

PRO MIXER DX2000USB

Professional 7-Channel DJ Mixer with infinium "Contact-Free" VCA Crossfader and USB/Audio Interface

- Professional, 7-channel, ultra-low noise DJ mixer with state-of-the-art phono preamps
- 45-mm infinium "contact-free" optical crossfader with adjustable friction for years of use
- 5 dual stereo inputs plus 2 mono mic/line channels with ULN mic preamps, Phantom Power, Gain control and Clip LED
- Built-in USB interface for recording and playback of any digital music file. Works with your PC or Mac computer— no setup or drivers required
- Massive software bundle including Audacity vinyl restoration and recording, Podifier and Golden Ear podcasting software downloadable at behringer.com
- Ultra-musical 3-band kill EQ (-32 dB) with EQ on/off switch on all stereo channels
- Long-wearing 100-mm faders and sealed rotary controls on all input channels
- Headphone output with Level and Balance (PFL/Main) controls, switchable split mode and level display
- Auto-talkover function with separate Sensitivity, Time and Damping controls
- Main Dim, main Boost, Punch and Cut functions for awesome mix options



These days a DJ gig can command a lot more than a mic and a couple of turntables. You may need to accommodate a multimedia presentation, a variety of audio platforms (vinyl, CDs, mp3) and multiple mics—all at the same event! That's why BEHRINGER is proud to present the 7-channel, rack-mountable DX2000USB with its built-in USB/audio interface and contact-free optical crossfader—an invaluable tool for the DJ-of-all-trades.

The inclusion of the X1 optical crossfader in the DX2000USB represents tremendous added value. The "feel" of this crossfader can be custom-tailored to accommodate your individual mixing style, and the contact-free technology means silky-smooth performance for many years to come. We offer the X1 as a premium upgrade for our DDM4000 digital DJ mixers at \$74.99 USD, but it comes standard with the DX2000USB at no additional cost. Please visit our website to find out more about the X1 optical fader.

Live Large With More Mediums!

If it can be clicked, spun or spoken, the new DX2000USB can mix it! You get 5 dual stereo inputs plus 2 mono mic/line channels with ultra low-noise mic preamps, Phantom Power, Gain control and Clip LED. The DX2000USB also has enough built-in phono preamps to handle up to three turntables. Finally, the built-in USB/audio interface gives you the power to add your computer's digital music library to the mix. Hey, we even include the rack-ears, so you're ready-to-go right out of the box!

Old-school feel, new-school performance

The DX2000USB is packed with cutting-edge versatility, but we didn't lose sight of the basic features that make a DJ mixer a lasting part of your rig. This new breed of DJ mixer features super-smooth, long-wearing 100 mm faders and the infinium optical contact-free crossfader for

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- Subbass Out for separate subwoofer, additional Zone output for second room/area
- “Planet Earth” switching power supply for maximum flexibility (100 - 240 V~), noise-free audio, superior transient response plus low power consumption for energy saving
- Rack mount brackets included for ultimate flexibility
- High-quality components and exceptionally rugged construction ensure long life
- Conceived and designed by BEHRINGER Germany

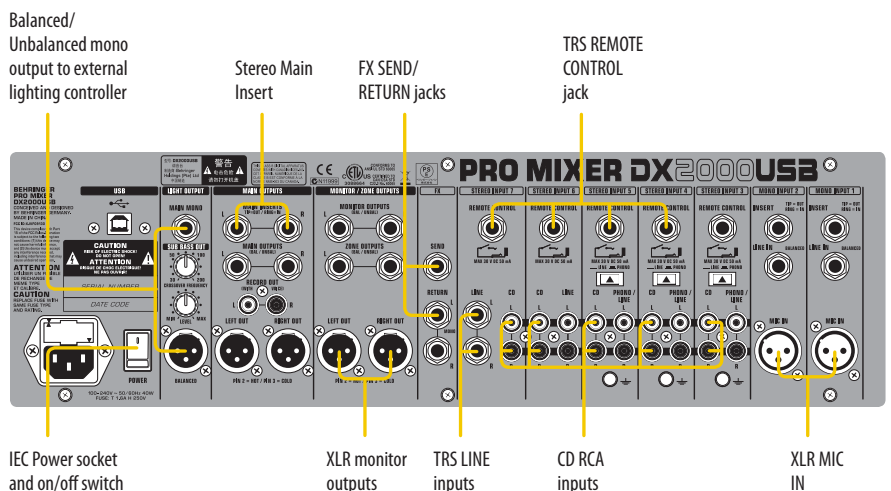
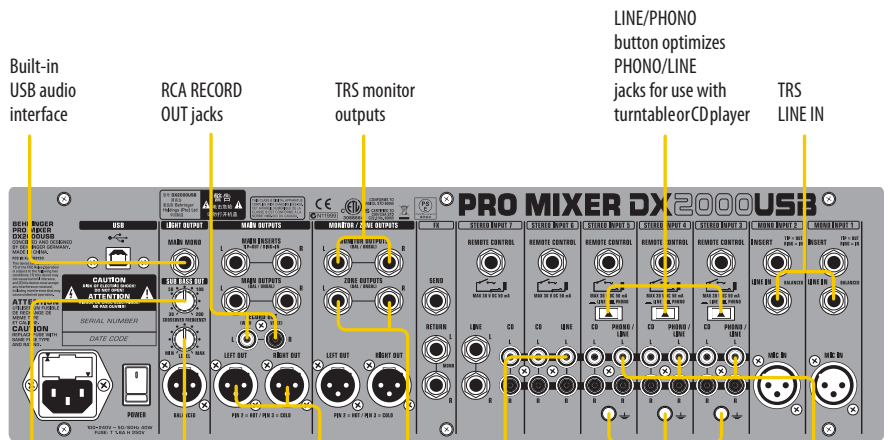
utmost reliability and smooth audio performance. It is important to note that since this premium crossfader is contact-free, there is none of the typically “wear and tear” that plagues mechanical faders, so your crossfades are always flawless—and will be for years to come.

The DX2000USB comes armed with a switchable 3-band kill EQ and Gain control per stereo channel. Mono channels feature an additional Low Cut switch and an FX switch that routes the channel to the FX SEND and RETURN loop, so you can add a touch of outboard effects. These channels feature balanced XLR mic inputs, as well as 1/4" line jacks, a Channel On button and a

PFL switch for headphone monitoring. The handy Talkover button allows you to make announcements without killing the music via three adjustable parameters, Sensitivity (speech level threshold), Time (speed at which the music level returns to normal) and Damping (depth the music is attenuated by the mic signal).

For the DJ in need of mammoth bass, the DX2000USB features an XLR subwoofer output (perfect for connecting to an active subwoofer) with adjustable (30 - 200Hz) Crossover Frequency dial and Level control. Directly above, the DX2000USB provides a 1/4" main mono output for syncing your music's strongest pulses with a

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lighting system, provided your lighting system has "sound-to-light" capability (e.g. BEHRINGER LC2412 Lighting Console). The Main Output section offers balanced 1/4" TRS and XLR stereo outputs, as well as 1/4" TRS Main Insert jacks for connecting to outboard EQ and dynamics processors, such as limiters and compressors. This section also features RCA outputs for recording your set. The Monitor/Zone Output section

gives you separate stereo 1/4" and XLR monitor outputs, as well as 1/4" stereo zone outputs, each with their own dedicated level controls. This feature gives the DX2000USB incredible zone mixing versatility, allowing you to send output signals to a variety of destinations, such as the lobby, restaurant or waiting areas, all the while maintaining total control.

Transforming with Punch and Cut

Transforming is a DJ term used to describe the chopping up of sound to create some rather dramatic effects. Traditionally this is done by rapidly moving a crossfader to give a stuttering or "gated" effect, either between two

music sources, or one source and silence. Another DJ trick is to use the channel faders, or channel on buttons, to chop one music track over another. These methods are still valid, but if you're looking for instant gratification, check out our ergonomic alternative—a pair of big assignable non-latching PUNCH/CUT buttons. We're sure you will grow to love their speed and ease of operation.

The Punch and Cut modes are available via the TRANSFORM MODE button, with a pair of LEDs that let you know which function is active. The X and Y Punch/Cut buttons are conveniently located right next to the crossfader with which they are designed to work.

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Gain
INPUT button selects channel's audio source
FX button routes channel to FX SEND and RETURN loop
EQ ON
CD/PHONO input selector
DAMPING adjusts music level reduction when talkover is engaged
TIME knob adjusts how quickly the music volume recovers after talkover has been engaged
SENSITIVITY knob adjusts how loud mic signal must be to engage talkover
LEVEL METER displays left and right MAIN signal, PFL signal level
LIGHT LEVEL adjusts output level of mono LIGHT OUTPUT

LOW CUT button removes unwanted low frequencies
EQ knobs
PAN knob positions channel in stereo field
TALKOVER button
CHANNEL ON
PFL button sends channel to PFL bus
CROSSFADER button routes signal to crossfader
CHANNEL fader adjusts channel volume
ASSIGN button assigns active channel to X or Y side of crossfader

TRACK START button allows remote control of commercial playback decks via built-in remote jacks
MAIN BOOST raises the main mix by +4 dB
MAIN DIM button reduces the main mix by -20 dB
PUNCH/CUT buttons
infinium optical X/Y CROSSFADER
MAIN faders
MONITOR fader adjusts output of MONITOR OUTPUTS

ZONE LEVEL adjusts output of ZONE OUTPUTS
FX RETURN
MAIN/PFL selects main stereo mix or PFL mix for phones
PHONES LEVEL
BALANCE adjusts blend of PFL and main signals in headphones
TRANSFORM MODE determines whether PUNCH/CUT buttons operate in CUT or PUNCH mode

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CUT mode enables the big buttons to be used as mutes for interesting gating effects, temporarily silencing the X or Y output. In PUNCH mode the X button introduces the X signal to the mix, while the Y button brings in the Y signal. This means you can add in bits and beats from X on top of Y and vice versa, opening up your scope to extremely creative mixing.

MAIN DIM and MAIN BOOST

You can add even more dramatic effects by using the MAIN BOOST and MAIN DIM buttons for a temporary boost (+4 dB) or cut (-20 dB) of the main output volume. For instance, you could use MAIN DIM for audience sing-along bits—or you could use MAIN BOOST to emphasize beats, a special musical passage, etc.

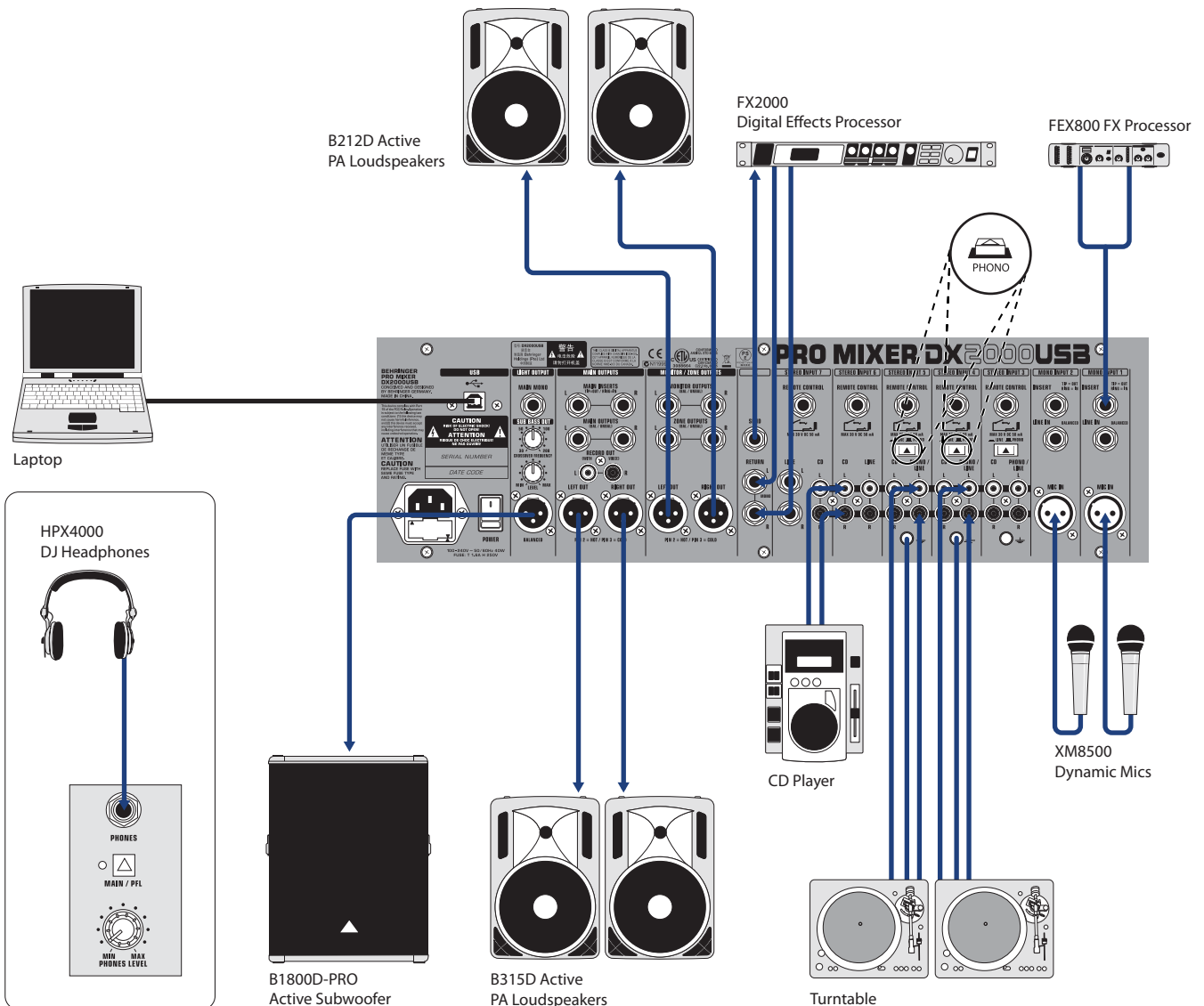
Remote Control

If you use external audio devices, such as CD players, CART machines, etc.,

in the course of your performance, you'll be pleasantly surprised by DX2000USB's remote control feature. Many commercial playback decks offer remote start and stop functionality. If your player supports this feature (please check your device's owner's manual), you can use DX2000USB's TRACK START buttons, conveniently located below the faders on channels 3-7, to control up to three similarly equipped devices. This may seem like a minor detail, but it can become a major hassle when you're trying to produce the perfect show!

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Complete Mobile DJ System



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Super Software

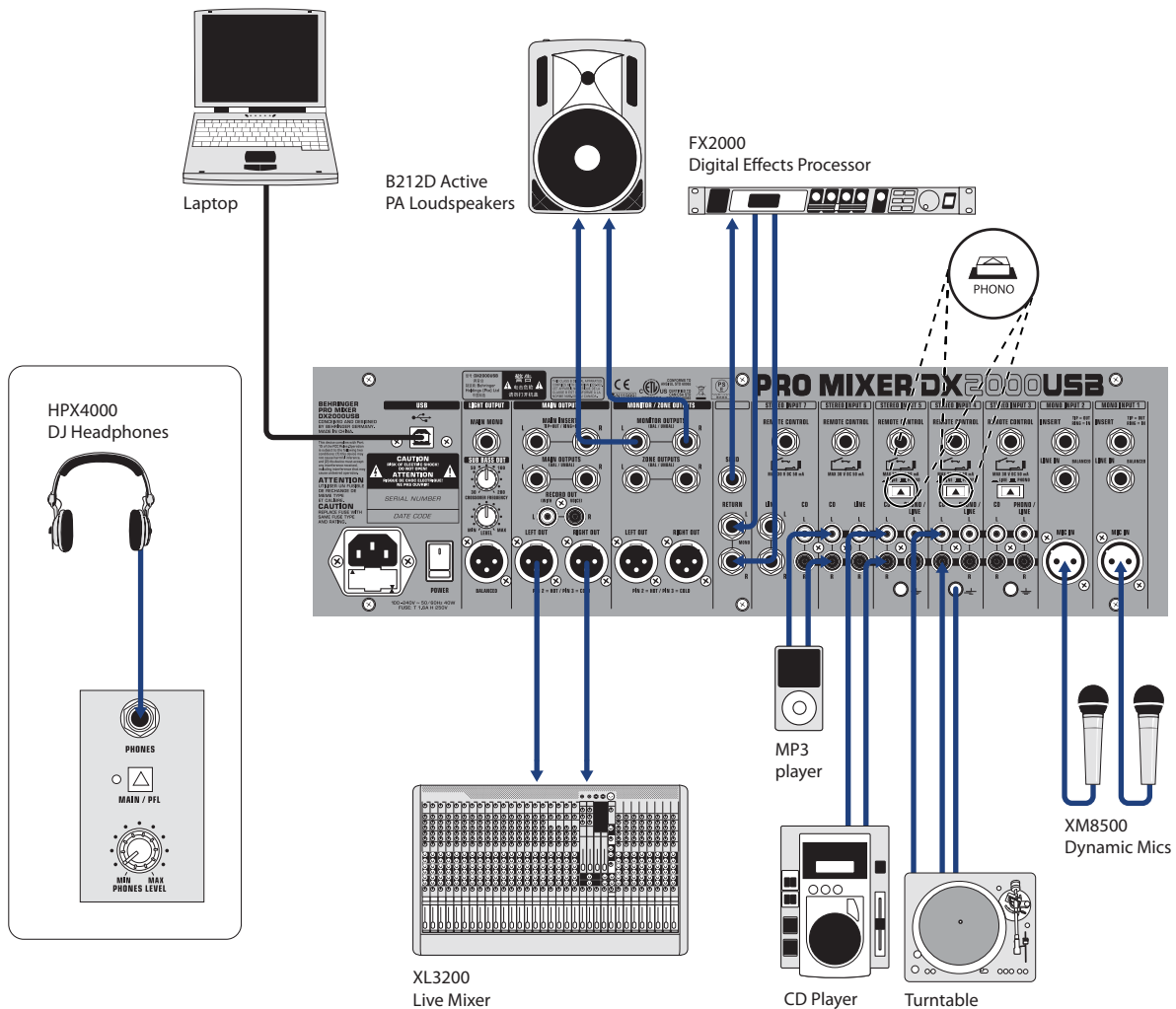
You get incredible multitracking software and more when you hook up with the DX2000USB. This amazing DAW (digital audio workstation) makes it easy to manipulate your audio and MIDI files, turning song ideas into stunning CD or web-ready recordings. There's even a built-in drum machine and internal multi-FX processor. If you want to incorporate sounds from old, damaged vinyl, the included Audacity freeware audio editor with vinyl restoration capability will remove pops and other

noise. You even get Golden Ear and Podifier software so you can instantly share your creations via podcast.

Value

When you add the DX2000USB to your rig, you connect to unrivaled versatility and performance at a price that will leave you with cash to spare. Its superior build quality and rugged components mean this mixer will serve you well for years to come. Drop in at your nearest BEHRINGER dealer and find out why so many DJs are making magic with BEHRINGER.

Simple Setup with Club PA System



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Specifications

Mono Input Channels

Mic input	Electronically balanced, discrete input configuration
Gain	+10 to +60 dB
Frequency response	10 Hz to 80 kHz, +/-3 dB
THD	0.08 % typ. @ -30 dBu, 1 kHz

Line input

Gain	-10 to +40 dB
Frequency response	10 Hz to 80 kHz, +/-3 dB
THD 0.08 % typ.	@ -10 dBu, 1 kHz
S/N ratio	85 dB, unweighted

EQ

Low	+/-12 dB @ 50 Hz
Mid	+/-8 dB @ 750 Hz
High	+/-12 dB @ 10 kHz
Low cut	75 Hz, 18 dB/oct

Stereo Input Channels

Phone/Line/CD input	Unbalanced input
Gain	
Line/CD	+17/-20 dB
Phone	+17/-20 dB

Frequency response

Line/CD	10 Hz to 130 kHz, +/-3 dB
Phone	20 Hz to 20 kHz, RIAA

THD

Line/CD	0.05 % typ @ 0 dBu, 1 kHz
Phone	0.1 % typ @ -40 dB, 1 kHz

S/N ratio

Line/CD	-82 dB, unweighted
Phone	-78 dB, unweighted

Kill EQ

Low	+6/-25 dB @ 50 Hz
Mid	+6/-25 dB @ 1.4 kHz
High	+6/-18 dB @ 15 kHz

Connectors

Master out

Jack	0 dB
XLR	+6 dB

Monitor out

Jack	0 dB (max.10 dB gain)
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Zone out

Jack	0 dB (max.10 dB gain)
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Insert send

Jack	0 dB
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Insert return

Jack	0 dB
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Effect send

Jack	0 dB
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USB

Audio	Stereo In/Out
Connector	Type B
Sample rate	48 kHz

Power Supply

Mains Voltages

USA/Canada	120 V ~, 60 H
UK/Australia	240 V ~, 50 Hz
Europe	230 V ~, 50 Hz
General Export Model	100 - 120 V ~, 200 - 240 V ~, 50 - 60 Hz

Physical

Dimensions (Hx W x D)	6.29 x 13.38 x 17.32" 160 x 340 x 440 mm
Weight	14.77 lbs / 6.7 kg

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For service, support or more information contact the BEHRINGER location nearest you:

Europe MUSIC Group Services EU GmbH
Tel.: +49 2154 9206 4149 / Fax: +49 2154 9206 4199

USA/Canada MUSIC Group Services US Inc.
Tel.: +1 425 672 0816 / Fax: +1 425 673 7647

Singapore MUSIC Group Services SG (Pte.) Ltd
Tel.: +65 6845 1800 / Fax: +65 6214 0275

Australia MUSIC Group Services AU Pty Ltd
Tel.: +61 03 9877 7170 / Fax: +61 03 9877 7870

Japan MUSIC Group Services JP K.K.
Tel.: +81 3 5281 1180 / Fax: +81 3 5281 1181

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