

ULTRAGAIN DIGITAL ADA8200



Audiophile 8 In/8 Out ADAT Audio Interface with MIDAS Mic Preamplifiers

- Ultra-high quality 8-channel A/D and D/A interface for virtually any digital recording/mixing environment
- 8 state-of-the-art MIDAS designed Mic Preamplifiers
- Phantom power on all microphone inputs
- Reference-class Cirrus Logic 24-bit converters for ultimate signal integrity
- Processes 48 and 44.1 kHz sample rates
- External sample rate synchronization via word clock or ADAT input
- Optical ADAT in/out interface for ultimate compatibility
- All mic/line inputs routed to the ADAT output
- ADAT input routed to all Line outputs
- "Planet Earth" switching power supply for maximum flexibility (100 - 240 V~), noise-free audio, superior transient response plus low power consumption for energy saving
- High-quality components and exceptionally rugged construction ensure long life
- Conceived and designed by BEHRINGER Germany

Need to convert a digital multi-track signal to analog, or vice versa? The new BEHRINGER ULTRAGAIN DIGITAL ADA8200 is sublimely easy to operate, fits neatly into a single rack space, and thanks to its MIDAS-designed Mic Preamps and integrated A/D and D/A converters you'll get optimal signal conversion—without the slightest hint of distortion or signal deterioration! The ULTRAGAIN ADA8200 is the professional's edge.

What's New?

The ADA8200 builds on the proud legacy of our ADA8000, which is one of our all-time, best-selling products. Now, you're probably thinking, "If they sell so many ADA8000s, then why are they changing them?" The short answer – we improved it, by upgrading to reference-class Cirrus Logic converters and MIDAS-designed Mic Preamps,

making the ADA8200 the natural choice for musicians and audio engineers alike.

The Technical Stuff

Signal conversion in the ADA8200 takes place at either 44.1 or 48 kHz with 24-bit resolution. The ADAT inputs and outputs can be operated independently, as long as there is an identical wordclock signal. Frequency range is an ultra-wide 10 Hz - 24 kHz at a 48 kHz sampling rate.

The Ins and Outs

Connections are provided for balanced XLR and ¼" TRS, as well as unbalanced ¼" TS inputs. XLR line out connectors located on the rear panel provide either balanced or unbalanced connectivity. Digital I/O is handled via ADAT format TOSLINK optical sockets, which support up to 8 channels of data.

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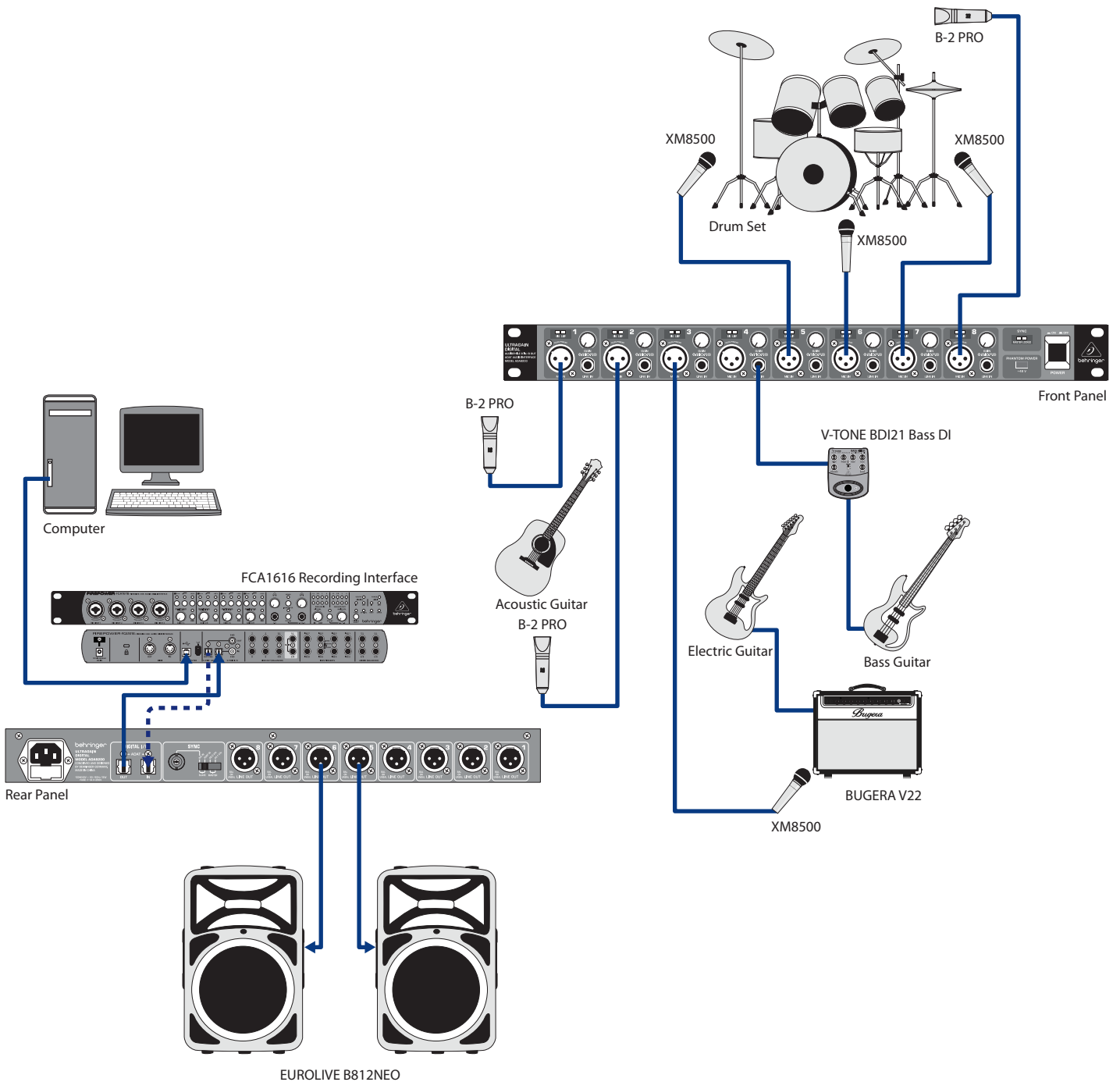


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Value

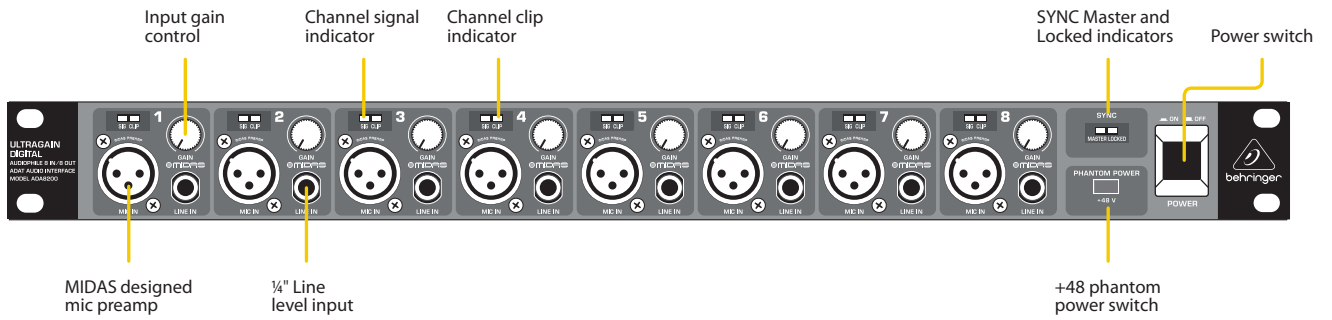
You can trust all your digital ones and zeros to the ADA8200, at an ultra-affordable price that will amaze you. Order online or stop by your authorized BEHRINGER dealer today and expand your digital arsenal.

Studio Recording Setup

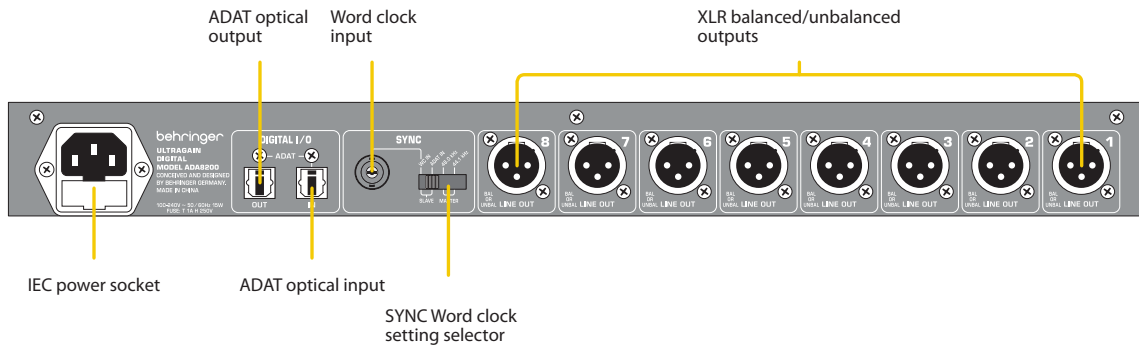


ULTRAGAIN DIGITAL ADA8200

ADA8200 Front Panel



ADA8200 Rear Panel



ULTRAGAIN DIGITAL ADA8200

Specification

Microphone Inputs

Design	MIDAS designed Microphone Preamp
Type	XLR connector, electronically balanced, discrete input circuitry
Gain range	+10 to +60 dB
Max. input level	+6 dBu @ +10 dB gain for 0 dB FS
Impedance	2.7 kΩ balanced
Phantom power	+48 V, switchable

Line Inputs

Type	¼" TRS connector, electronically balanced, discrete input circuitry
Impedance	appr. 20 kΩ balanced, appr. 10 kΩ unbalanced
Gain range	-10 to +40 dB
Max. input level	+26 dBu @ -10 dB gain for 0 dB FS

Line Outputs

Type	XLR connector, electronically balanced
Impedance	appr. 1 kΩ balanced, appr. 500 Ω unbalanced
Max. output level	+16 dBu @ 0 dB FS

Digital Input

Type	TOSLINK, optical connector
Format	ADAT, 8 channels, 24-bit @ 44.1 / 48 kHz

Digital Output

Type	TOSLINK, optical connector
Format	ADAT, 8 channels, 24-bit @ 44.1 / 48 kHz

Synchronization

Source	internal 44.1 / 48 kHz, ADAT input, word clock input
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Word Clock Input

Type	BNC connector
Input level	2 to 6 V peak-to-peak
Frequency range	44.1 to 48 kHz

System Specification

Frequency range	10 Hz to 24 kHz @ 48 kHz sample rate
THD	< 0.008%
Crosstalk	< -87 dB

Power

Power supply	100 ~ 240 V AC
Power consumption	15 W
Fuse	T 1A 250 V
Mains connection	Standard IEC receptacle

Dimensions

Dimensions (H x W x D)	Appr. 1 ¾ x 19 x 8 ½" Appr. 44.5 x 482.6 x 217 mm
Weight	Appr. 4.6 lbs / 2.1 kg

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