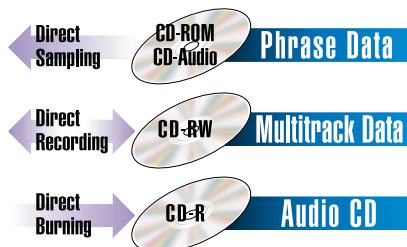


## A CD-Recording Workstation for a New Generation

The breakthrough CDX-1 DiscLab™ is a phrase sampler/digital multitrack recorder with built-in effects and CD-RW drive, which means it can handle the entire process of modern music production—from sampling and 8-track recording to effects processing, mixing and mastering your final CD. As the world's first workstation that can perform multitrack recording directly to rewritable CDs, the DiscLab is ideal for musicians, DJs, songwriters and more.



## Cool Sampling Features

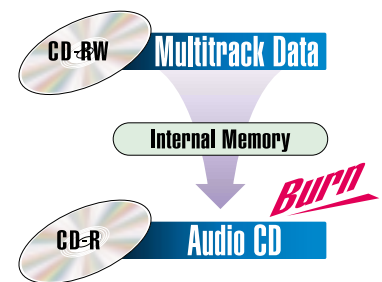
The DiscLab can store and recall up to 512 samples via eight onboard sample pads (using 64 banks). These samples can be recorded from live inputs or pulled from tracks recorded to the multitrack recorder section—or even directly loaded via the internal CD-RW drive using audio CDs/CD-ROMs containing .WAV files. Sampled phrases can then be truncated, looped, normalized—even time compressed—using editing functions equal to that of Roland's popular SP-808EX e-Mix Studio™. Put all these sampled phrases together using the Sequence track. Best of all, the onboard sampling memory can be expanded using optional DIMM memory, allowing you to store up to approximately 40 minutes of samples alone!

## Powerful Multitrack Recording and Effects

The CDX-1's 8-track recorder section is perfect for recording live input sources such as a microphone, synthesizer or guitar. Up to eight tracks can be recorded (two simultaneously) using 24-bit converters for pristine sound quality—all directly to the internal CD-RW drive. All audio tracks and samples can be processed through the CDX-1's stereo effects processors, which include useful algorithms such as a COSM Guitar Multi for recording guitars direct, Center Cancel effect for removing vocals, and Groove effects for dance music creation.

## CD Recording—the Final Step

Once audio tracks and samples have been recorded, you can simply mix down to the built-in stereo Master track. Then, by ejecting the original CD-RW disk and replacing it with a blank CD-R disc, you can burn a playable CD while taking advantage of a special Mastering Tool Kit—complete with split-frequency compression and 4-band EQ—giving you professional-sounding masters. The DiscLab can even burn CDs directly from the stereo inputs, making it a great tool for re-mastering vinyl records and your favorite cassette tapes to CD!



■ CDX-1 Rear Panel

### CDX-1 Specifications

● **Audio Data Format** CDX-1 Original Format ● **Maximum Polyphony** Monaural X 8 (Stereo X 4) (Total)  
 ● **Audio Tracks** Number of Tracks: 8, Maximum Simultaneous Playback Tracks: 8, Maximum Simultaneous Recording Tracks: 2 ● **Audio Sample PAD** Sample PAD: 512 Phrases (8 PAD X 64 Bank), Maximum Polyphony: 4 (Stereo/Mono), Memory Capacity: Standard: 15MB, When expanded with DIMM 128MB: 111MB ● **Maximum number of phrases (events) to be memorized** 2000 phrases ● **Signal Processing** AD Conversion: 24 bits, 64 times oversampling DA Conversion: 24 bits, 64 times oversampling, DA Conversion: 24 bits, 128 times oversampling ● **Sample rate** 44.1 kHz ● **Frequency Response** 20 Hz - 20 kHz (+0/-3 dB) ● **Nominal Output Level (variable)** Guitar/Bass (Hi-Z): -26 dBu (SENS: MAX), MIC 1, 2: -56 dBu (SENS: MAX), LINE: 0 dBu (SENS: MAX) ● **Input Impedance** Guitar/Bass (Hi-Z): 1 M Ω, MIC 1, 2: 100 k Ω, LINE: 30 k Ω ● **Nominal Output Level** Master Out: 0 dBu ● **Output Impedance** Master Out: 1 k Ω, Phones: 22 Ω ● **Recommended Load**

**Impedance** Master Out: 10 k Ω or greater, Phones: 8 - 600 Ω ● **Residual Noise Level** Master Out: -77 dBu or less (INPUT: LINE, SENS: MAX, IHF-A, typ.) ● **Interface** Digital I/O: Coaxial, Optical (conforms to S/P DIF)  
 ● **Display** 69.0 x 25.0 mm (backlit LCD) ● **Connectors** MIC In Jack 1, 2 (1/4 inch phone type, TRS phone type), MIC In Jack 1, 2 (XLR type), Guitar/Bass (Hi-Z) Jack (1/4 inch phone type), Line In Jack L/R (RCA phone type), Digital In Connectors (Coaxial type, Optical type), Master Out Jack L/R (RCA phone type), Digital Out Connectors (Coaxial type, Optical type), Phones Jack (Stereo 1/4 inch phone type), Foot Switch Jack (1/4 inch phone type), MIDI Connectors (In, Out/Thru) ● **CD-RW Drive** x12 (Write), x10 (Rewrite), x32 (Read) ● **Power Supply** DC 12 V, Supply AC Adaptor ● **Power Consumption** 2.8 A ● **Dimensions** 456.0 (W) x 330.0 (D) x 94.0 (H) mm 18 (W) x 13 (D) x 3-3/4 (H) inches ● **Weight** 5.0 kg/ 11 lbs (excluding AC adaptor) ● **Accessories** AC Adaptor, Demo Disc (Songs, Samples), CD-RW blank disc  
 \*0 dBu = 0.775 Vrms

\*The specifications are subject to change without notice.