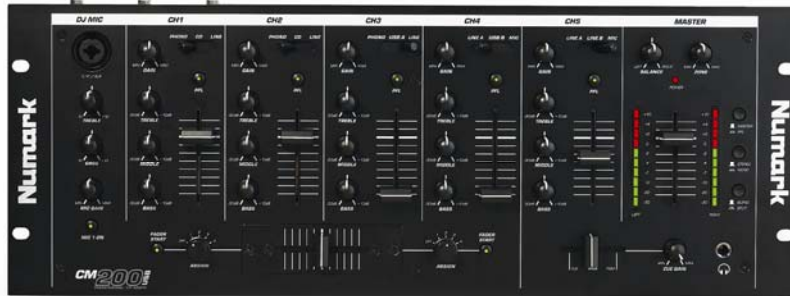




## CM200USB DJ Mixer Product Overview



### Product Description:

The first 19" DJ Mixer designed specifically for the mobile computer DJ. The CM200USB includes two USB audio devices built into the mixer allowing the user to utilize their computer music files without the need of drivers or sound cards. Two USB ports are included so you can take advantage of the multiple sound card feature found in most DJ mixing software. You can also record your mix at the same time as play back (full duplex). The mixer offers 5 channels of control plus a separate DJ mic section. Each channel includes PFL gain controls, and a 3-band EQ with Kill function. Also included is a user-replaceable, fully assignable crossfader that is conveniently set up to activate remote-start CD players. Outputs include a high quality master XLR output that offers panning and mono options. Also included are record, zone, and headphone outputs with split blend mixing controls for cueing. USB outputs are offered for both the record and master levels.

### Applications:

- Working DJ that uses a computer in the mix
- Club installations
- Home studio DJs

### Key Features:

- 5 channels plus DJ mic control
- Inputs for 8 line, 3 phono, 2 USB, 3 mic
- 2 USB input channels for playing MP3 files from a computer
- 2 USB output channels for recording your performance to a computer
- Master balanced XLR outputs with Record and Zone
- Steep 3-band EQ on every channel
- EQ on mic channel
- Split or blend cueing, PFL gain adjust with meter
- Fader-start, panning on master fader
- Replaceable assignable crossfader
- USB cables included
- No software drivers needed with Windows XP or Mac OS X
- Works with almost any Windows or Mac audio recording or playback software

### Positioning:

The CM200USB allows for the easy integration of a computer into a mobile DJ setup reducing the need for CDs.

*This information is preliminary and subject to change*

<b>Inputs</b>	
Line:	10Kohm input impedance
	77mV rms sensitivity for 1.22V output
Mic:	600 ohm input impedance unbalanced
	1mv rms sensitivity for 1.22V output
	70mV rms max input
Phono:	47Kohm input impedance
	1.2mV rms sensitivity @1KHz for 1.22V output
<b>Outputs</b>	
Line:	9V rms max
Headphone:	0.5W into 47 ohm
Distortion:	less than 0.01%
<b>Signal to Noise Ratio</b> (maximum output) JIS-A weighted	
Line:	>98dB
Mic:	>86dB
Phono:	>81dB
<b>Frequency Response</b>	
Line:	20Hz-20KHz ±0.5dB
Mic:	20Hz-15KHz ±0.5dB
	±1dB except for controlled attenuation of -3dB @ 20Hz to reduce rumble and feedback
<b>Channel Equalizer</b>	
Bass:	+12/-32dB @60Hz
Middle:	+12/-32dB @1.2KHz
Treble:	+10/-28dB @15KH
<b>DJ Mic Equalizer</b>	
Bass:	±10dB @100Hz
Treble:	±10dB @15KH
Power consumption:	11 Watt typical 14.7 Watt with full headphone output
<b>Weight &amp; Dimensions</b>	
Weight:	9.9 lbs
Dimensions:	(LxWxH) 19" x 7"x 4"

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***Q: What are the USB ports for?***

A: They are for playing audio from your computer into your mixer and/or for recording audio from your mixer into your computer. You can simultaneously play two streams into the mixer and record two streams from your mixer (being able to record and play back at the same time is known as "full duplex").

***Q: Why use USB rather than the computer's built-in sound card?***

A: Most laptops and desktops come with a single minimal quality built-in sound card which is unsuitable for live use. The CM200USB gives you a digital connection from your computer to your mixer, so the sound quality is excellent.

***Q: Why are there two USB ports?***

A: This is so that you can play two audio streams from your computer into your mixer, or play streams from two separate computers. If you only have one USB port available on your computer or laptop, you can purchase a USB1.1 hub very inexpensively.

***Q: Is this a computer control surface?***

A: The mixing controls on the CM200USB do not control software on your computer. The mixer receives streaming audio from your computer, and the mixing controls work on that audio in real time. This is better than a control surface, since the latency (response time) is much lower than if the mixing was done inside your computer.

***Q: Will it work with a Mac?***

A: Yes, the CM200USB will work with Mac or PC.

***Q: What kinds of drivers are needed?***

A: The CM200USB works with your computer's native USB drivers. No installation discs are necessary. It's plug-and-play.

***Q: Are ASIO drivers available?***

A: Third-party ASIO drivers are available. However, since the mixing controls are operating on the audio in real time, the response to your mixing moves will be instantaneous. When you use this mixer with your computer, it's no different from using this mixer with an analog source. So, when you move the crossfader on the CM200USB, the delay will be much less than if you move a crossfader on a computer mixing surface, regardless of what kind of drivers it uses.

***Q: What software is included?***

A: We currently include a demo version of Alcatech BPM Studio, which is a DJ program for playing music files. We will include additional software titles in the future. The CM200USB will work with virtually any Mac or PC software program that supports dual sound cards.

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