

B-CONTROL ▶ DEEJAY BCD2000

Technical Specifications

GB

Version 1.0 June 2005



www.behringer.com



B-CONTROL ► DEEJAY BCD2000

The Ultimate DJ Machine—Play, Mix and Scratch any MP3 and WAV Files just like Vinyl Records

GB

- ▲ Play, mix and scratch any MP3 and WAV files just like vinyl records with ultra-low latency
- ▲ Full-speed USB 4-channel audio interface plus high-resolution 24-bit A/D and D/A converters
- ▲ Perfectly complements the included BEHRINGER B-DJ software or any other DJ software
- ▲ 2 scratch wheels support creative DJing such as scratching, pitch bending and cue searching
- ▲ Full-fledged DJ mixer control panel with premium quality mic preamp, 3-band kill EQ per channel, ultra-precise faders, super-smooth crossfader and talkover function
- ▲ 2 state-of-the-art phono preamplifiers—one switchable to CD player
- ▲ Sophisticated headphone section includes PFL Mix, Split options and direct listening to master output mix
- ▲ Play, Pause, Cue, Loop and Pitch Bend functions via dedicated controls for intuitive DJing
- ▲ 4 user-assignable controls and buttons available for integrated FX section
- ▲ Innovative Cue logic with multiple storable cue points per song
- ▲ High-quality components and exceptionally rugged construction ensure long life
- ▲ Conceived and designed by BEHRINGER Germany

BCD2000

SPECIFICATIONS**AUDIO INPUTS****Microphone input**

Type	XLR balanced
Gain range	-∞ - +50 dB
Frequency response	10 Hz - 29 kHz (-3 dB)
Impedance	approx. 2 kΩ (balanced)
Max. input level	-25 dBu @ 35 dB Gain (mic level center position)
Signal-to-noise ratio	110 dB (A-weighted)
Distortion (THD+N)	0.01 % (A-weighted)
CMRR	typ. -40 dB
Equalizer	
EQ low	±12 dB @ 40 Hz
EQ high	±12 dB @ 12 kHz

Line inputs

Phono in	40 dB Gain
Line in	0 dB Gain
Impedance	approx. 47 kΩ
Max. input level	+12 dBu

AUDIO OUTPUTS**Master Out**

Type	RCA
Impedance	120 Ω
Signal-to-noise ratio	101 dB
Crosstalk	<80 dB @ 1 kHz
Max. output level	+18 dBu

Phones Out

Type	1/4" TRS connector
Max. output level	+4.7 dBu (+18.2 dBm) @ 30 Ω loading

DIGITAL PROCESSING

Converter	24 Bit
Sample rate	44.1 kHz
Signal-to-noise ratio	A/D: 100 dB D/A: 100 dB

USB INTERFACE

Type	Full-Speed 12 MBit/s
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SYSTEM SPECIFICATIONS

Signal-to-noise ratio	>80 dB
Crosstalk	<80 dB
Distortion (THD)	0.01%
Frequency response	15 Hz - 21 kHz, +0/-3 dB

POWER SUPPLY

Voltage	100 - 240 V~, 50/60 Hz
Power consumption	max. 7 W
Fuse	T 1 A H 250 V
Mains connection	Standard IEC receptacle

DIMENSIONS/WEIGHT

Dimensions (W x H x D)	13" x 3.9" x 11.8" (330 mm x 100 mm x 300 mm)
Weight	approx. 4.41 lbs (2.0 kg)

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