DVD player vs. LaserBarcode 2

What a DVD-V7200 will do when it receives LB2 barcode when it is playing a DVD disc which is converted from a LD (CAV and CLV)?

1. 4 digits command.
(1) Set the audio control

		What does a LD player do with a LD and LB2 ?	What does a DVD-V7200 do with a port-over DVD and LB2 ?
2103	AUDIO OFF		Same as LD.
2170	DIGITAL STEREO		Set the audio control attribute to audio stream 4.
2158	DIGITAL 1/L		Set the audio control attribute to audio stream 5.
2169	DIGITAL 2/R		Set the audio control attribute to audio stream 6.
2136	ANALOG STEREO		Set the audio control attribute to audio stream 1.
2114	ANALOG 1/L		Set the audio control attribute to audio stream 2
2125	ANALOG 2/R		Set the audio control attribute to audio stream 3.

(2) Set the video control

		What does a LD player do with a LD and LB2 ?	What does a DVD-V7200 do with a port-over DVD and LB2 ?
2204	VIDEO OFF		Same as LD. Squelch color will be the one which is selected in the "set-up menu".
2215	VIDEO ON		Same as LD. Squelch color will be the one which is selected in the "set-up menu".

(3) Set the player control

		What does a LD player do with a LD and LB2 ?	What does a DVD-V7200 do with a port-over DVD and LB2 ?
2305	PLAY		Same as LD
2316	PAUSE		Same as LD
2327	STEP FWD		Same as LD
2338	STEP REV		Searches one VOBU before and stills at the beginning of the VOBU.
2349	SLOW FWD 1 (1/3 1/4)		Same as LD.
2361	SLOW FWD 2 (1/8 1/12)		Same as LD.
2383	SLOW FWD 3 (1 frame/second)		Same as LD.
2440	SLOW FWD 4 (1 frame/2-3 seconds)		1 frame/ second
2350	SLOW REV 1 (1/3 1/4)		Repeat searching and displaying one VOBU before at the same speed.
2372	SLOW REV 2 (1/8 1/12)		
2394	SLOW REV 3 (1 frame/second)		
2451	SLOW REV 4 (1 frame/2-3 seconds)		
2417	START		Spin up the disc, search and still at the beginning of Title 1. Set audio to Stream 1. Set video to ON. Marker clear.
2406	REJECT		Same as LD. Set audio to stream 1.
2494	MARKER CLEAR		Same as LD.

(4) Others

		What does a LD player do with LD and LB2 ?	What does a DVD-V7200 do with a port-over DVD

		and LB2 ?
2989	DEBUG ON	Same as LD.
2990	DEBUG OFF	Same as LD.

2. 6 digits command : Chapter search command.
  Search to the specified chapter and enter still mode.
  2 digits are assigned to set the attribute and the rule is described in the bellow chart.
  These attributes are also applied to other 8, 10, 14 and 16 digits command.

1st Digit	Function	2nd Digit	Function
0	VIDEO OFF	0	AUDIO OFF
1	VIDEO ON	1	Audio stream 2 (Analog 1/L)
2	Not assigned	2	Audio stream 3 (Analog 2/R)
3	Not assigned	3	Audio stream 1 (Analog Stereo)
4	Not assigned	4	Not assigned
5	Not assigned	5	Audio stream 5 (Digital 1/L)
6	Not assigned	6	Audio stream 6 (Digital 2/R)
7	Not assigned	7	Audio stream 4 (Digital Stereo)
8	Not assigned	8	Not assigned
9	Keep the previous settings	9	Keep the previous setting

3. 8 digits command : Chapter Segment Play command
  Search to the start chapter number and play to the end chapter number.
  Enter Still mode when the player reaches to the marked chapter.

4. 10 digits command : Frame Search and Time search command
  Search to the specified Frame and enter Still mode on DVDs which is converted from CAV LDs.
  Search to the specified Time number and enter Still mode on DVDs which is converted from CLV LDs.
  It is necessary to record the verification code in the TEXT INFORMATION to determine CAV or CLV.

5. 14 digits command : Frame Segment Play and Time Segment Play command.
  Search to the start Frame number and play to the end Frame number and enter Still mode when the player reached to the marked frame number on DVDs which is converted from CAV LDs.
  Search to the start Time number and play to the end Time number and enter Still mode when the player reached to the marked time number on DVDs which is converted from CLV LDs.

6. 16 digits command : Special Effect Frame Segment Play command.
  Search to the start frame number and play to the end frame number in the slow

motion forward or reverse directions.
This command can only be used with DVDs which is converted from CAV LDs.
Here is the Special Effect and Special Effect Sub Code chart.

Special Effect code

	Direction (Forward or Reverse)
0	Not allowed to use
1	Slow forward
2	Slow reverse
3	No use
4	No use
5	No use
6	No use
7	No use
8	No use
9	No use

Special Effect Sub Code

	Direction Code is 1. (Slow Forward)	Direction Code 2. (Slow Reverse)	Direction Code is 3 - 9.
0	Not allowed to use	Not allowed to use	No use
1	1/3 - 1/4 x normal		No use
2	1/8 - 1/12 x normal	Slow reverse at the same speed.	No use
3	1 frame/1 second		No use
4	1 frame/1 second		No use
5	No use	No use	No use
6	No use	No use	No use
7	No use	No use	No use
8	No use	No use	No use
9	No use	No use	No use

End.