

On-Screen User Display Area

Pioneer Industrial LaserDisc players feature on-screen user displays that can be used to send labels and text from a computer or an external controller to be displayed on the monitor attached to the player. See *Pioneer's User's Manual/Programmer's Reference Guides* for details about specific players.

Player	No. of User Lines	No. of Characters/Line	Notes
LD-V8000	12 lines Lines 0 through 11*	20 characters upper & lower case; European	
LD-V4400	12 lines Lines 0 through 11	20 characters u/c & l/c; European	
CLD-V2600	12 lines Lines 0 through 11	20 characters u/c & l/c; European	
CLD-V2400	10 lines Lines 0 through 9	20 characters u/c & l/c; European	
LD-V2200	11 lines Lines 1 through 11	20 characters u/c & l/c; European	
LD-V4200† (Enhanced)	11 lines Lines 1 through 11	20 characters u/c & l/c; European	(Serial # 3908801 - 3911900 did not have access to European char.)
LD-V4200†† (Original)	8 lines Lines 1 through 8	20 characters upper case only	(Original LD-V4200s included players below serial #3908801)

Mnemonic commands are used to send text to the video monitor from the internal character generator of the LD-V8000, LD-V4400, CLD-V2600, CLD-V2400, the original or enhanced LD-V4200 (both of these are discontinued), the LC-V330 (same as the original LD-V4200), and the LD V2200. Sample command sequence:

4RA 1DS <CR>	R <CR>	Set Register A to receive User Display text, but not Frame, Chapter or Time numbers; Turn Display ON.
3PR <CR>	R <CR>	Instructs the player to print the following character string** to line three of the video monitor
***** <CR>	R <CR>	This character string appears on line three of the video monitor.
5PR <CR>	R <CR>	Instructs the player to print the following character string to line five of the monitor.
HELLO! <CR>	R <CR>	These characters appear on line five of the monitor.
7PR <CR>	R <CR>	Instructs the player to print the following character string to line seven of the monitor.
***** <CR>	R <CR>	These characters appear on line seven of the monitor.

* To write to Line 0 on the LD-V8000, LD-V4400, or the CLD-V2600, CLD-V2400 Reg A must be set to 4, for User's Display only; this disables the Frame, Chapter, Time display and on these three players, makes line 0 available for user generated text.

** The character string is limited to 20 characters per line.

† Discontinued Model.

†† The LC-V330 Autochanger has the same User Display available as the Original LD-V4200.

CAUTION: Internally generated labels and text that are part of a control program for one player model may shift slightly on the monitor when run on a different player model.