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## Update the aston module using the topfield PVR

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Version	Date	Nombre de pages
1.02	16/12/05	8

**Nom du fichier :** Update\_module\_with\_topfield.doc

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## 1 HISTORIQUE

Version	Date	Auteur	Description
1.0	14/12/05	M.abramson	First version
1.01	16/12/05	M.Abramson	Second version, corrected after some problem with the first stream.
1.02	28/12/05	M.Abramson	Correction about when the “playback stopped” appears (thank to the user which has informed us).

## 2 INTRODUCTION

The aim of the document is to explain how to use a topfield PVR5000 to update an Aston ‘green led’ DVB-CI module.



### 3 SOMMAIRE

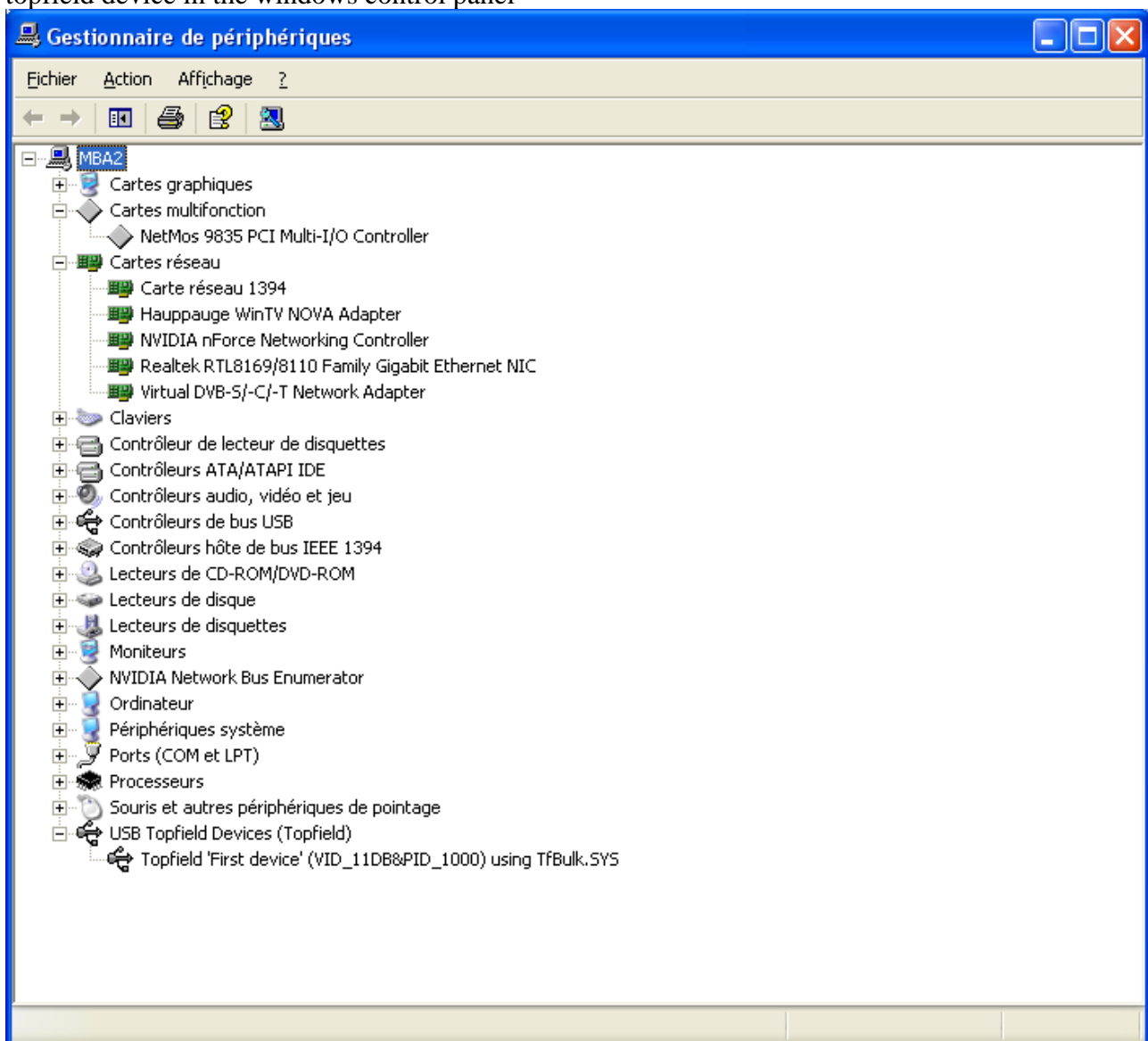
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## 4 INSTALLATION

Install the topfield download usb transfert program (ALTAIR) on your pc  
Altair can be found at the following place

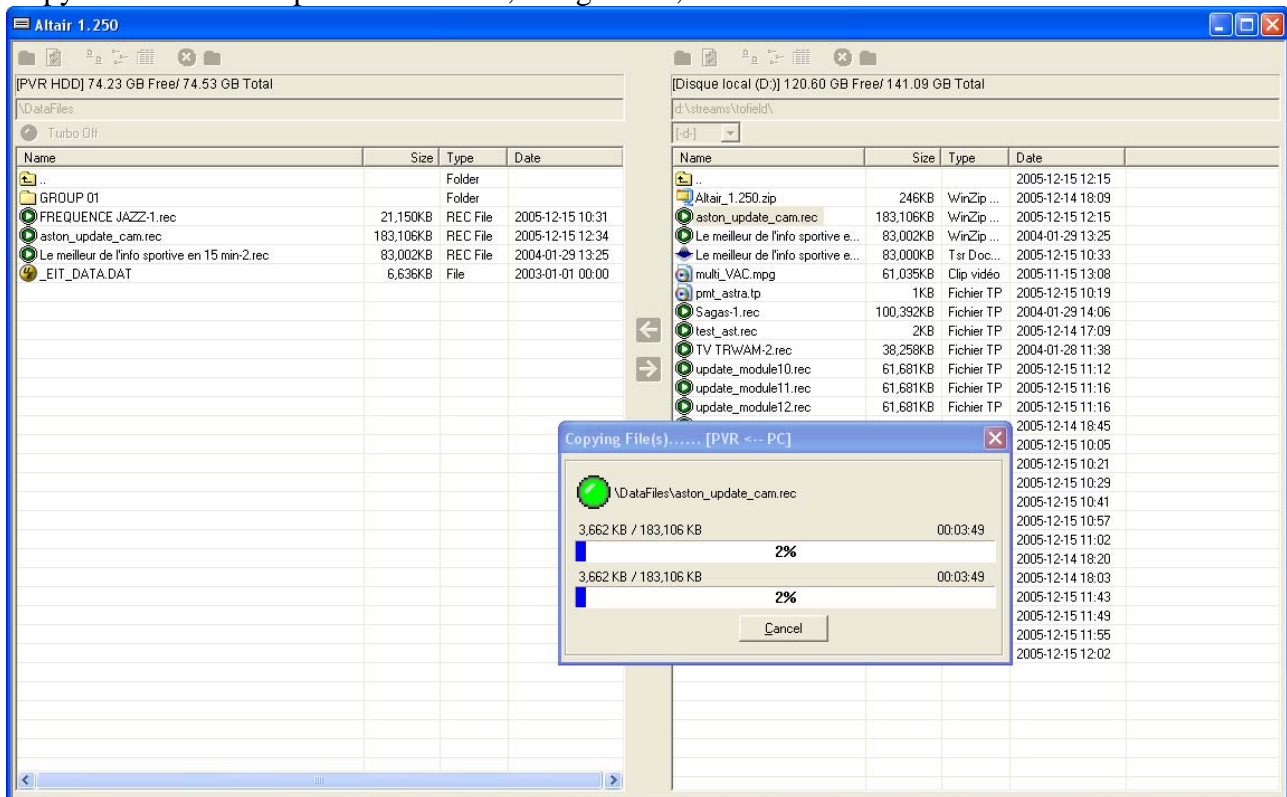
[http://www.topfield.co.kr/data/product/firmware/Altair\\_1.250.zip](http://www.topfield.co.kr/data/product/firmware/Altair_1.250.zip)

Link the topfield PVR5000 and your PC by an USB2.0 cable. Install the driver file (that are located in the altair zip) if the PC does request them. After that, your topfield shall be recognised as an USB topfield device in the windows control panel



unzip the zip file provided by Aston in your pc. This will create a .rec file.

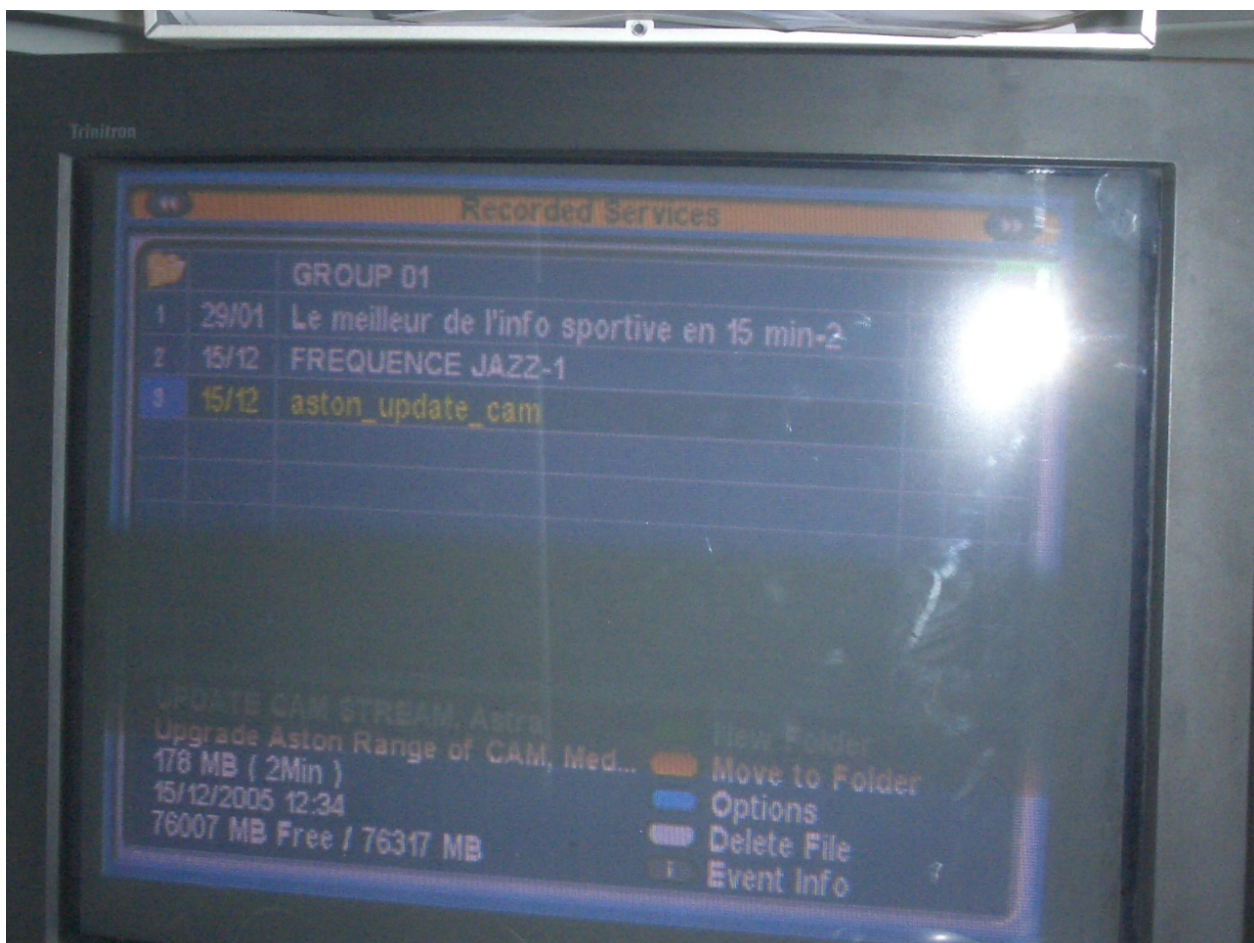
Copy this file to the topfield hard drive, using Altair, like that.



## 5 UPDATE

Insert the module to update (even 2 at the same time) in the topfield CI interface  
WAIT 10 S.

Select the PVR “recorded service” menu by pressing the “file list” key on the remote control unit.  
Select the file you have previously copied to the topfield



a black screen shall appears, as if you are trying to see a crypted program without having the corresponding smart card in the module.

Wait until the message “playback stopped” appears (this is the end of the stream ).

Then , goes to the main menu, and then to “common interface”. Don’t select any common interface, just stay here.



In about 10 s, the message “downlod completed at xx % (estimated remaining time: ZZ:ZZ) “ shall appears , and shall be redisplayed periodically, as for a normal on the air download.

