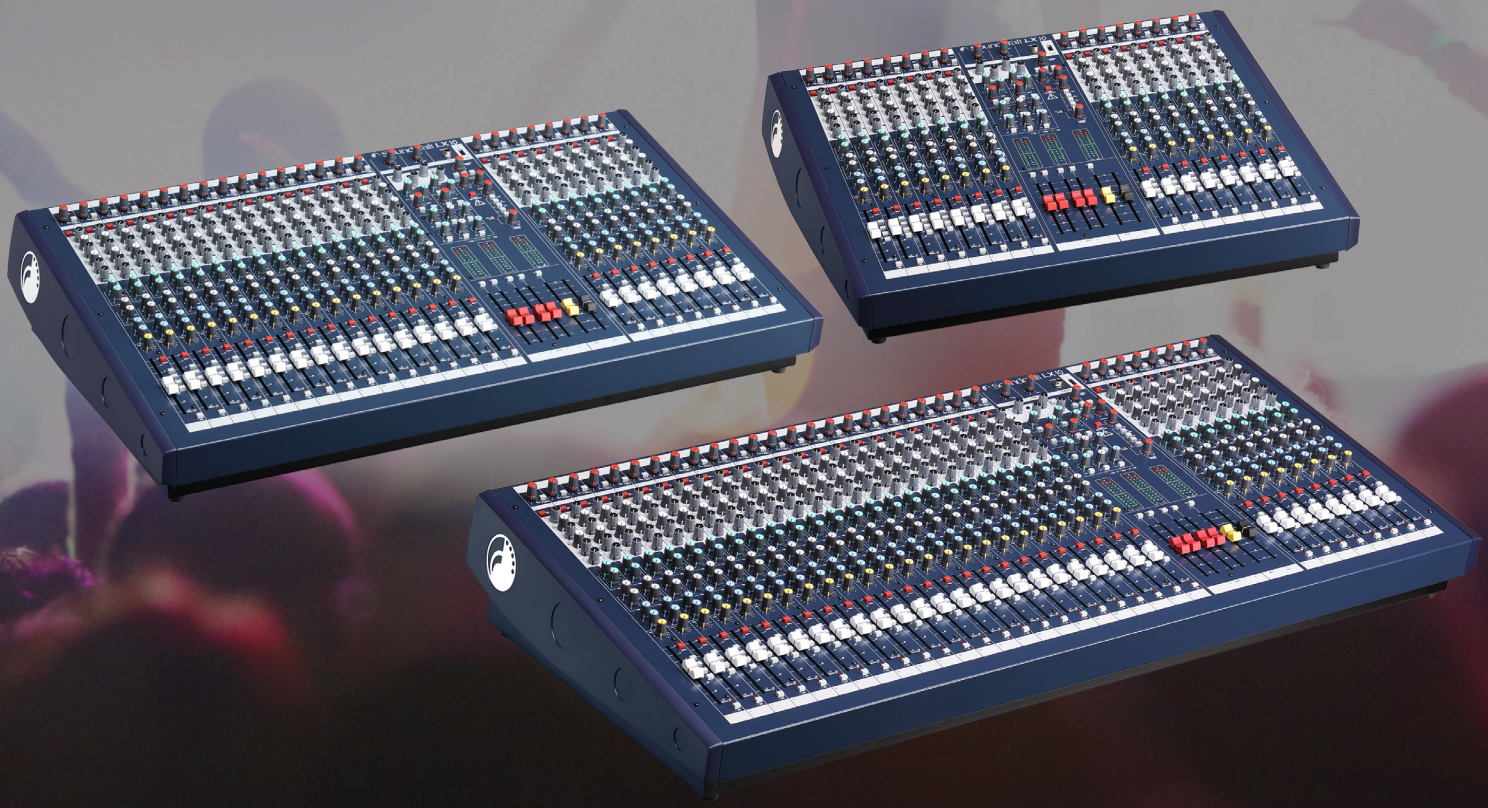
Soundcraft by HARMAN

Reinterpretation of British Classics

LX10

Multi-Channel Analog Mixing Console

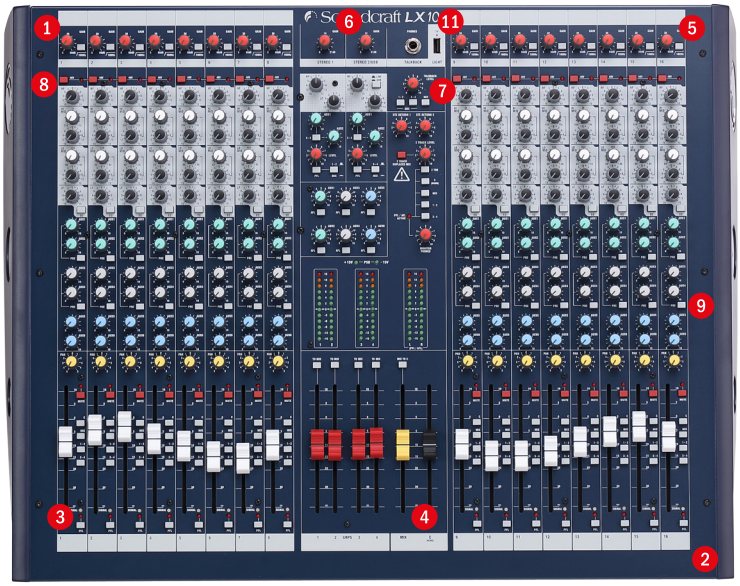


HARMAN AKG AMX BSS crown dbx JBL PROFESSIONAL lexicon Martin Soundcraft STUDER

SOUNDCRAFT LX10

Multi-Channel Analog Mixing Console

Applications: **Gigging Bands** **Studio Recording** **Small Installations** **Small Venues**





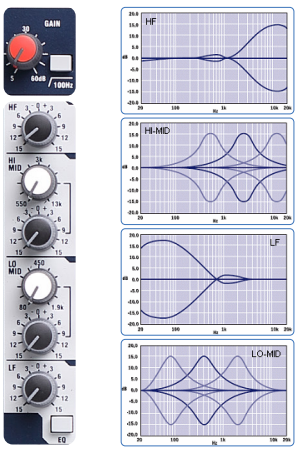
1. Light weight and compact frame designed for one person to carry
2. Three model options: 16, 24 and 32 input channels
3. Individual LED lighting for each input channel illuminates when signal is present and changes color along with the signal level
4. No less than 13 separate bus outputs including mix, four groups, one mono bus and six auxiliary busses
5. GB30 mic preamp provides 60 dB of gain and 22 dBu of headroom
6. Two Stereo Inputs (Stereo 2 supports USB audio input) and two Stereo Returns
7. Talkback signal is routable to Aux 1/2, Aux 3/4 or Mix
8. Separate phantom power (+48V) control for each mono input allows connection of professional grade condenser microphone
9. Six Aux Sends, four is switchable to pre or post fader
10. USB Audio port supports connection of digital audio device for media playback and recording
11. USB power socket (5V) can be connected to USB-chargeable peripherals

Higher Precision for Greater Performance

Soundcraft LX10 inherits the highly-acclaimed 4-band EQ and GB30 mic preamp from the industry legend MH3 and MH4 Series to realize audio reproduction of high precision and sonic performance of great quality.

For the 4-band EQ section, high /low pass filters process audio signals with a steeper slope and effectively reduce mushy sound and improve clarity of the mid frequencies.

GB30 mic preamp is designed based on the concept of Local Linearization for better linear phase property and wider frequency response and dynamic range.



SPECIFICATIONS

Noise

Measured RMS, 22Hz to 22kHz Bandwidth	
Mic E.I.N @ unity gain, 150W source impedance	-129dBu
Mix Output, 24 inputs routed to mix, faders at unity, muted	<-80dBu
Mix Output, 24 inputs routed to mix, faders down	<-100dBu

Crosstalk (@1kHz, typical)

Fader attenuation	>95dB
Aux attenuation	>80dB
Pan isolation	>75dB
Adjacent channel crosstalk	>-80dB
Channel Mute	>90dB
Fader cut-off (rel. 0 mark)	>90dB
Aux Send pots offness	>80dB

Frequency Response

Mic/Line Input to any output, 20Hz-20kHz	<1dB

THD + N

Mic sens. -30dBu, +20dBu at all outputs @ 1kHz	<0.006%

CMRR

Typical @ max gain @ 1kHz	>80dB
Typical @ any gain @ 50Hz	>60dB

Input & Output Impedance

Mic Input	1.8kΩ
Line Input	10kΩ
Stereo Input	8.6kΩ
2TK Return	12kΩ
Mix, Aux and Insert Sends	75Ω

Input & Output Levels

Mic Input max. level	+22dBu
Line Input max. level	+22dBu
Stereo Input max. level	+22dBu
2TK Return	>30dBu
Headphones (@ 200Ω)	150mW

USB 2.0 (Standard B)

Inputs / Outputs	2-in, 2-out
Bit Depth	16-bit, 24-bit
Sampling rate	44.1kHz / 48kHz / 88.2kHz / 96kHz / 176.4kHz / 192kHz

Power Consumption

AC mains supply (internal PSU)	90V-240VAC, 50/60Hz universal input