

LaserBarcode™, LaserBarcode 2™ & Barcode CD™ Player Control

Barcodes provide a simple method for quickly searching to a specific disc location or playing video/audio segments from CAV or CLV videodiscs played on LaserBarcode or LaserBarcode 2 compatible LaserDisc players. Barcode CD barcodes allow access to compact disc audio segments when the compact discs are played on a Barcode CD compatible player such as Pioneer's CLD V-2600 & CLD V-2400. Scan a Pioneer Barcode Reader across a player control barcode, and send the code to a compatible player via a wired connection or infrared signal, to access an indicated frame or video segment (LD) or an indicated track, block, index or audio segment (CD).

A CAV disc contains up to 54,000 still frames or 30 minutes of full motion video on each side. A CLV disc contains up to 1 hour of full motion video per side. Frequently, an educator or trainer can enhance ideas and concepts by presenting specific information from a LaserDisc. Barcode creation software allows barcodes to be integrated into lecture notes or study guides then, later, specific segments can be accessed on the LaserDisc without using a remote control or a host computer. Barcode CD commands provide the same quick and easy access to audio segments on compact discs. Pioneer sells three software programs that can be used to create LaserBarcode, LaserBarcode 2 and Barcode CD barcodes. They are: **Bar'n'Coder**® for the Macintosh®, **LaserDisc Controller**® for IBM & compatible machines running MS-DOS and **BarKoder for Windows**™ running under Windows 3.1 or above.

The LD-V8000, LD-V4400, CLD-V2600 & CLD-V2400, the LD-V2200 and LD-V2000 all have built-in LaserBarcode capabilities. The LD-V4200 (discontinued) and the LC-V330 Auto Changer require the LaserBarcode Adapter, LBA/15; the LD-V6000A and LD-V6010A (discontinued) require the LaserBarcode Adapter, LBA/25. The LD-V8000 above serial number ME 3912276 (with EPROMS 1202 & 1194 or above) and all production units of the LD-V4400 and CLD-V2400 are LaserBarcode 2 compatible. The CLD-V2400 also has built-in CD Barcode capability. (See **Tech. Bulletin #132 — LaserBarcode 2 Standard Commands & Logo**, **Tech. Bulletin #140 — Barcode CD and the CLD-V2600/2400**, and **PIB #16 — LaserBarcode Formats and Player Compatibility**.)

A Pioneer Barcode System is comprised of the components listed on the following page: