

DRX-2

DVD RECORDER



A teal decorative graphic consisting of a semi-circle and a larger, lighter teal shape behind it, located on the left side of the slide.

## DVD+R Features

---

DVD+RW video recorders allow users to add, delete or divide titles, overwrite titles in whole or in part, create or modify play lists and make other changes without losing compatibility with existing DVD players, unlike other formats. DVD+R/+RW also allows instant use and instant eject - you don't have to wait for the disc to format or finalize.

- DVD+R/+RW uses the same disc for both video and data. You can share recordings between your home electronics and computer equipment, add new recordings or even edit directly on the same disc. Furthermore, DVD+R Double Layer technology allows for storage of up to 8.5 GB of data on a single sided disc.



## DRX-2 DVD RECORDER

---

- Records on DVD+R & DVD+RW discs.
- Linear PCM audio recording (1&2 hour recording modes).
- Progressive scan (NTSC only)
- Plays all types of DVDs and CDs.
- Digital copying from camcorder via i.LINK.

# Internals



# Fault Finding on a DRX-2

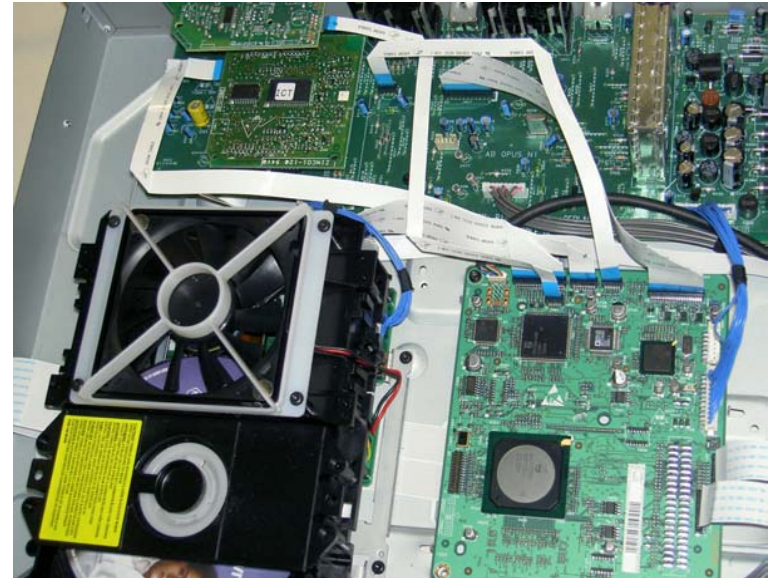
Does the unit power up?

- Yes or No.
- Implement diagnostic mode by holding down the play button while applying power to the unit.
- This will enable the unit into its test mode. It tests all its data lines to all its main micro's. Once finished a result will be shown either PASS or FAIL.



## Next steps

- If PASS that indicates that from a data communications aspect of the unit is performing o.k.
- This leaves us now checking the dvdr mechanism.







## Next Step

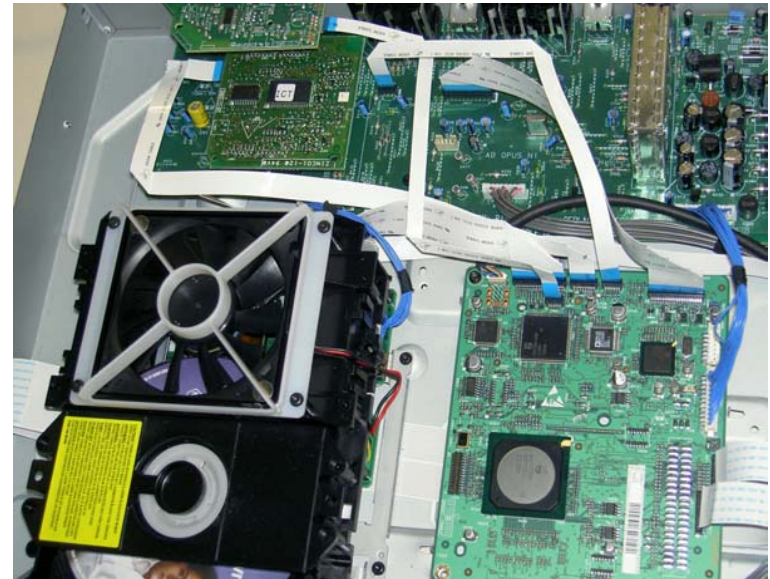
---

- If FAIL this tells us that we have an electronic circuit problem, normally a number is displayed on the display of the unit this corresponds to the faulty IC on the board.

We then replace the digital board.

## Next Step

- If ever the unit can not get into the diagnostic mode and all power supply rails are there, then I would replace the digital board.





## Next Step

- If at all when powering up and the fan on the mechanism does not start, this tells us communication to the loader is corrupted.
- We can then disconnect the flex located on the far right of the digital board. If the loader fan does spin after power on then digital board is faulty. If not then loader is faulty.





## Symptoms

---

- Record light stays lit.
- Error code ABFFDOE6
- Error code D803242F0
- Error code D8059ED70
- Won't power on.



## Conclusion

---

- All new digital boards have been worked on by us. They are all multizoned and have DV ID numbers. Nothing needs to be done by your end other than placing new board into unit and testing it .



## Attention

---

- Any faulty parts whether digital boards or **dvdr mechanisms** must to be sent back to head office.

### Attention:

Peter Vassilopoulos (Tech Support)  
Level 1, 99 Queensbridge St,  
Southbank, 3006  
Victoria