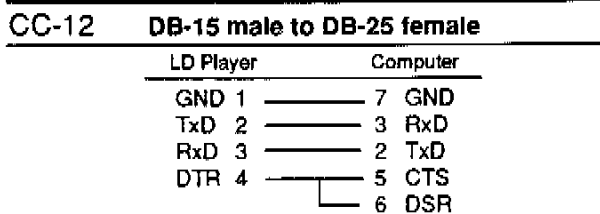


Cable Interface Chart

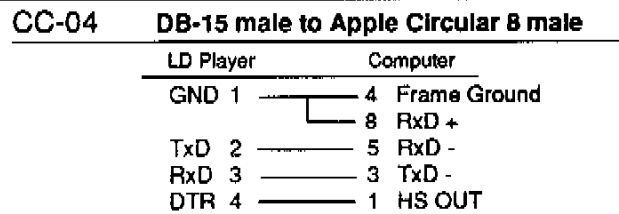
External Computer	PIONEER INDUSTRIAL LASERDISC PLAYER MODEL #					
	LD-V8000 CLD-V2600	LD-V4400 CLD-V2400 LD-V2200	LC-V330	LD-V2000*	LD-V4200 <small>Discontinued</small>	LD-V6000A <small>Discontinued</small>
IBM PC/XT & compatibles	CC-12		CC-12	<small>Third Party Adaptation Required</small>	CC-12	CK-232*
IBM PS/2	CC-12		CC-12	"	CC-12	CK-232**
IBM AT & compatibles	CC-13		CC-13	"	CC-13	CK-232***
IBM InfoWindow	CK-15P†		N/A††	"	CK-15P	CK-232
Macintosh Plus, SE, II & Apple IIGS	CC-04		CC-04	"	CC-04	CC-05
Apple II, II+, IIE with Super Serial Card	CC-03		CC-03	"	CC-03	CK-232
Commodore Amiga	CC-12		CC-12	"	CC-12	CK-232**
UC-V102 Controller	CC-03		CC-03	"	CC-03	CK-232

* Call MSD Engineering/Technical Support for details ** Requires gender adapter. *** Requires 25 pin to 9 pin gender
† Uses LD-V4200 Command set. †† IBM InfoWindow does not support the LC-V330.

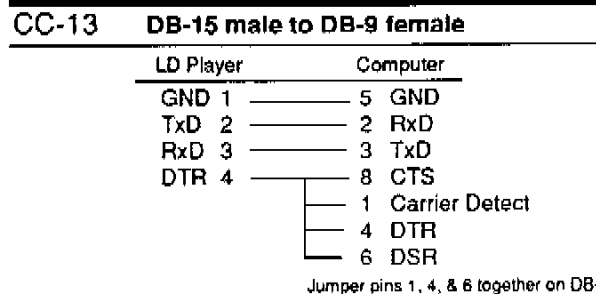
Pioneer Cable Specifications
See Notes on reverse side



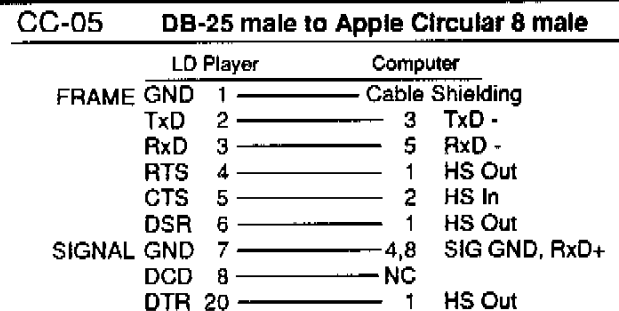
The CC-12 is an RS-232 cable which interfaces Pioneer's LD-V8000, LD-V4400, CLD-V2600, CLD-V2400, LD-V2200, LD-V4200 videodisc players and the LC-V330 AutoChanger to Commodore Amigas and any IBM PC or compatible computer that supports a 25-pin male D-sub connector RS-232 port.



The CC-04 is an RS-232 cable which interfaces Pioneer's LD-V8000, LD-V4400, CLD-V2600, CLD-V2400, LD-V2200, LD-V4200 videodisc players and the LC-V330 AutoChanger to the Macintosh Plus, SE, Macintosh IIs, and Apple II GS computers. It connects the 15-pin RS-232 port on the player to the Circular-8 Modem port on the Apple/Macintosh.



The CC-13 is an RS-232 cable which interfaces Pioneer's LD-V8000, LD-V4400, CLD-V2600, CLD-V2400, LD-V2200, LD-V4200 videodisc players and the LC-V330 AutoChanger to IBM PC/ATs or compatibles that support a 9-pin male D-Sub Connector RS-232 port.



The CC-05 RS-232 cable interfaces Pioneer's LD-V6000A, LD-V6010A, LD-V8000 and LD-V6010 videodisc players to the Macintosh Plus, SE, Macintosh IIs and the Apple II GS computers. It connects the 25-pin RS-232C port on the player to the Circular-8 Modem port on the Apple/Macintosh.

Pioneer Cable Specifications (cont.)

CC-03		DB-15 male to DB-25 male	
LD Player		Computer	
GND	1	7	GND
TxD	2	3	RxD
RxD	3	2	TxD
DTR	4	5	CTS
		6	DSR

The CC-03 is an RS-232 cable which interfaces Pioneer's LD-V8000, LD-V4400, CLD-V2600, CLD-V2400, LD-V2200, LD-V4200 videodisc players and the LC-V330 AutoChanger to the IBM InfoWindow*, the Apple II series Super Serial Card and to Pioneer's UC-V102 Videodisc Controller.

* IBM InfoWindow does not support the LC-V330 AutoChanger.

CK-15P Kit DB-15 male to DB-25 male

LD Player		Computer	
GND	1	7	GND
TxD	2	3	RxD
RxD	3	2	TxD
DTR	4	5	CTS
		6	DSR

with two WRAP PLUGS

Male 25-PIN D-Sub Connector		Female 15-PIN D-Sub Connector	
Internal Jumper List		Internal Jumper List	
2	3	2	3
4	5	4	5
6	20	6	20

This kit contains the CC-03 cable, an RS-232 cable designed to interface Pioneer's LD-V8000, LD-V4400, CLD-V2600, CLD-V2400, LD-V4200 videodisc players to the IBM InfoWindow. However, the CC-03 can also be used to interface the above videodisc players to Pioneer's UC-V102 Videodisc Controller and, with a 25-pin female-to-female adapter, to an IBM PC or compatible that supports a 25-pin RS-232 port. Two wrap plugs, used to test the RS-232C cable in the InfoWindow configuration, are included.

CK-232 Kit Male 25-pin D-Sub Connector to male 25-pin D-Sub Connector

LD Player		Computer	
GND	1	1	GND
TxD	2	2	TxD
RxD	3	3	RxD
RTS	4	4	RTS
CTS	5	5	CTS
DSR	6	6	DSR
GND	7	7	GND
DCD	8	8	DCD
DTR	20	20	DTR

with two WRAP PLUGS

Male 25-PIN D-Sub Connector		Female 15-PIN D-Sub Connector	
Internal Jumper List		Internal Jumper List	
2	3	2	3
4	5	4	5
6	20	6	20

and one BNC-RCA Video Cable

This kit contains an RS-232 cable designed to interface Pioneer's LD-V6000A, LD-V6010A, LD-V6000 or LD-V6010 videodisc players to the IBM InfoWindow. It can also be used to interface the above videodisc players to Pioneer's UC-V102 Controller and, with a 25-pin female-to-female gender adapter, to an IBM PC or compatible. The video cable is used to connect the BNC video output jack on the above players to the RCA video input on the InfoWindow monitor, or to any monitor with an RCA video input jack. Two wrap plugs, used to test the RS-232C cable, are included.

NOTES:

1. Signal lines will comply with EIA standard RS-232C and be configured as described.
2. Sufficient shielding for radiated EMI to meet limits of FCC Class A.
3. Standard Pioneer cable length is 6'.
4. All Pioneer cable connector housings are shielded.