XENYX X2442USB / X2222USB
X1832USB / X1622USB
X1222USB / X1204USB / 1204USB

XENYX—Premium Mixer with XENYX Mic Preamps & Compressors, British EQs, 24-Bit Multi-FX Processor and USB/Audio Interface

- Premium ultra-low noise, high headroom analog mixer

- State-of-the-art XENYX Mic Preamps comparable to stand-alone boutique preamps

- Studio-grade compressors with super-easy "one-knob" functionality on all mono channels

- Neo-classic "British" 3-band EQs for warm and musical sound

- New studio-grade FX processor with 16 editable presets including reverb, chorus, flanger, delay, pitch shifter, multi-effects, Tap function and storable user parameter settings (not available on 1204USB)

- Built-in stereo USB/Audio Interface to connect directly to your computer. Free audio recording, editing and podcasting software plus 150 instrument/effect plug-ins and ultra-low latency driver included

- Stereo graphic EQ allows precise frequency correction of monitor or main mixes with revolutionary FBQ Feedback Detection System (X1222USB and X1832USB only)

- Breathtaking XPQ 3D stereo surround effect for more vitality and enhanced stereo image and Voice Canceller function for easy-to-use sing-along applications (X1222USB and X1832USB only)

You've got the talent. You're brimming with creativity. And you're ready to get your message out to the masses. But is "old-school" technology standing in the way of your success? Can't afford professional recording time?

XENYX USB Series mixers are designed to handle your live gigs, and they provide the state-of-the-art tools you need to make stunning, professional-quality recordings.

Along with their built-in USB/audio interfaces, XENYX USB mixers come with all the recording and editing software you'll need to turn your computer system into a complete, high-performance home recording studio.

Sonically Superior Mic Preamps

All XENYX mixers have one thing in common—great-sounding, high headroom XENYX mic preamps. These state-of-the-art mic pres represent a major step in the evolution of audio technology—and they can easily hold their own, even when compared to the most expensive stand-alone mic preamps. XENYX preamps offer a staggering 130 dB of dynamic range, with a bandwidth that extends from below 10 Hz to well above 200 kHz. Armed with these outstanding mic preamps, XENYX mixers provide such transparent, crystal-clear performance you just might think someone upgraded your mics while you weren't looking.
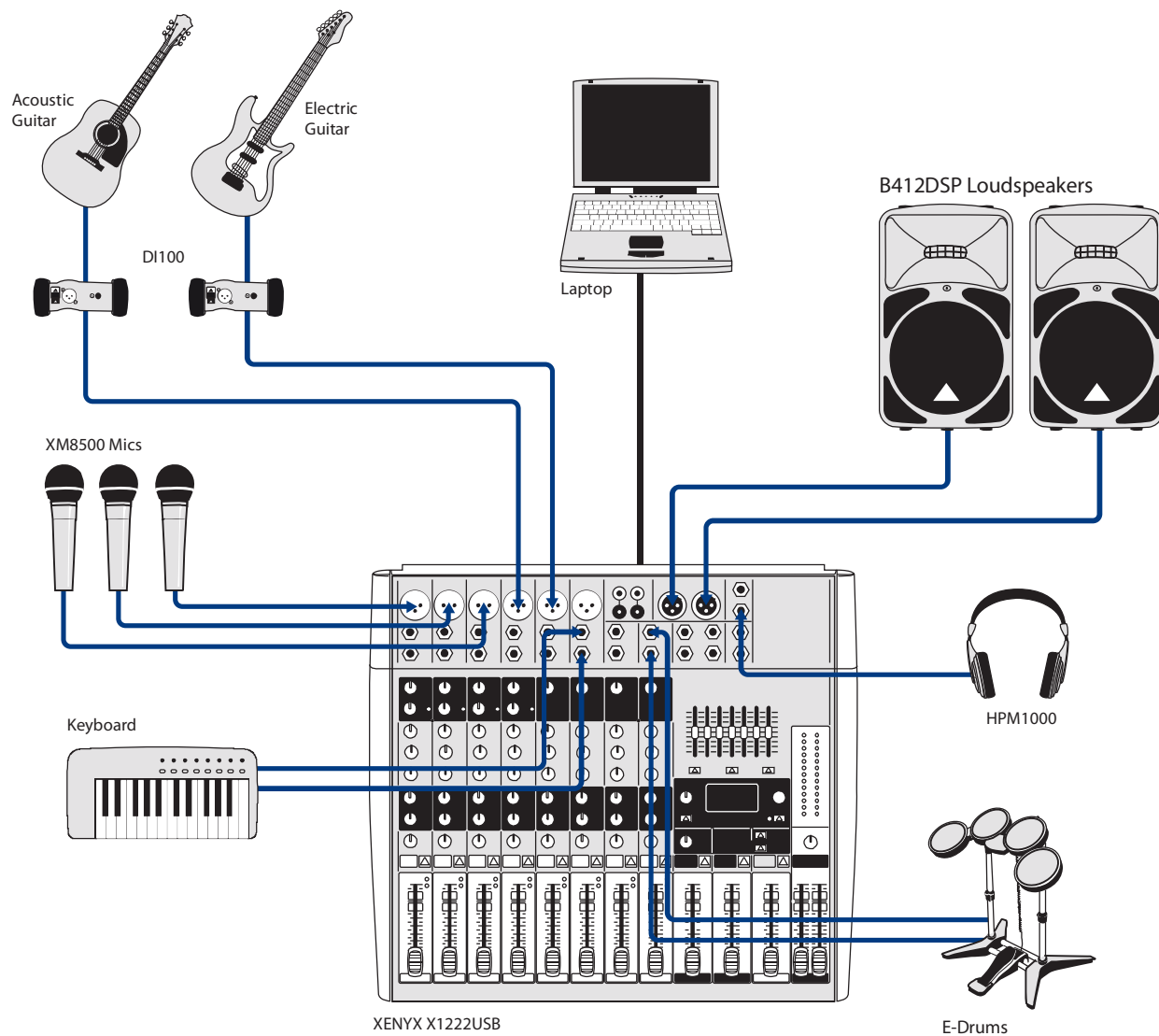
Sublimely Musical British EQ

The British consoles of the 1960s and '70s changed the sound of rock and roll—without them the British Invasion might not have happened. Those legendary mixing desks soon became the envy of engineers and producers all over the world. The channel EQ on our XENYX mixers is based on that very same circuitry, allowing you to imbue signals with incredible warmth and detailed musical character. Even when applied generously, these equalizers exhibit sweet forgiveness and superb audio quality.

**XENYX X2442USB
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XENYX X1222USB Live/Recording Setup

Acoustic
Guitar

Electric
Guitar

DI100

Laptop

B412DSP Loudspeakers

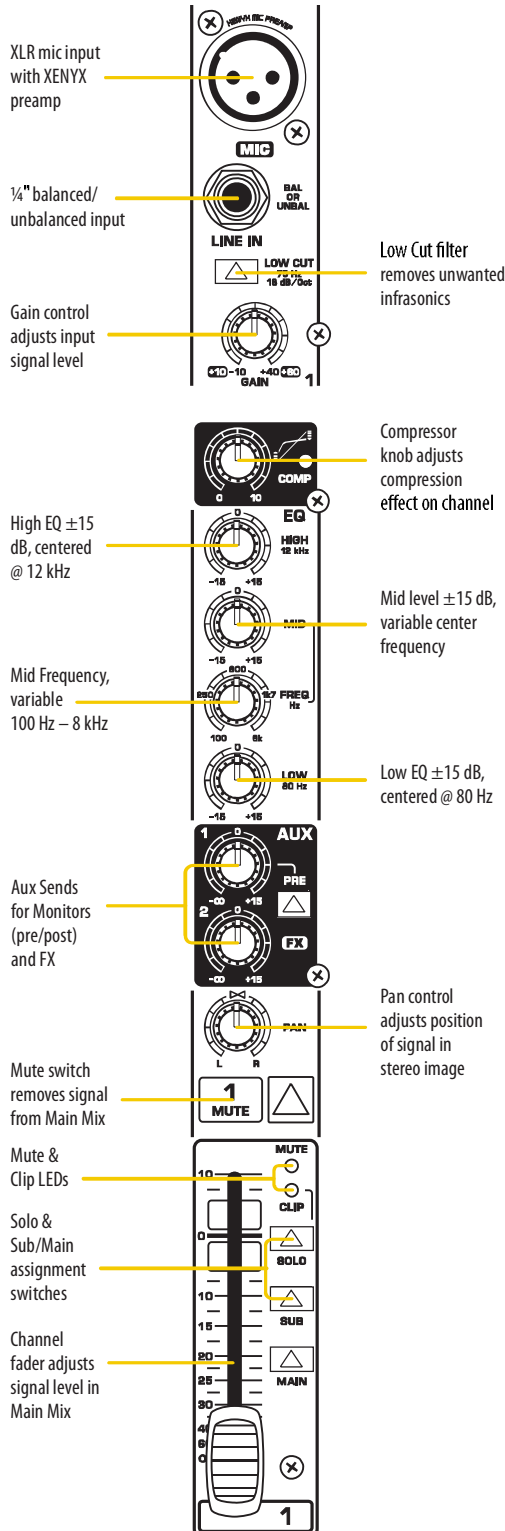XM8500 Mics

Keyboard

HPM1000

XENYX X1222USB

E-Drums

XENYX X2442USB X2222USB / X1832USB X1622USB / X1222USB X1204USB / 1204USB

X1622USB

The X1622USB features four XENYX-fueled mic inputs with channel Inserts, "one knob" compressors and 3-band British-style EQs with a sweepable, semi-parametric mid frequency band. The four stereo line-level channels offer enhanced fine-tuning via 4-band EQ, which is extremely handy for adjusting critical keyboard midrange frequencies. Aux 1 Sends are switchable (pre- or post-fader) and individual channels can be assigned to two subgroups for mixing flexibility.

XLR mic input with XENYX preamp

¼" balanced/ unbalanced input

Low Cut filter removes unwanted infrasonics

Gain control adjusts input signal level

Compressor knob adjusts compression effect on channel

High EQ ±15 dB, centered @ 12 kHz

Mid level ±15 dB, variable center frequency

Mid Frequency, variable 100 Hz – 8 kHz

Low EQ ±15 dB, centered @ 80 Hz

Aux Sends for Monitors (pre/post) and FX

Pan control adjusts position of signal in stereo image

Mute switch removes signal from Main Mix

Mute & Clip LEDs

Solo & Sub/Main assignment switches

Channel fader adjusts signal level in Main Mix

X1622USB Front Panel

Onboard FX processor, 16 presets, two parameter controls

Aux Sends 1 & 2 with Solo switches

Phones/CTRL Room source mixing matrix

Sub 1-2 Left/Right assignment switches

Sub 1-2 faders
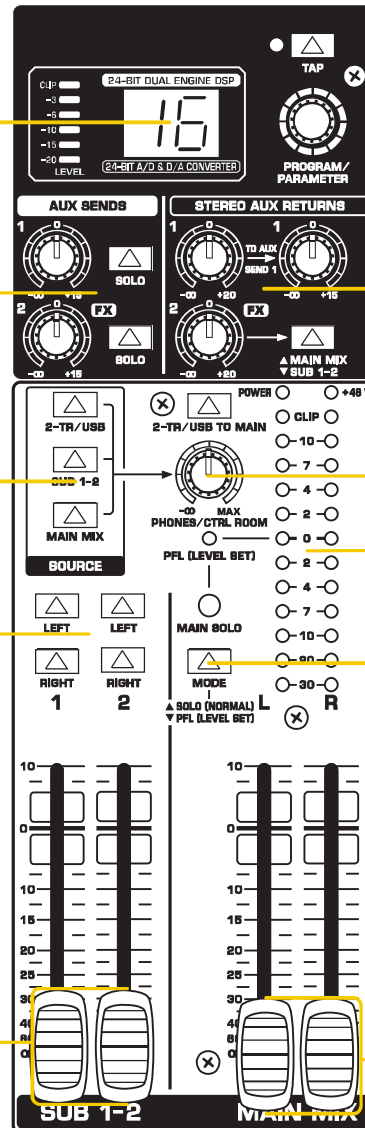
Stereo Aux Returns 1 & 2 with additional routing options

Phones/CTRL Room level control

12-tier VU meter with +48 V and Power LEDs

VU meter mode switch

Main Mix faders

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Specifications

Mono Inputs

Microphone inputs (XENYX Mic preamp)

Type	XLR connector, electronically balanced, discrete input circuit

Mic E.I.N.1 (20 Hz - 20 kHz)

@ 0 Ω source resistance	-134 dB 135.7 dB A-weighted
@ 50 Ω source resistance	-131 dB 133.3 dB A-weighted
@ 150 Ω source resistance	-129 dB 130.5 dB A-weighted
Frequency response (-1 dB)	<10 Hz - 150 kHz (-1 dB)
Frequency response (-3 dB)	<10 Hz - 200 kHz (-3 dB)
Gain range	+10 dB to +60 dB
Max. input level	+12 dBu @ +10 dB GAIN
Impedance	2.6 k Ohms balanced
Signal-to-noise ratio	110 dB A-weighted (0 dBu In @ +22 dB GAIN)
Distortion (THD+N)	0.005% / 0.004% A-weighted
Phantom Power	Switchable, +48 V

Line Input

Type	¼" TRS jack, electronically balanced
Impedance	20 k Ohms balanced, 10 k Ohms unbalanced
Gain range	-10 dB to +40 dB
Max. input level	30 dBu

Frequency Response (Mic In – Main Out)

<10 Hz - 90 kHz	+0 dB / -1 dB
<10 Hz - 160 kHz	+0 dB / -3 dB

Stereo Inputs

Type	¼" TRS jack, balanced
Impedance	20 k Ohms balanced, 10 k Ohms unbalanced
Gain range	-20 dB to +20 dB
Max. input level	+22 dBu

CD/Tape In

Type	RCA connector
Impedance	10 k Ohms
Max. input level	+22 dBu

Equalizer 3-band

LOW	80 Hz / ± 15 dB
MID	2.5 kHz / ± 15 dB
HIGH	12 kHz / ± 15 dB

Equalizer 3-band Semi-Parametric

LOW	80 Hz / ± 15 dB
FREQ	Variable 100 Hz - 8 kHz
MID	/ ± 15 dB
HIGH	12 kHz / ± 15 dB

Equalizer 4-band Fixed

LOW	80 Hz / ± 15 dB
LOW MID	500 Hz / ± 15 dB
HIGH MID	3 kHz / ± 15 dB
HIGH	12 kHz / ± 15 dB

AUX Sends

Type	¼" mono jack, unbalanced
Impedance	120 Ohms
Max. output level	+22 dBu

AUX Returns

Type	¼" TRS connector, balanced
Impedance	20 k Ohms balanced, 10 k Ohms unbalanced
Max. input level	+22 dBu

Main Outputs

Type	XLR, electronically balanced
Impedance	240 Ohms balanced, 120 Ohms balanced
Max. output level	+28 dBu

Control Room Output

Type	¼" TS connector, unbalanced
Impedance	120 Ohms
Max. output level	+22 dBu

Phones Output

Type	¼" TRS jack, unbalanced
Max. output level	+19 dBu / 150 Ohms (+25 dBm)

CD/Tape Out

Type	RCA connector
Impedance	1 k Ohms
Max. output level	+22 dBu

DSP

Converter	24-bit Texas Instruments 24-bit Sigma-Delta 64/128-times oversampling
Sampling Rate	40 kHz

Main Mix System Data (Noise)

Main mix @ -∞, @ -∞ A weighted	-105 dB / -108 dB channel fader
Main mix @ 0 dB, @ -∞ A weighted	-95 dB / -97 dB channel fader
Main mix @ 0 dB, @ 0 dB A weighted	-82.5 dB / -85 dB channel fader

Power Supply

Mains voltage	100 - 230 V~, 50/60 Hz
Mains connector	Standard IEC receptacle

USB

Connecter	Type B
Converter	16-bit
Sample Rate	48 kHz

Please note these specifications are preliminary and conceptual in nature, and as such are subject to change as product development progresses. This information is supplied for market research purposes only and is not to be made public in any manner. This document is solely the property of The MUSIC Group, or one of its subsidiaries, and must be surrendered upon request of the owner.

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