CLUB-MASTER

User Guide

International

BRICON nv

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The BRICON CLUB-MASTER is intended for the electronic recording of racing pigeons.
The BRICON CLUB-MASTER should only be used for the purpose that it is intended.
Protect the BRICON CLUB-MASTER against water and extreme sunlight and temperatures.

Modifications reserved.

⚠️ # <u>Important</u>

- **Position the club-master at least 1 metre away from another master.**
- **Maintain at least 0.5 metre distance between the clock and the club-master**
- **Install the club-master at least 1 metre from a monitor.**
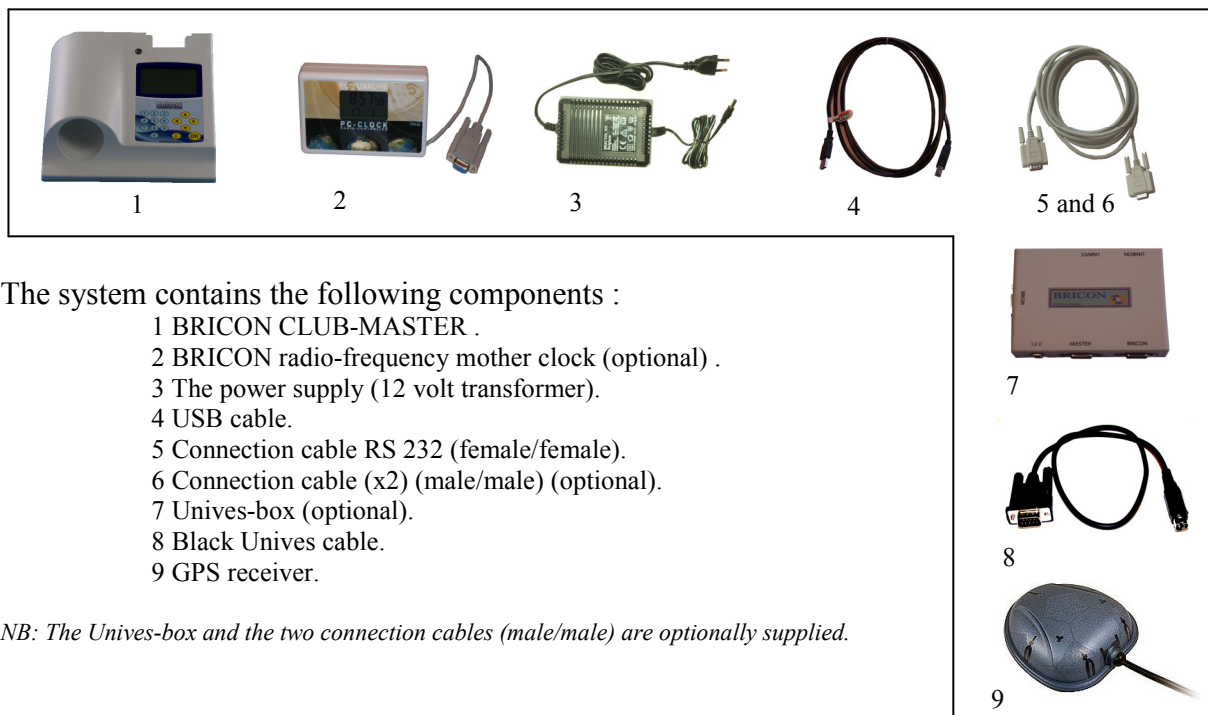

Contents:

1. Installation.

1.1. Foreword.
Thank you for your confidence in BRICON.
This manual will give a detailed explanation of the functions of the BRICON CLUB-MASTER.
The CLUB-MASTER is to be permanently situated at the organisation. The ETS (clock) is the equipment of the fancier, which must be present at the basketing and read out of races.

1.2. Components of the BRICON CLUB-MASTER System.

The system contains the following components :
  1 BRICON CLUB-MASTER .
  2 BRICON radio-frequency mother clock (optional) .
  3 The power supply (12 volt transformer).
  4 USB cable.
  5 Connection cable RS 232 (female/female).
  6 Connection cable (x2) (male/male) (optional).
  7 Unives-box (optional).
  8 Black Unives cable.
  9 GPS receiver.

NB: The Unives-box and the two connection cables (male/male) are optionally supplied.

1.3. Schematic of the BRICON CLUB-MASTER.

or

for connecting
other brands of ETS.

2. Assembly of the CLUB-MASTER.

2.1. The BRICON CLUB-MASTER.

Speedy

Speedy docking station

Display

Keyboard

Unives/Bricon connection

SD Memory slot

PS/2 keyboard /GPS

USB-connection/ PC connection

Power supply

Printer connection

Radio-frequency mother clock/ gps
Serial connection
PC connection
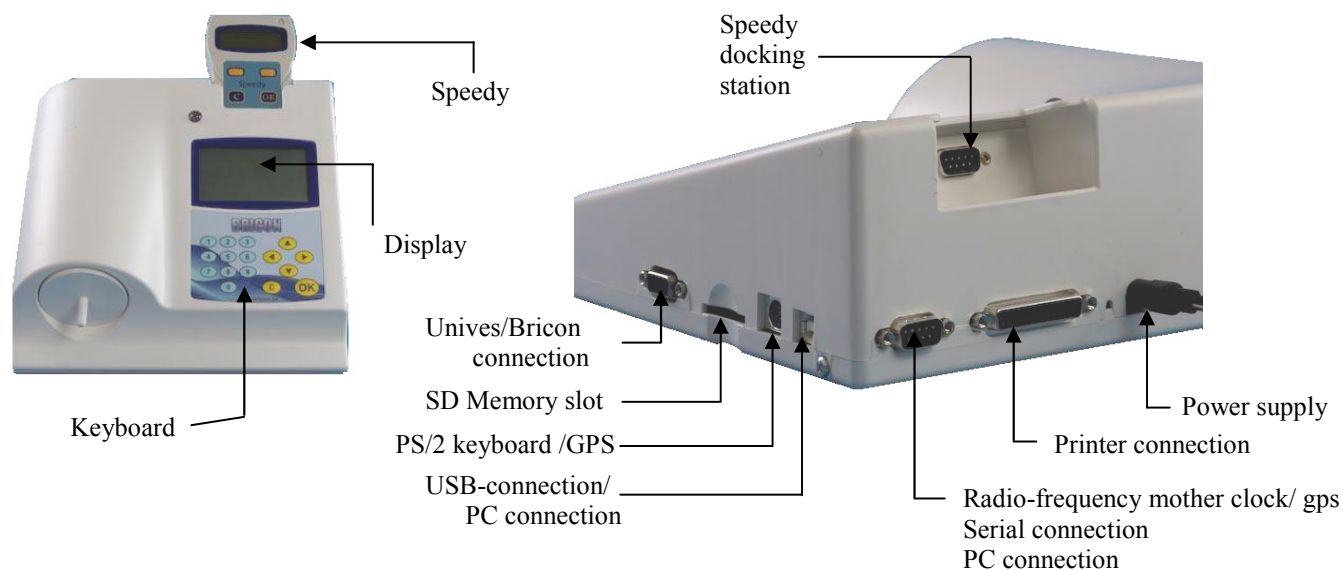
2.2 The BRICON UNIVES-BOX (Optional).

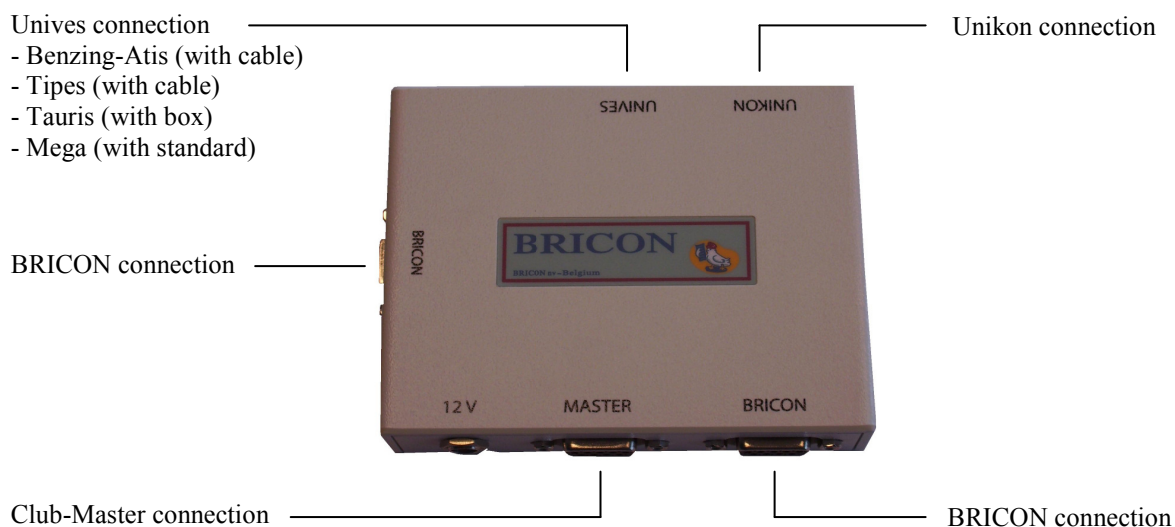The Bricon Unives-box allows other ETS brands to connect to the Bricon Club-Master, having connections for Benzing-Atis, Tipes and Unikon.
It is possible to connect Bricon clocks directly to the Club-Master without using the Unives-box.

Unives connection
- Benzing-Atis (with cable)
- Tipes (with cable)
- Tauris (with box)
- Mega (with standard)

Unikon connection

BRICON connection

Club-Master connection

BRICON connection

A Black Unives cable may be supplied as an alternative to the Unives-box.

2.3. The BRICON UNIVES-BOX connection (optional).

A Bricon Unives-box is connected to the Bricon Club-Master using the cable (male/male) provided. This cable will provide the Unives-box with power, therefore it is not normally necessary to connect the Unives-box with a power supply. Under some circumstances however it may be necessary to connect a power supply to the Unives-box due to the high power consumption of some brands of ETS.

2.4. Connecting the ETS clock.
You can connect other brands of ETS clock to the Bricon Unives-box, using the necessary cables as supplied by each particular brand of ETS. For Bricon clocks all cables are provided and the Speedy clock also has its own docking station on the Bricon Club-Master.

2.5. The Printer.
A printer is necessary to print the basketing and clocking lists. You can use any DOS-compatible printer (with a language of PCL5 or 6) but please note that Windows/USB printers are not compatible. Use a standard parallel printer cable to connect the printer to the Bricon Club-Master.

2.6. The PC.
You can use any PC equipped with Windows XP or higher to communicate with the Club-Master.
The PC is connected with the Bricon Club-Master by a serial RS-232 null-modem cable.
The null-modem cable can be recognised by the 9-pins female connection on both sides.
It is also possible to connect the Bricon Club-Master to the PC using the USB cable provided.

2.7. The BRICON radio-frequency mother clock.
The Bricon mother clock is a radio-frequency controlled clock that automatically synchronises with the radio-frequency time signal transmitted by the National Physical Laboratories in Cumbria.
The master checks that the mother clock is synchronised with the time signal and if the clock has no reception from the time signal (no antenna mast showing on the display) it will not synchronise.
Enclosed spaces such as armoured concrete and metal will disturb the signal. For this reason the mother clock should always be kept in a place where you can receive the signal, the most suitable being near to a window. By inserting an object into the reset button on the back of the mother clock, the clock will search for the time signal once again. You will see 3 or 4 lines and after a period 5 minutes the mother clock should have reset. Do not hold the mother clock in your hand during the synchronisation because this will cause disturbance to the signal. *If possible it is recommended to check that a signal is being received by the mother clock, a number of hours before both the basketing and race checking..*
The mother clock is provided with 2 AAA batteries. Open the clock with a small screwdriver
(2 screws) and place the batteries. Depending on the type of batteries, the life span is approximately 2y.

2.8. GPS receiver.

Synchronisation with the « GPS – Module »

Start up the Bricon Club-Master.
Select menu-option **" 6. Set Time "**
Press **< OK >**
The following new menu is shown.
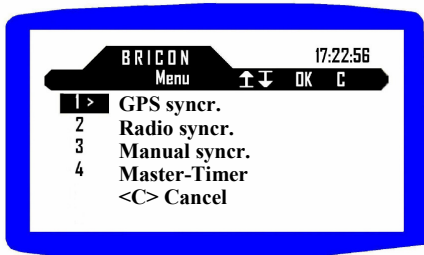
Not all of these options are active, i.e. the **"Manual synchr."** is only active for those countries where manual setting is allowed.
Press **< 1 >** to activate the GPS setting.
The following message then appears:

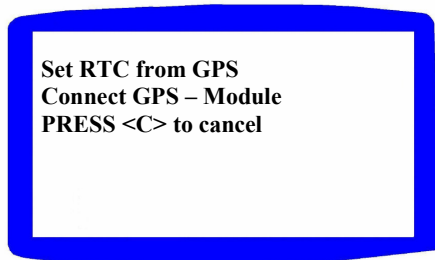

Fig. 1   Fig. 2   Fig. 3

The module has two connectors (RS232 and PS2). Connect the RS232 to the back of the Master (where you would normally connect the HKW or PC-cable) and connect the PS2 into the left hand side of the master. The PS2 provides the power.

Advice: Have the PS2 and GPS connected when you start up the master (fig 2), as the module is then powered-on and immediately commences searching for the satellites(fig 2).
Now connect the RS232 from the GPS – Module, but not before the above message is displayed because otherwise this connection will activate the automatic PC-communication (fig 3).
Press **< C >** if you want to cancel the operation.

The GPS - Module has a red light indicating it's activity.
    - No red light   No power (check the connections)
    - Continuous red light   Module powered but no connection with the satellites.
    - Blinking red light   The module is reading the satellites and is ready for time setting.

Press **< OK >** once the GPS - Module is reading the satellites.
The message changes and shows the time after a short while. If it takes too long, repeat the procedure:
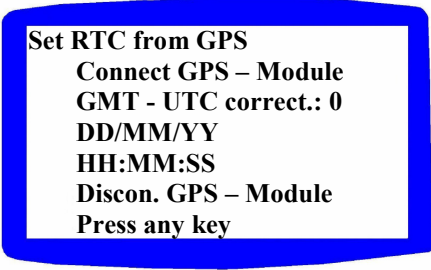

Red light

```
Set RTC from GPS
    Connect GPS – Module
    GMT - UTC correct.: 0
    DD/MM/YY
    HH:MM:SS
    Discon. GPS – Module
    Press any key
```

Now disconnect the RS232 connection of the GPS – Module.

Press any button on the keypad of the master to start the printing of the synchronisation sheet.

Somme country's have more than one time zone

Set RTC from GPS
    Connect GPS – Module
    GMT - UTC correct.: 0
    DD/MM/YY
    HH:MM:SS
    Discon. GPS – Module
    Press any key

Then it is possible to fill in the time difference

The master will calculate automatic the time difference

2.8. The Gender.

The gender cable is used to change a 9-pin female connector to a 9-pin male.
There are three gender cables provided.

3.0. PC-SOFTWARE.

You must provide the clocks with a link table (a list of the association ring numbers of the pigeons that   are to be raced, each linked to a chip ring) before you can basket a pigeon. You can make a link table with the Club-Master using the PC-software. This software is free provided on a CD, but can also be

obtained free on the Bricon website at www.bricon.be.

Install the BRICON CLUB EDITOR (BCE) link program, and the CD will start automatically after which the instructions should be followed. The program will operate under Windows 98/ME, but is designed for use with XP and Vista. If your computer is connected to the internet, you will automatically receive the latest version, but when operating under Windows 98/ME you must download the updates   manually. After the installation a BCE icon will appear on the desktop of your computer. You can start the Bricon Club Editor software by double clicking on the icon.
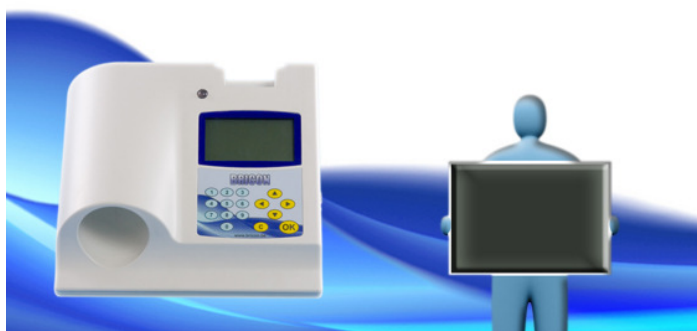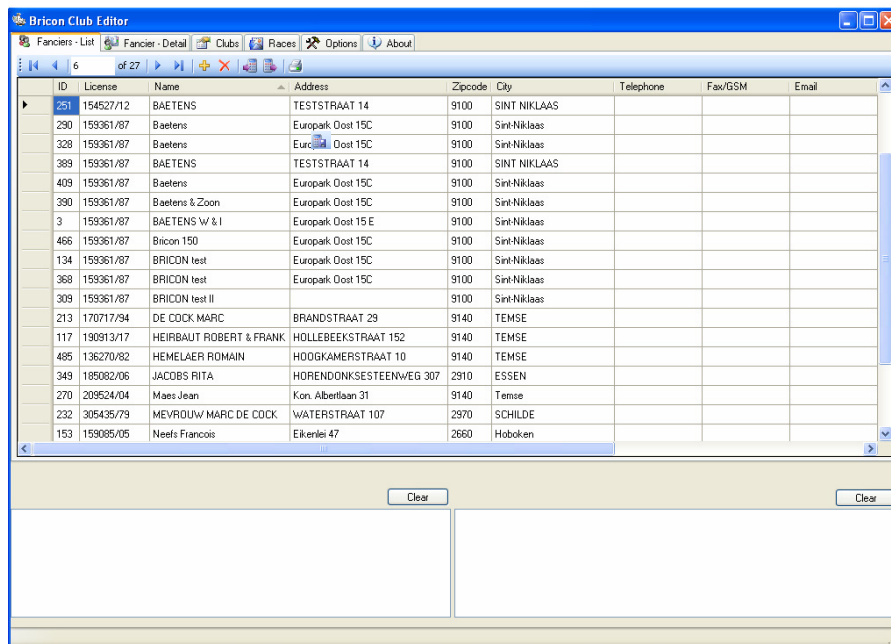
3.1. Starting the BRICON CLUB EDITOR (BCE).

When you start the BCE programme, you will see the following screen (but without the info added).
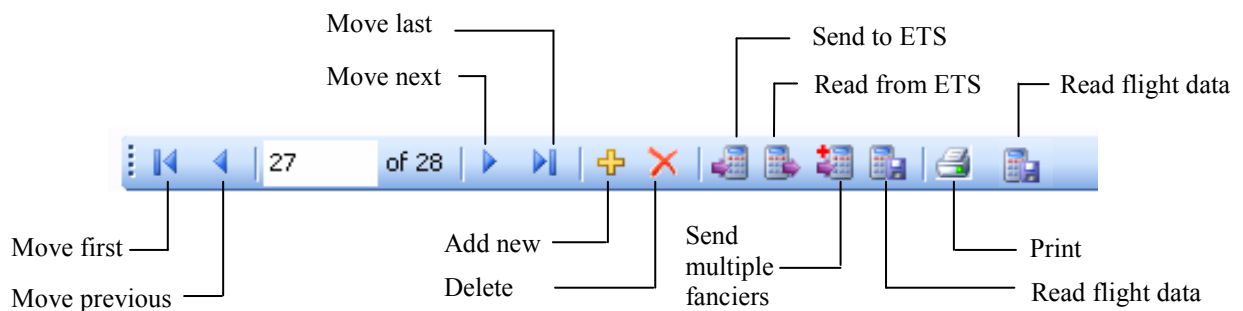
Connect the Club-Master with the USB or serial cable (see page 14). The software reads the language and country code from the master. This is important to avoid wrong input.

- At the top of the screen you will see six main work sheet sections.

- With the icons featured below, you can perform the following functions:

3.2. Fancier - List.

-ID : Reference number in BCE.
-Loft number : Loft number of the fancier.
-Name : Name of the fancier.
-Address, Postcode, City, Telephone, Fax/GSM, Email, Bank account : The data of the fancier.
-Coord X, Coord Y: The loft co-ordinates of the fancier (latitude and longitude).

The members of the club that have been entered into the system will appear on the list.
By clicking on the heading of a particular column you can sort the list into alphabetical or numerical order according to the information in that column, ie the ID, licence, name, address, postcode, etc ...
If you click on the column once again it will re-sort the list from high to low (or reversed)

Read from ETS :

Select or enter a fancier.
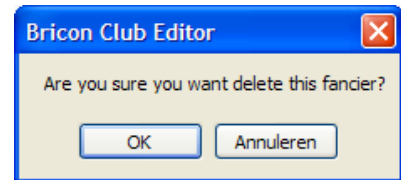BCE automatically processes the received data.

Upon activation and reading the ETS clock,
the BCE checks the serial number of the clock.
If the number is not present BCE will ask for the fancier to be added.
If the serial number exists, BCE will ask to overwrite the data with that received from the ETS clock.

Here you can see the communication with
the ETS. If you see such an announcement
then the communication has been achieved.

Delete fancier :

The selected fancier is erased if you confirm with <OK>.

Add new fancier :

Here you can add a fancier (see new fancier).

Automatically load fancier data :

Select no fancier. BCE automatically selects the right fancier from the ETS by the serial number.

Send multiple fanciers to ETS :

It is possible for up to 3 fanciers to fly with the same ETS clock, and for their data to be sent to the clock at the same time. Press send multiple fanciers and select the fanciers.
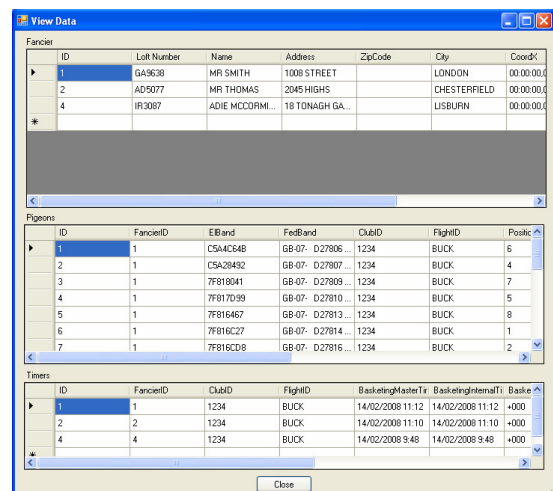
Read flightdata :

A club can read the fancier data for a certain flight.
Fill in the clubID and the flight ID (fig 1), and press read flightdata and BCE will make a xml file.
This xml file can then be viewed in previous read outs (see fig2).
In options you can modify the file location. The xml file can be used to export to another programme.
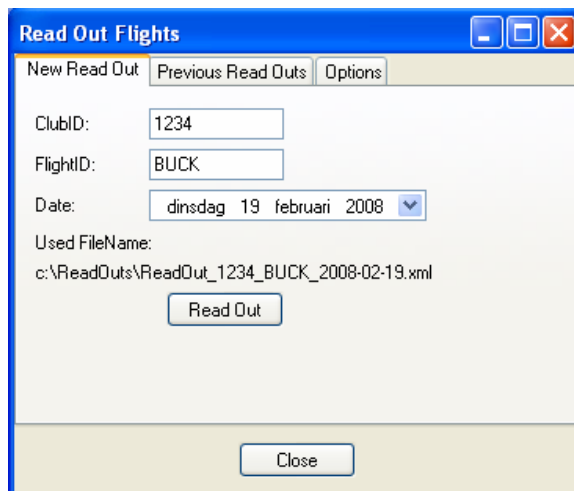
Print :

Here you can print the lists.

To get the necessary serial number onto the list, you must send the club ID whilst in the 'Club' section (see page 12) to the master.
The serial number from the master is then filled in and saved in the field.

3.3. Fancier - Detail .

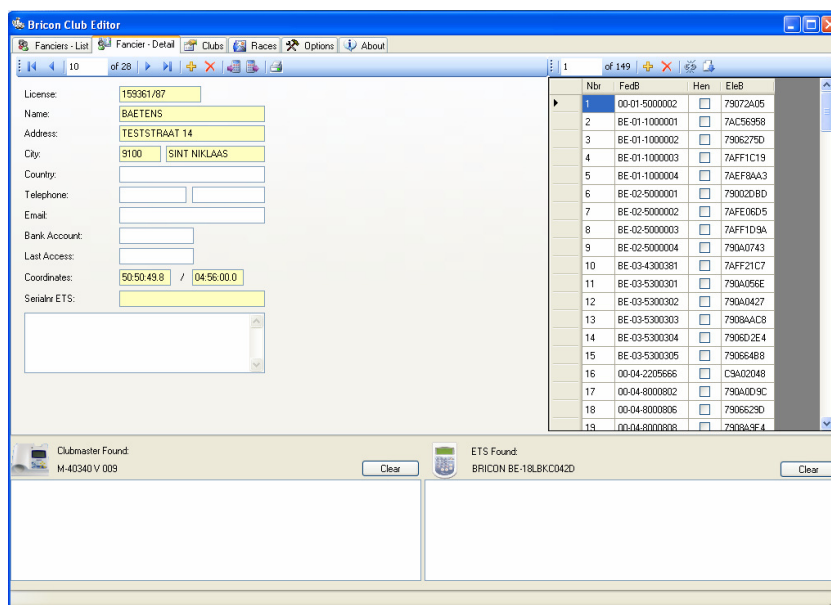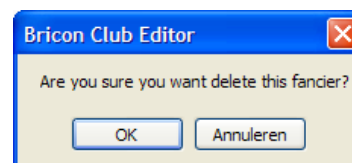This screen shows the details of the selected fancier. The information that is to be sent to the ETS is located in the yellow fields. The other fields are for information purposes only for the club.
On the right side of the screen you see the link table (list of ring numbers linked with the chip ring).
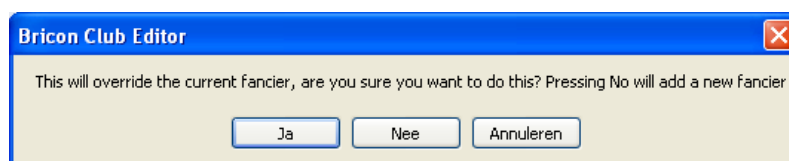

Delete fancier :

The selected fancier will be erased if you confirm with <OK>

Add new fancier :

Here you can add a fancier (see new fancier).

Read from ETS :

When reading from the ETS clock, by choosing the 'Yes', the data stored on the BCE program will by overwritten. If you select 'No' a new fancier will be created for the data.
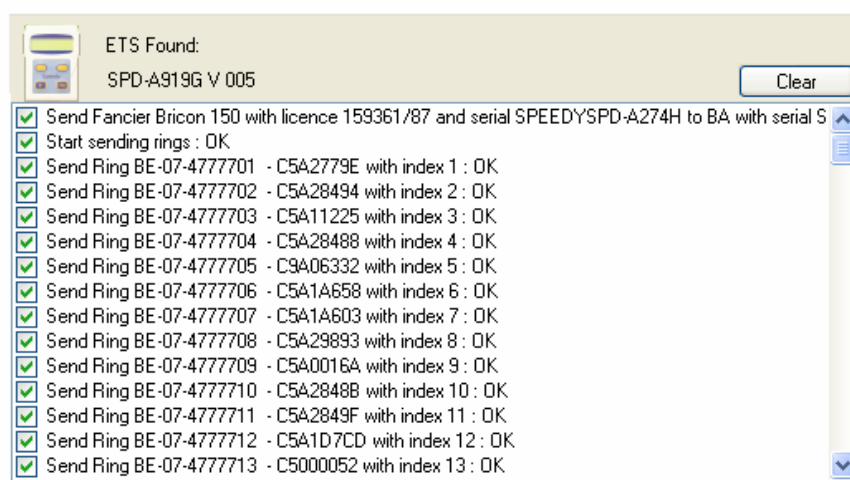
Print list :

Print fancier data with link table.

Send To ETS :

The selected fancier is sent to the ETS.

Attention: When the link table is sent to the ETS, all of the old data on the clock will be overwritten and will be permanently lost.

ETS Found:

SPD-A919G V 005

Clear

☑ Send Fancier Bricon 150 with licence 159361/87 and serial SPEEDYSPD-A274H to BA with serial S
☑ Start sending rings : OK
☑ Send Ring BE-07-4777701 - C5A2779E with index 1 : OK
☑ Send Ring BE-07-4777702 - C5A28494 with index 2 : OK
☑ Send Ring BE-07-4777703 - C5A11225 with index 3 : OK
☑ Send Ring BE-07-4777704 - C5A28488 with index 4 : OK
☑ Send Ring BE-07-4777705 - C9A06332 with index 5 : OK
☑ Send Ring BE-07-4777706 - C5A1A658 with index 6 : OK
☑ Send Ring BE-07-4777707 - C5A1A603 with index 7 : OK
☑ Send Ring BE-07-4777708 - C5A29893 with index 8 : OK
☑ Send Ring BE-07-4777709 - C5A0016A with index 9 : OK
☑ Send Ring BE-07-4777710 - C5A2848B with index 10 : OK
☑ Send Ring BE-07-4777711 - C5A2849F with index 11 : OK
☑ Send Ring BE-07-4777712 - C5A1D7CD with index 12 : OK
☑ Send Ring BE-07-4777713 - C5000052 with index 13 : OK

Detail link table :

Delete Ring ——————   —————— Read Ring

Add new Ring ——————   —————— Generate Rings

Nbr	FedB	Hen	EleB	Color
1	B -78-123456	☐	C5A27806	
2	NEHU-08- 34567890	☑	7F816C27	GREE
3	NEHU-08- 34567891	☐	C5A38781	BLAC
4	NEHU-08- 34567892	☑	C5A23F33	RED2
5	NEHU-08- 34567893	☐	C5A4C64B	RED
6	NEHU-08- 34567894	☐	7F816FE2	GREE
7	NEHU-08- 34567895	☑	C5A23F92	YEL
8	NEHU-08- 34567896	☐	7F817D99	BLAC
9	NEHU-08- 34567897	☐	C5A28492	RED2
10	NEHU-08- 34567898	☑	C5A23BF6	GREE
11	NEHU-08- 34567899	☐	7F816B2B	RED
12	NEHU-08- 34567900	☐	7AFE9F57	YEL
13	NEHU-08- 34567901	☐	7F818041	BLAC
14	NEHU-08- 34567902	☐	7AFC2D08	RED1
15	NEHU-08- 34567903	☐	7F8177C8	GREE
16	NEHU-08- 34567904	☑	7F813AE6	RED
17	NEHU-08- 34567905	☐	7F816D22	YEL
18	NEHU-08- 34567906	☐	7F8174A2	BLAC

Colour

Association life ring ——————   —————— Electronic chip ring

```
ERROR: syntaxerror
OFFENDING COMMAND: %ztokenexec_continue

STACK:

-filestream-
true
true
```