

FloppyDTV

Assembly guide

General description

This guide describes how to install your FloppyDTV either in PCI slot or in a 3,5" Floppy bay of your computer.



Please follow the instructions described below very carefully to avoid damages to your computer or your FloppyDTV!



Before assembling the FloppyDTV turn your computer off!!!



"FireWire", is sometime also called "IEEE1394" or "iLink".

1. How to connect the FireWire cable of the FloppyDTV

There are three possibilities to connect the FireWire cable depending on the FireWire controller located in your computer.

1.1 FireWire controller on PCI or PCI-e card with internal connectors

- Locate the internal FireWire connectors and plug the FireWire cable (see Picture)



1.2 FireWire connectors on back side of the PC

- Locate an unused PCI-Slot in the computer and replace the PCI-Bracket with the one supplied with the FloppyDTV. Pull the FireWire cable trough the cut-out in the PCI bracket.
- Connect it to a free FireWire connector (sometimes marked with IEEE1394)



1.3 FireWire connectors on the motherboard



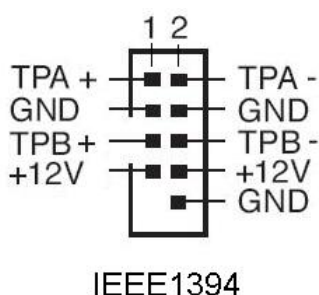
This procedure is suitable only for expert users. Errors in handling cables and connectors on the motherboard may damage the motherboard or the FloppyDTV!!!

Some motherboards have one 10 poles connector usually intended to bring the FireWire connection to a Front or Back Panel. This connector can also be used to connect the FloppyDTV.

- Locate the FireWire (IEEE1394) connector on the motherboard referring to the "User Manual" of your motherboard.
- Search the pin-out of the connector on the User Manual of your motherboard and verify that it matches the following table.



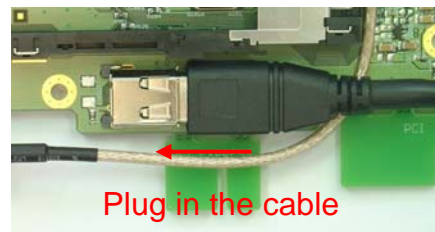
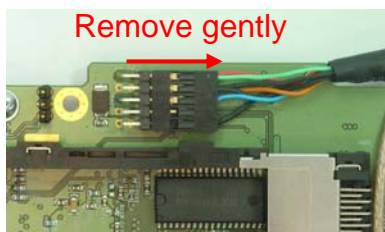
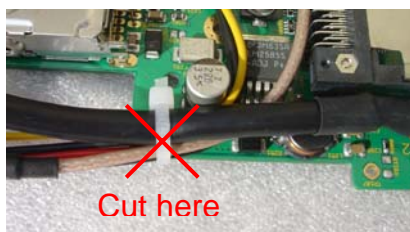
Use the motherboard connector only if you are sure that the pin-out matches the pin-out in the following table! The motherboard can be damaged if the pin-out doesn't match!!!



Pin	
1	TPA +
2	TPA -
3	GND (Ground)
4	GND (Ground)
5	TPB +
6	TPB -
7	V+
8	V+
9	NOT USED
10	GND (Ground)

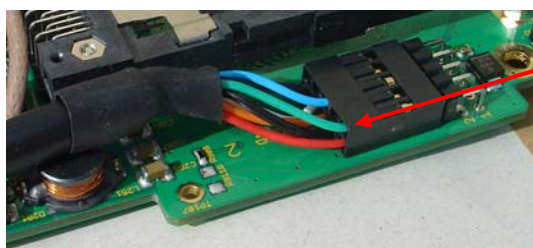
Disassemble the FireWire cable from the FloppyDTV as described below:

- Cut the fastening string of the FireWire cable of the FloppyDTV.
- Carefully, unplug the 10 poles connector from the "FireWire 2" port of the FloppyDTV
- Plug the FireWire connector of the FireWire Cable on the "FireWire 1" port of the FloppyDTV.



The Pin1 on the 10 Poles connector of the FloppyDTV is the one with a Green wire starting from it (Pin10 is the one with a large Black Wire)

- Carefully identify the Pin1 of the FireWire connector on the Motherboard and plug the 10 Poles connector to the motherboard matching the Pin 1 of the cable to the Pin 1 of the motherboard.



Don't use any different FireWire cable from that one supplied with the FloppyDTV to connect it to the motherboard!!!

2. Connect the FloppyDTV to other FireWire devices

The FloppyDTV has a built in FireWire repeater which can be used to connect other FireWire devices.



If you want to place a second (or more) FloppyDTV in your computer you can connect the FireWire cable of the second FloppyDTV to the remaining FireWire port of the first FloppyDTV

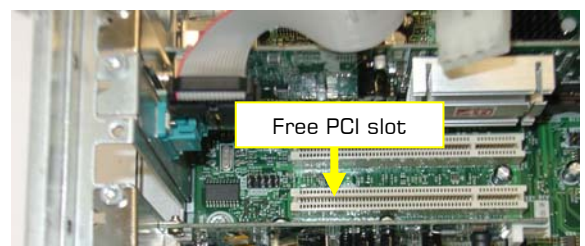
3. PCI / PCI-e Slot assembly instructions

The FloppyDTV fits on PCI, PCI-e or also on any other similar empty slot in the computer housing.

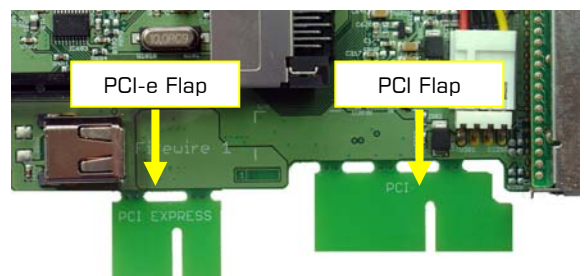
To mount a FloppyDTV into the PCI slot of your computer please follow the instructions below.

- Open your computer and locate an empty slot.

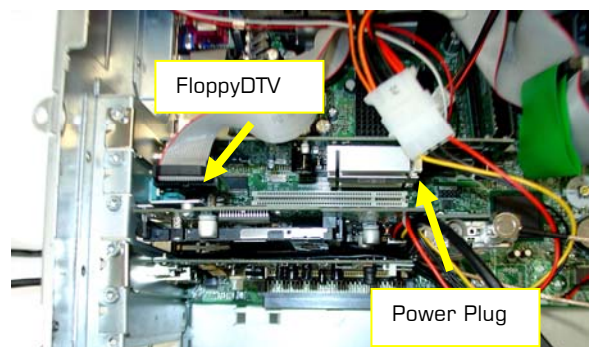
Choose the free slot you prefer. The picture shows a free PCI slot as example.



- The FloppyDTV has two small insertion flaps (see picture). Remove the flaps you don't need by bending it firmly (if you want to place the FloppyDTV on PCI-e remove the Flap marked with PCI on it)



- Place the FloppyDTV into the free slot you choose and secure it with a screw.
- Connect the power plug with the power supply of your computer.



4. Hard Drive or Floppy Drive bay assembly instructions

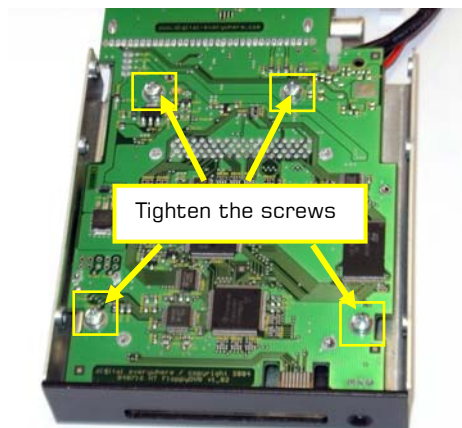
The FloppyDTV can be mounted on any 3,5" bay in the computer using a special 3,5" adapter.



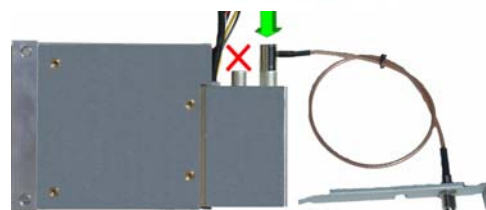
The 3,5" Adapter is not included in all the available versions of the FloppyDTV. Contact your dealer if your versions doesn't include the 3,5" Adapter.

To mount a FloppyDTV into the 3,5" Floppy Drive bay of your computer follow the instructions below.

- Remove both the PCI and PCI-e flaps by bending them firmly
- Remove the two screws holding the PCI Bracket
- If you want to use a FireWire connector on your motherboard, prepare the FireWire cable of the FloppyDTV as described in the section 1.3.
- Assembly the 3,5" adapter using the screws included in the package



- Connect the included RF-cable to your FloppyDTV receiver as shown in the picture.



- Locate an empty 3.5" Floppy Drive bay and remove the panel cover. Slide the FloppyDTV receiver into the drive bay.
- Connect the power cable of the FloppyDTV receiver with the power supply cable of the computer.
- Connect the FireWire cable as described in section 1.



5. General assembly notes

- Avoid any sharp bend or crushing of the FireWire or antenna cable
- Avoid contact of the FloppyDTV component to any metal or electronic part of the computer. Special care has to be taken to avoid contact to Heat Sinks or Fans in the computer
- Avoid any kind of modification of FloppyDTV not mentioned in this guide