# PC-2 troubleshooting for DVD applications

| Problem Symptom | Probable Cause | Service Procedure |
|---|---|---|
| No power on pins 14 and 25 on the PC-2's PARALLEL port (ground is pin 1) when plugged in. | Power supply may be damaged. | PC-2 is powered by a 9VDC 500ma **center positive** power supply. There should be at least 9 VDC from the power supply. |
| | Voltage regulator in PC2 may be damaged. | If the power supply is working, return the controller for repairs. |
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| Keypad port not working on controller. | Keypad buffer may have been damaged by static. | Replace U8 on the board. Part#  MC74HC244AN |
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| Player not starting up. | Program card not inserted properly. | Check to see if card is inserted as far as possible and that the label is facing up. RESET controller after any changes. On the newer version 2 program cards, the card should be inserted up to the fourth pin on either side on the chip (on the bottom of the card). |
| | Power supply not connected to PC-2. | Make sure power supply is inserted in PC-2 and is plugged in. |
| | Player setting is wrong - most PC-2 programs are set for 4800 baud. | Consult player's manual for instructions. You may have to restart the system after changing any settings. |
| | Control cable not attached or damaged. | Attach DVD cable to PC-2's communication port and the INTERFACE CONNECTOR on the back of the Pioneer DVD player. |
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| Memory in the controller gets corrupted when the PC-2 is unplugged. | Battery (BT1 on circuit board) or battery switching circuit may be damaged. | **(*1)** The battery voltage on Pin 28 of U3 (RAM) should be above 3.8 VDC when the controller is unplugged for 15 minutes. Pin 14 is the ground on U3. Replacement part# VARTA 55608303012 |
| | Charging Circuit jumper (JP1) not attached. | Connect a jumper clip on the two pin contacts of JP1. |

**\*1  SERVICABLE  ONLY BY A TRAINED TECHNICIAN AND MAY VOID WARRANTY IF PERFORMED**