



The BB-1000CD is built to record virtually anything anywhere with CD-quality and is able to play music or speech with many options. Thus, it is the ideal tool for any musician, music teacher, composer, choirmaster, school, or conference room.

You can record from the four built-in mics directly to a standard audio CD or an SD memory card. This makes live recordings as easy as overdubs, where vocals or a solo instrument are recorded with existing material. Monitoring is possible via headphones output or the built-in loudspeakers driven by a 10 watts digital amplifier. During playback, you can choose from many useful features: Set locate markers to ease navigation within a track, use loops to repeat a marked section, change the playback tempo and/or key and make use of a metronome and a chromatic tuner. A Part Cancel feature makes practising with commercial CDs easier by reducing the level of vocals or solo instruments.

The BB-1000CD can be operated by the included AC adapter or eight AA batteries. An infrared remote control is supplied as standard.

- ▶ Automatic or manual recording level
 - ▶ Switchable Auto Gain Control (high/low) or limiter
 - ▶ Line input and output (RCA)
 - ▶ Headphones output (mini jack)
 - ▶ Two built-in 3-inch loudspeakers
 - ▶ 5 W + 5 W digital amplifier (Class D Delta-Sigma modulation with 512 times oversampling by 1-bit amplifier technology)
 - ▶ Special playback features for music lessons, language lessons, dancing schools, fitness centres etc.
 - Loop playback
 - Flash Back function to skip back by a certain amount (1–5 seconds)
 - Tempo change between –50 % and +16 % without affecting the key
 - Key change by ± 6 semi-tones without affecting the tempo
 - Part cancel feature with adjustable pan point to reduce the level of vocals or solo instruments on a given recording
 - Overdub feature to mix a solo instrument or vocals with the playback sound while recording
 - Marker function to locate to certain playback positions
 - Metronome with LED indicator
 - Chromatic tuner
 - ▶ Auto-Recording feature allows recordings to be started/stopped automatically by level
 - ▶ File divide function (to cut unwanted noise from recordings, for instance)
 - ▶ Powered through 8 x AA alkaline batteries or AC adapter (PS-1225L, included)
 - ▶ Wireless remote control supplied as standard
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- ▶ Boom box style recorder including everything needed for digital recording to CD or SD card
 - ▶ Perfect tool to record and play everything anywhere
 - ▶ Easy operation with dedicated knobs and keys
 - ▶ Direct recording to CD-R/CD-RW (CD-DA format, 16 bit / 44.1 kHz)
 - ▶ Direct recording to SD/SDHC card
 - WAV format (16 bit / 44.1 kHz)
 - MP3 format (High / Mid / Low bit rate, 44.1 kHz)
 - ▶ Create audio CDs (CD-DA) from WAV or MP3 files on the SD card
 - ▶ Extract audio tracks from CD-DA to SD card in WAV or MP3 format (ripping)
 - ▶ Copy audio CDs (CD-DA format)
 - ▶ Four built-in microphones (switchable front/rear) for flexible setups including 360-degree recording – perfect for choir and band recording or minutes recording
 - ▶ Two XLR mic inputs with +48V phantom power

BB-1000CD

Portable CD/SD Card Recorder

Specifications

General	
Recording/playback media	SD card (64 MB to 2 GB) or SDHC card (4 GB to 32 GB); CD-R, CD-R-DA, CD-RW, CD-RW-DA, CD-DA (playback only)
Recording/playback format MP3 (SD memory card)	44.1 kHz, 16 bit, 2 audio channels (stereo)
Bit rate (recording)	Low: 64 KBit/s, Mid: 128 KBit/s, High: 192 KBit/s
Bit rate (playback)	32–320 KBit/s (fixed or variable bit rate, VBR with restrictions)
Recording/playback format WAV (SD memory card)	44.1 kHz, 16 bit, 2 audio channels (stereo)
Recording/playback format CD-DA (CD only)	44.1 kHz, 16 bit, 2 audio channels (stereo)
File system SD/SDHC memory card	FAT partition: FAT16/32
Built-in microphones	Front: L/R (omni-directional) Rear: L/R (omni-directional)
Loudspeakers	2 x 3-inch (7,5 cm)
Amplifier	Class D digital amplifier, 1-bit technology, 2 x 5 W

Audio inputs and outputs	
Mic input (stereo)	XLR-3-32, balanced
Input level (min./nom./max.)	-55 dBu/-13 dBu/+3 dBu
Input impedance	2.4 kOhm
Line input (stereo)	RCA, unbalanced
Input level (min./nom./max.)	-22 dBV/-10 dBV/+6 dBV
Input impedance	20 kOhm
Line output (stereo)	RCA, unbalanced
Output level (nominal/maximum)	-10 dBV/+6 dBV
Output impedance	200 Ohm
Headphones output	Stereo mini jack (3.5 mm)
Maximum output power	>30 mW + 30 mW (32 Ohm load)

Audio performance	
Frequency response	20 Hz – 20 kHz (±1 dB)
Distortion (THD+N)	0.05 % (1 kHz, 20-kHz LPF)
S/N ratio	88 dB(A) (1 kHz, 20-kHz LPF)

Power supply and other specifications	
Power supply	AC adapter or 8 AA batteries (NiMH or alkaline)
AC adapter input/output	100–240 V AC, 50–60 Hz / 12 V DC, 2.5 A
Battery life (alkaline, continuous operation)	CD playback by loudspeakers: About 1.5 hours; SD card recording/playback by headphones: About 4.5 hours
Power consumption	30 W (CD playback, +6 dBV line input, maximum loudspeaker output)
Dimensions (W x H x D)	380 mm x 205 mm x 107 mm
Weight	3.4 kg



The input section allows to mix different input sources for the creation of overdub recordings.



Practice functions like loop playback, tempo and key control are accessed by dedicated buttons and controls.



Navigate easily in audio tracks or the unit's menu with a Data wheel as well as cursor and direct access keys.



Two built-in microphones on the front and two on the rear side – ideal for live band, choir, orchestra or minutes recording.



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