

Replacing the disk drive of a Sony HB-F1XD(J) & HB-F1XV

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Warning:

The most important part in the computer is the printed circuit board (PCB). Parts can be replaced, but not the PCB. Do not try to unsolder the parts, but cut them loose and then remove the solder pins. The use of IC sockets is recommended.

Just as with other computers, the disk drive of this computer may stop working. Replacing the drive is easy. The connectors should fit perfectly on the replacement disk drive.

The difficulty lies in fitting the disk drive to the computer case. Of course, you could cut a hole in the case, but this would make it clearly visible from the outside that the disk drive has been replaced.

Try to use a replacement disk drive with the drive mechanism and the eject button in approximately the same location as the original disk drive.



The Sony HB-F1XDJ MSX-2+ computer.

Requisites:

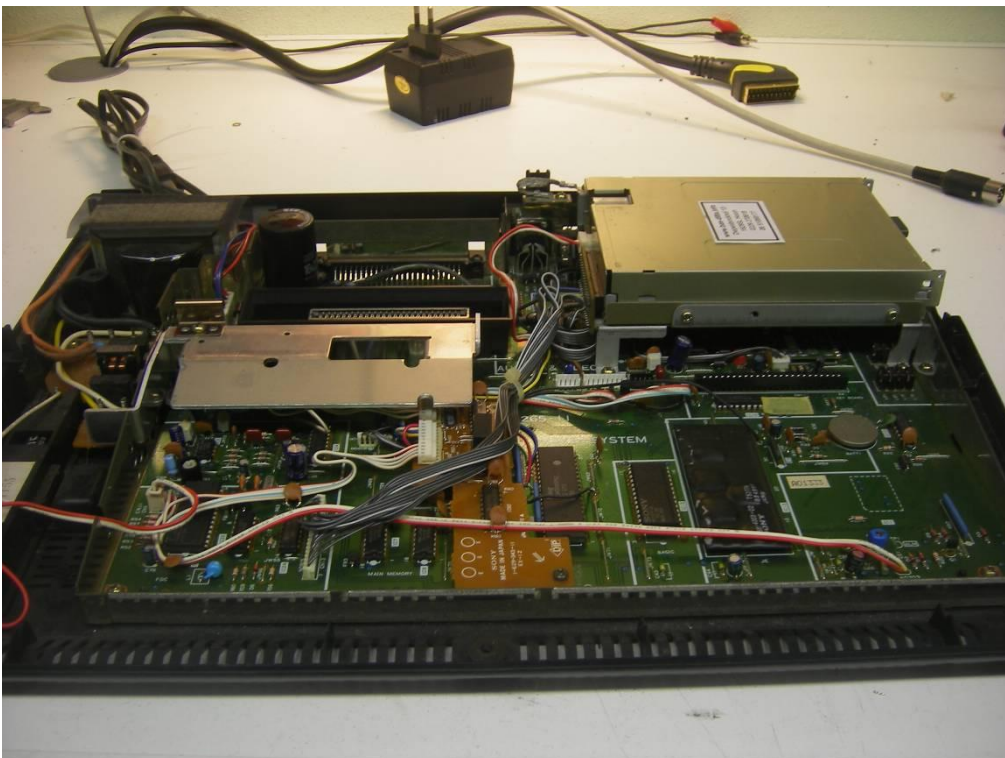
- Disk drive suitable for MSX and correctly configured as A-drive.

Disassembly:

- Remove the cover.
- Remove the disk drive.
- Remove the base plate of the disk drive.

Mounting the disk drive:

- Place a new disk drive on the base plate.
- Fit the original eject button and attach it to the new disk drive with a good filling adhesive.
- Make the disk drive housing fit by cutting away parts where necessary.
- If necessary, adjust the computer cover to fit the new disk drive.
- Place the new disk drive into the computer.
- Reconnect the power connector.
- Reconnect the 34-pin connector.
- Close the cover.



The disk drive has been replaced and connected.



The Sony HB-F1XDJ with a new disk drive.