

Using Pioneer Barcode Readers (cont.)

Pioneer Barcode Reader UC-V109BC

Overview of the UC-V109BC

Pioneer Barcode Reader UC-V109BC scans LaserBarcode™, LaserBarcode 2™ and Barcode CD™ commands and sends them to control Pioneer's barcode compatible LaserDisc or combination LaserDisc/Compact Disc players. The UC-V109BC Barcode Reader also has eight remote control function buttons built-in. It works with Pioneer Industrial LaserDisc players LD-V8000, LD-V4400, CLD-V2400, LD-V2200, the LC-V330 Auto Changer with LBA/15, the discontinued LD-V4200 with LBA/15, and the discontinued LD-V6000A with LBA/25. The unit does not work with the LD-V2000 player. See **Product Information Bulletin #16** for player barcode-compatibility.

The following remote control functions are available on the UC-V109BC: Play, Pause, Scan Forward and Reverse, Step Forward and Reverse*, Chapter /Track Skip Forward and Reverse**. Press the remote control function buttons on the side of the reader and point the infrared transmitter at either end of the reader toward the player to send commands in infrared mode. (See **Figure F** below.) If the reader is connected to the player via wire, the commands are sent automatically regardless of the orientation of the infrared transmitter.

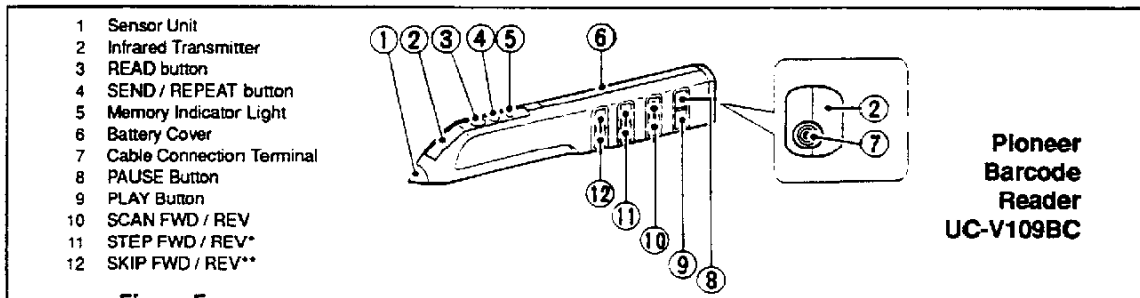


Figure F

Preparing the UC-V109BC Barcode Reader for Use

- Check to make sure that the batteries are fresh and placed correctly in the battery compartment of the reader.
- If you will be using the reader in wired mode, make sure that the wired connections to the reader and the player are secure.

Using the UC-V109BC Barcode Reader

Turn on the barcode compatible LaserDisc player or combination LD/CD player, insert a LaserDisc or Compact Disc that has accompanying barcode materials. Spin -up the disc by pressing the PLAY button on the reader, or on the front of the unit, or by sending a START barcode command on LB2 compatible players. Grasp the reader like a pen and place the sensor next to the barcode, tilted at about a 30 degree angle from a vertical

*Step Fwd and Rev are used only with CAV discs on most players. Only the LD-V8000 executes Step Fwd and Rev on both CAV and CLV discs.** Chapter / Track Skip Fwd and Rev are not available on the LD-V8000.

*LaserBarcode™ and LaserBarcode 2™ are Pioneer Electronics Corp. trademarks.
Barcode CD™ is a SONY Corp. trademark.*

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position. Press the blue READ button. Start scanning in the white space beside the barcode and move the sensor tip of the reader horizontally across the barcode at a constant speed. You will hear a "beep" and the red indicator light on the top surface of the reader will light up when the code has been successfully read. This light remains lit as long as the barcode command is held in memory (about 60 seconds). **Note:** The barcode may be scanned from left to right or from right to left. (See Scanning Tips, **Figure C** on page J-2.)

Wireless Operation of the UC-V109BC

The UC-V109BC reader works in both wired and infrared mode. When using the reader in infrared mode, press the red SEND/REPEAT button and point either the tip or the blunt end of the reader toward the infrared sensor on the player to transmit the code. Also, make sure the wire is disconnected from the reader and the player or commands will not be successfully sent to the player.

The UC-V109BC can send an infrared signal about 23 feet to the player with fresh batteries installed. It may take up to two seconds to send a barcode command from the reader to the player. The infrared sensor must receive the entire transmission to process the command correctly. Make sure the reader's infrared transmitter remains pointed at the infrared sensor on the player and that the signal path is unobstructed for the entire transmission of the command. A "beep" signals that the player has received the command.

Wired Operation of the UC-V109BC

When the reader is attached to the player via wired connection, the code is transmitted automatically to the player as soon as it is scanned. There is no need to press the SEND/ REPEAT button. A beep will sound as the barcode is read.

Note: In both wired or infrared mode, the reader holds the last barcode scanned in its memory for approximately 60 seconds. The last barcode scanned can be re-sent by pressing the SEND/REPEAT button again. Each time the SEND/REPEAT button is pressed, the code is retained an additional 60 seconds.