

TOPigeon OLR Club Manager and SMS Center User Guide



Including Free Results Program

The Next Generation Timer

11th September 2014

TOPIGEON

TOPIGEON



Support Information

To be informed of the latest updates and manuals please visit

www.topigeon.com

This Manual was updated
based on version
V 6.0 which was released in
September 2014

To check which versions of software you are using go to the setup Tab





Content

Content	4
Getting Start	6
Connection cables	6
Install Club manager software	10
System region and time setting	10
Coordinate data entry.....	11
Data entry	12
Time synchronization	12
Setup	13
Basic Operation	13
Adding new members	14
Editing members.....	15
Adding Member's clock	16
Adding rings	16
Adding multiple-rings.....	17
Basic Clock operation.....	18
Matching.....	19
Marking	21
Create Timer Training	22
Create Timer Race	23
Upload timer result	24
SMS Operation	25
SMS download	25
Race operation	27
Add new race	27
Loft Distance.	28
Race Status	29
Advance Features	29
Manually input external clock	29
Import/Export member birds list.....	30
Reports.....	31
One Loft SMS System	32



GSM module setup	32
SMS program start up.....	34





Getting Start

Welcome to TOPigeon OLR Club manager. You will find this is a very useful tool to help you manage the One Loft Racing system, as well as the SMS center. The key features including,

1. To allow you easily create new member and birds information
2. Quick matching the band ring and e-ring
3. To create Training and Racing activities swiftly.
4. Batch mode import and export to provide easy way to add new member information.
5. Easily print out and sorting for all information in the OLR system.
6. Automatic system backup to secure all information in the system.
7. Manually enter the other clock information for racing result
8. By using TOPigeon SMS center solution the online result can send to each member by SMS.

Before you begin please note that the TOPigeon timer is an sophisticated electronic device and it needs some specific setting in your personal computer. So, please read this chapter and follow the instruction accordingly.

Connection cables

Before you use the club manager firstly check your cable connections with your laptop or personal computer.

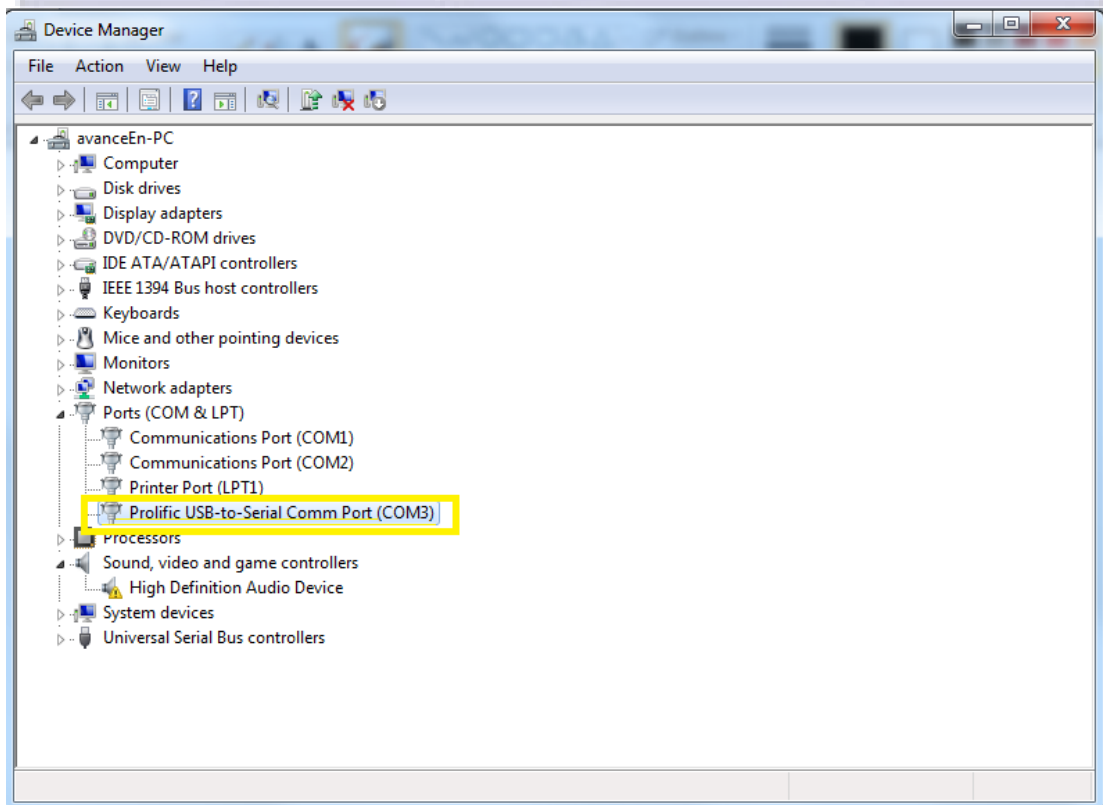
RS-232 cable.

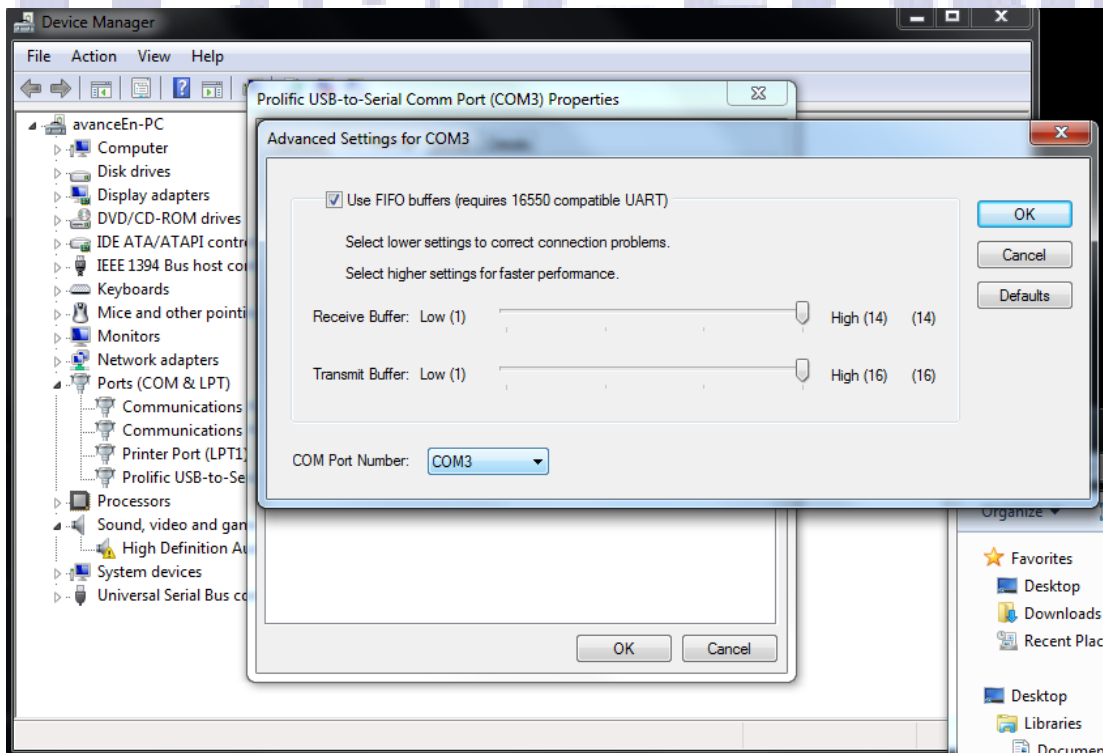
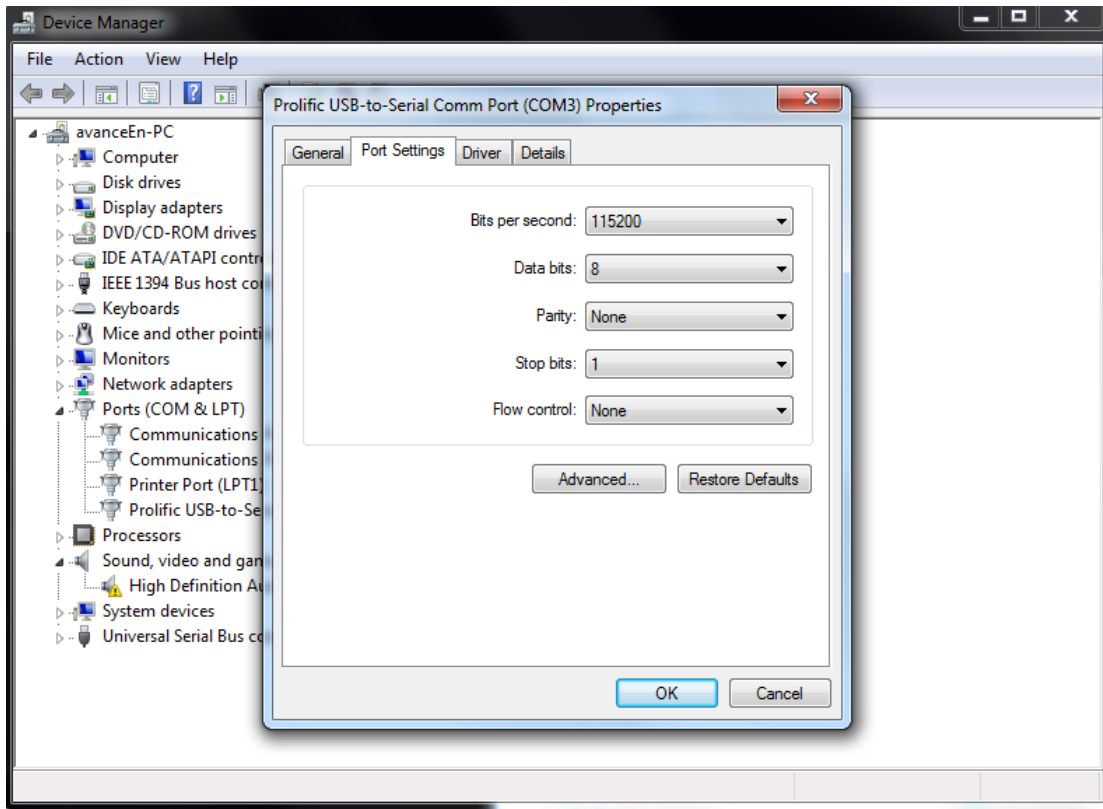
USB to RS-232 convert cable (Option)

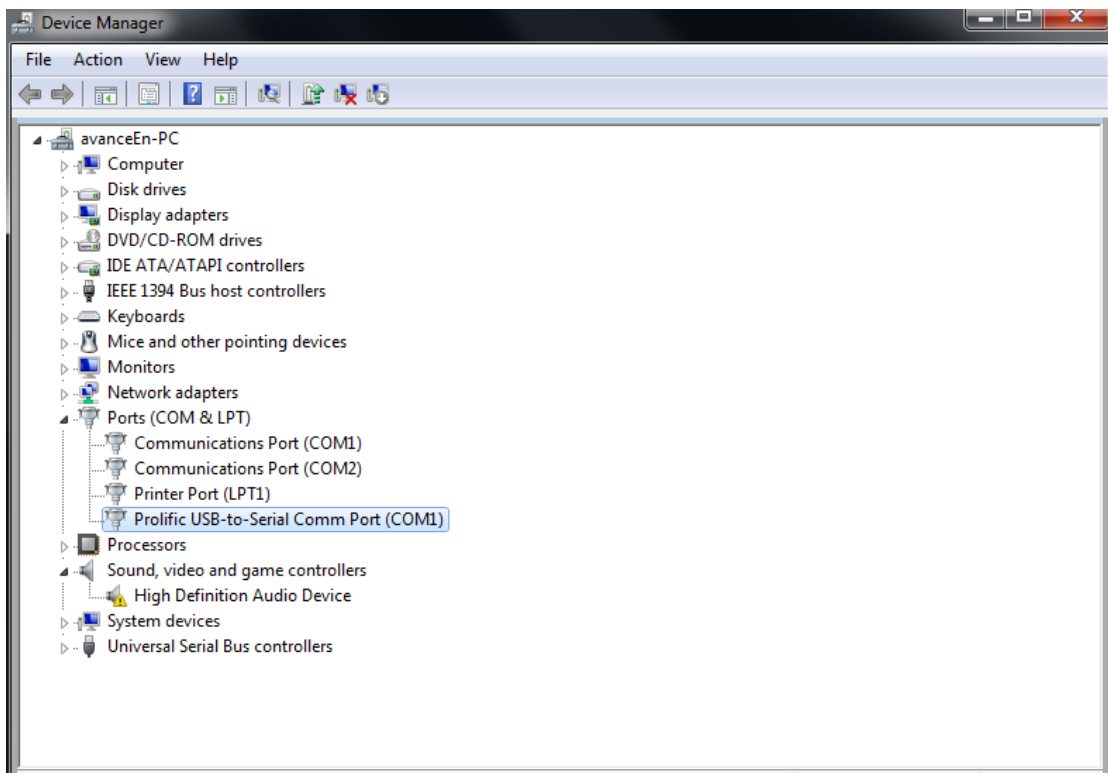
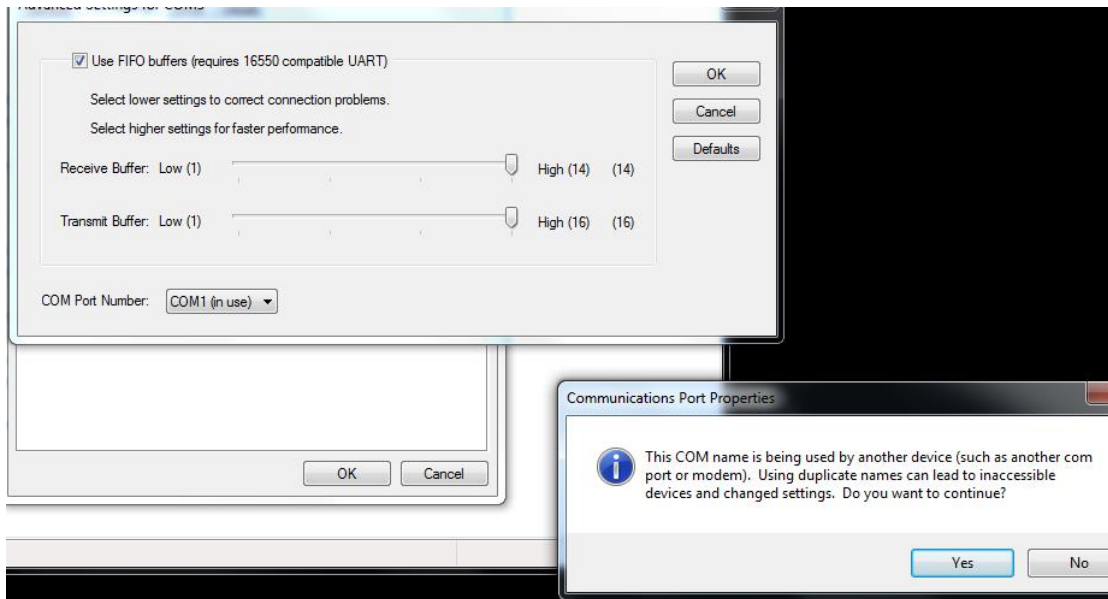


Most of PC now does not provide RS232 port. Then you need a USB to RS232 convert cable. When you installed the USB driver, you will see the Ports setting in the device Manager panel listed of "Prolific USB-to-Serial Comm Port(com X)" .

You have to update the COM3(default) to COM1 by following the step pictures shown below.







If you have multiple USB ports on your personal computer, please remember which port that you are using to connect to the timer. If you connect to the wrong USB port and connection would be fail.

NOTE: If your operation needs to connect to specific device, e.g. , Club antenna or Clock. Please make sure the device already connected before you operate the function. For example before you matching your e-ring you need to connect the club antenna before you check the matching TAB.



Install Club manager software

User Account Control

Double click on the execution file and follow through the instruction until program properly installed. If you are using Microsoft VISTA, WIN7, or WIN8, there is an UAC (user account control) setting will impact the program execution. You can either disable it from user account or run this program as administrator.

INI setting. SYSID#

After you installed the software, please goes to your directory (normally locate at C:\Program Files (X86)\avancetech\Topigeon_Club_Manager), and use notebook program to read the TECS.ini. An example as follows

[Parameter]

CountryRingCode='GB,SU,IHU,WHU,NEHU,NWHU,NL,BELG,DV,FR,SA,PL'
SYSID='1206'

The first Country Ring Code is the system read the country code of your bird life ring from here. You can edit if your country code is not in the list.

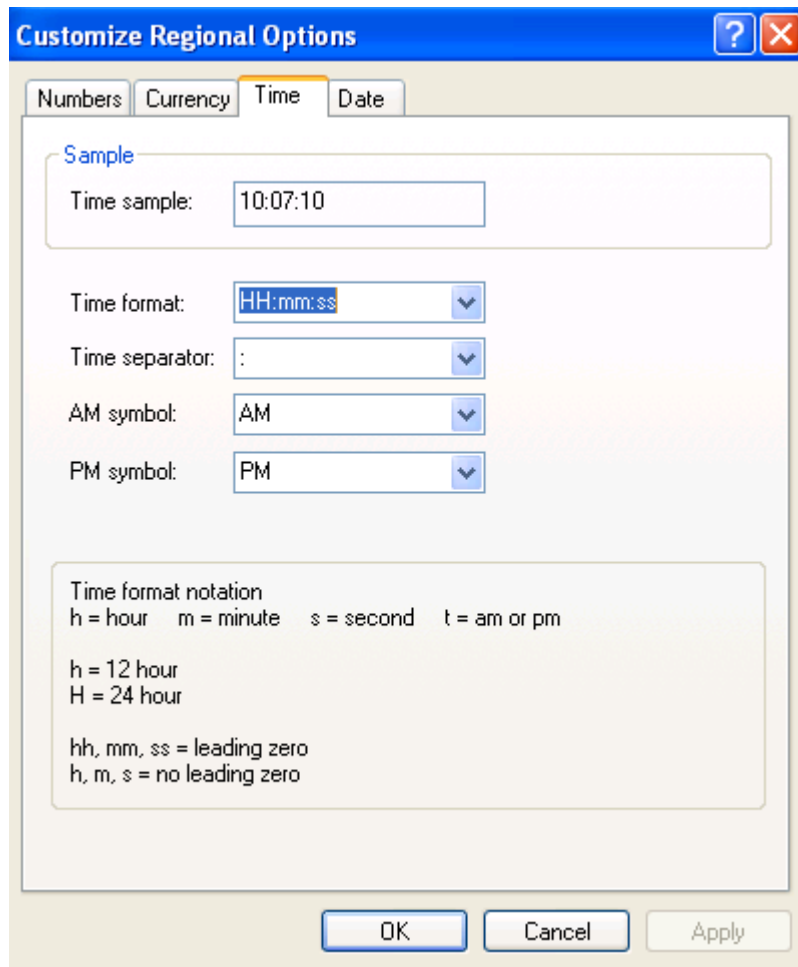
SYSID is the TOPigeon timer internal ID. It is pretty much similar to your club ID.

That is all your members will be the same SYSID. If there is exception, please contact Avancetech for correction. For TOPigeon V5 and V6 timer, please go to "MENU+5+2: Loft information". You will see your clock system ID in the bottom line. Please change the SYSID in the .ini to your clock SYSID.

Note: SYSID needs to set the same, or your clock will not connect to your club manager.

System region and time setting

The Topigeon internal timer is using ISO date/timing system. The standard date/time format is YYYY/MM/DD and HH/MM (24 hours system). No matter what location you are, the formatting will remain the same. You have to customize your personal computer accordingly. Please goes to the region setting on your personal computer's control panel and change the format accordingly, or the software will not response correctly.



NOTE: When you download the Training or Race information to the clock, the system time will be synchronized with your personal computer.

Coordinate data entry

The coordinate data entry is vital in the system if you want to use this tool to help you generate the race result. Please make the best use of the GPS module come with the TOPIgeon package. All member and race information, the coordination is mandatory and cannot leave empty. If you do not have coordination information please enters the dummy data and do not use the race result feature. Please note that coordinate format in the tool cannot be space. For example: N 24°22'3 and the entry should be N024°22:03. Please make sure you have entered the correct coordinate otherwise the race result will be wrong.



Data entry

There are some small TIPS for you to enter the data easier, such as well use of your key board “Tab” Key and “Arrow keys”. For example, there are many fields to fill in. If you finished one field and press Tab key, the cursor will move to the next field. If you enter multiple column data such as coordinate, date, and time. You can move the column by press -> to move to next column.

Time synchronization

The TOPigeon V6 has internal clock and GPS timer adjustment function. If you have not ever connected to this club manager, the GPS signal will update TOPigeon system time automatically. Once you have ever using this version club manager to synchronize your timer, no matter training or race. The System time will be synchronized by this club manager as master time and the timer internal GPS time adjustment feature will turn off. If you want to turn on GPS time synchronize features please contact TOPigeon support.

In the entire timer download modes, the timer will synchronized by the club master time. In the upload mode (result upload) the club system will upload the timer recorded arrival time and will calculate the difference with club master time in the race result.



Setup

When you open the program, first go to the Setup TAB to fill in your Club information. If your club is not in the club abbreviation list please select “custom”. Database automatic backup duration and Mode can be configured. There are meters/minutes and yards/minutes option. Please setup the value according to your club rule.

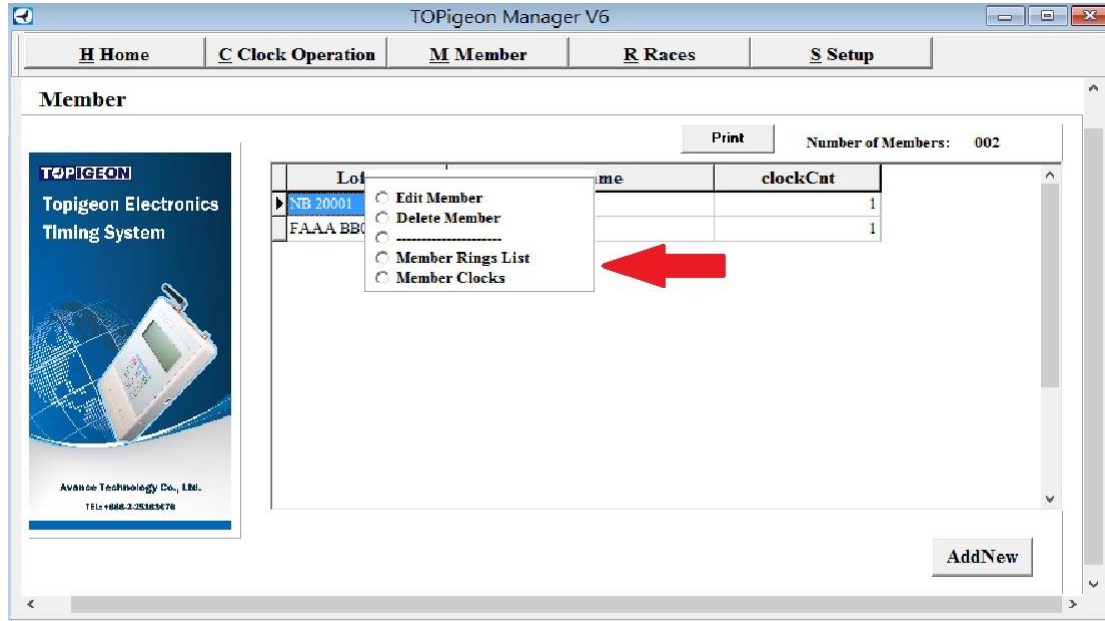
Basic Operation

This software designed in the way for the people not familiar with computer and soon feel comfortable with it. You just follow the top tab buttons to go through all club operation. For all data list, if you click on the top row, the list will be sorted according to the row you click. If you right click on your mouse over a data record, a popup window appears for your further operation options, like delete, add, and edit.



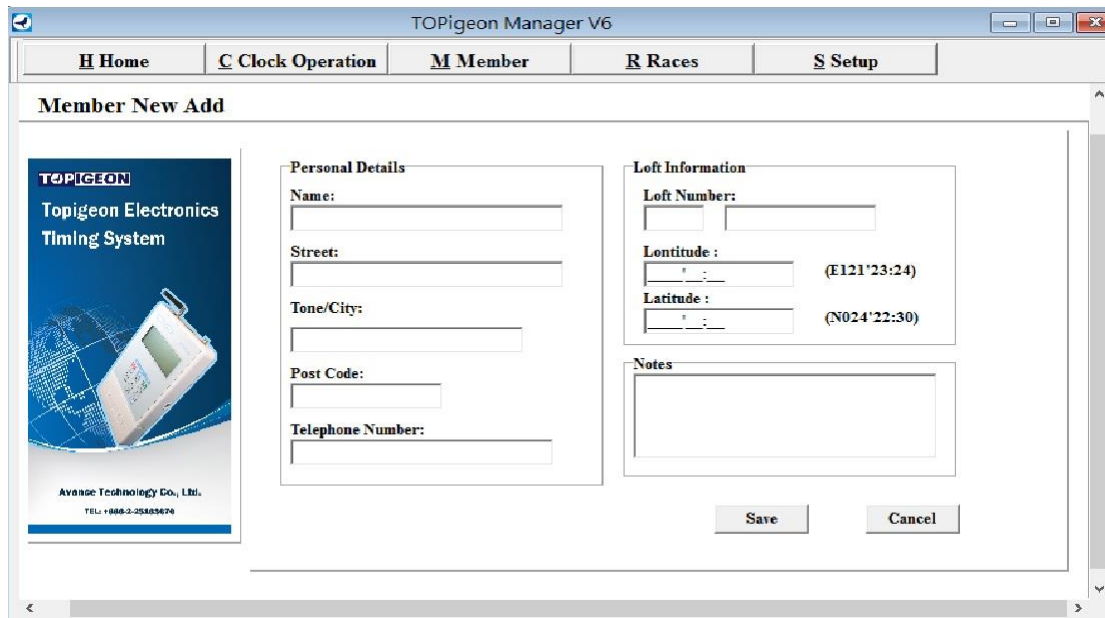
Adding new members

Select the Members Tab at the top of the screen



Use the “AddNew” button to add new members.

Enter your members details. Making sure that you enter there correct loft number.
(The loft number is stored into this members rings later so that the rings could be identified if stolen)



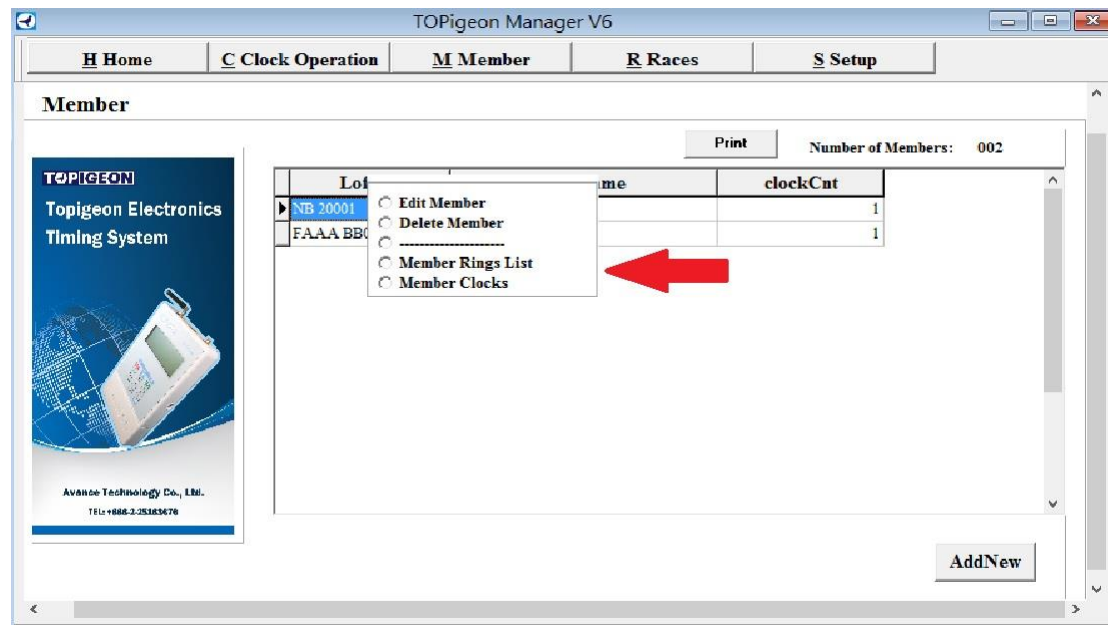
Click Save when you have entered all the information



TIP: The coordination information is mandatory in the system. You can use TOPigeon GPS feature to enter the correct loft coordination information. There will be a great advantage if you enter coordination information in the later operation, such as automatic generate race result or TOPigeon web services, such as member loft monitor, chronical landing information and etc.

Editing members

Select the Members tab



A list of all your members will be displayed

Hold mouse over member you wish to edit, and then press the RIGHT MOUSE BUTTON for options

“Edit Member” to change members addresses or details. “Delete Member” to delete the member from Club Manager

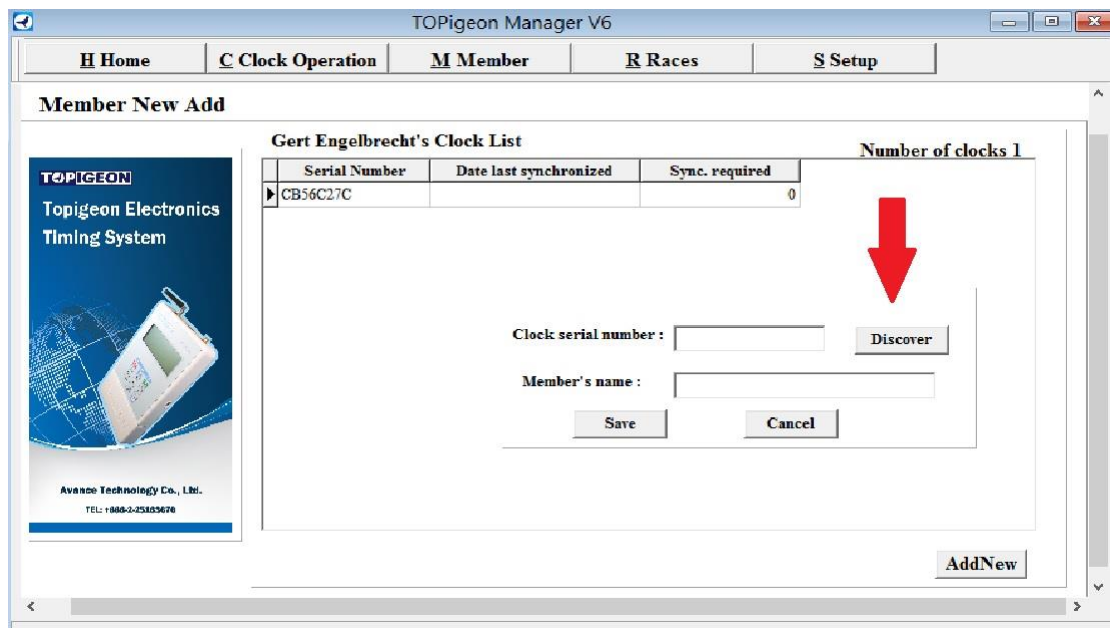
“Members Clocks” to view their Clocks

“Members Ring List” to view their ring list



Adding Member's clock

Please goes to member's clock button and add the clock. Each club member can own multiple clocks for the situation like father and son, husband and wife owning in the same loft. When in member's clock window, select 'AddNew' button. You can see the following window. You can either type in clock serial number manually by looking up your TOPigeon clock "MENU +9 +1" of TIMER ID. You can also connect to the new clock and press "discover" button the new clock serial number will automatically imported. Enter a new member's name and save it.

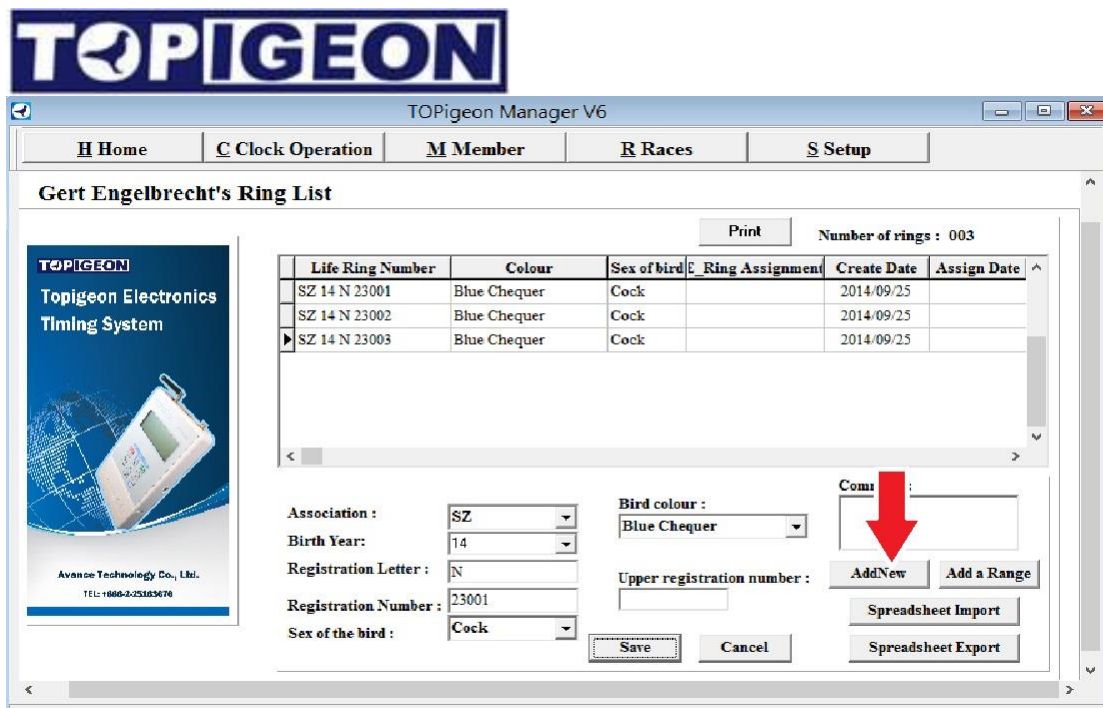


NOTE: you can skip this process and when the first time the clock download or upload to the software this information will be automatic updated.

Adding rings

From the Members screen, if you double click the member line or right click on mouse c and Select "Members ring list" you will come to Add member ring's window as below,

Use the "AddNew" button to add birds.



In the bottom part of the screen select the Association by either using the drop down list or pressing the first letter “G” for example will bring up “GB”

By using the “TAB” key you can switch between the fields. Birth year, Registration Number and etc. Enter the color and Sex if Known. Don’t worry you can come back to this later if incorrect.

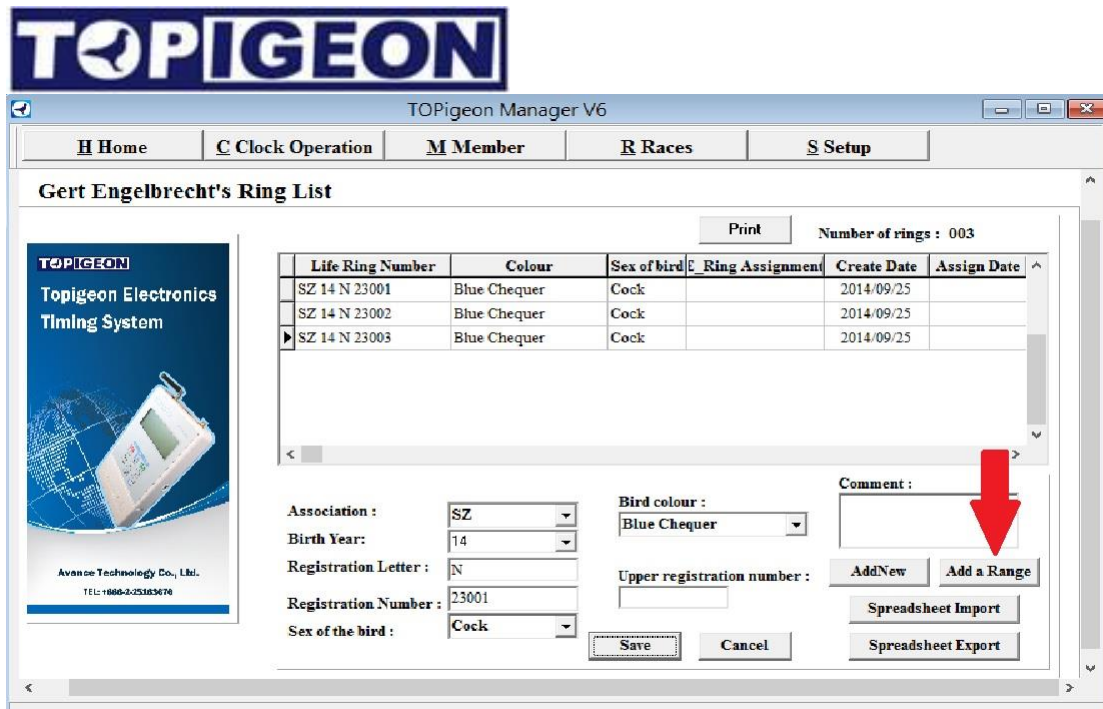
When you have entered the entire relevant information click “Save”

For each ring Click the “AddNew” button to add more.

If you need to edit a ring. Right Mouse click on the ring for options

Adding multiple-rings

One of the nice features of Club Manager is that you can add a certain range of the rings that the member has new each year. Then later delete the ones they are not racing with



To add a sequential number range simply click “Add a Range” and input the number range. The detail of the individual birds can be edited later.

Basic Clock operation

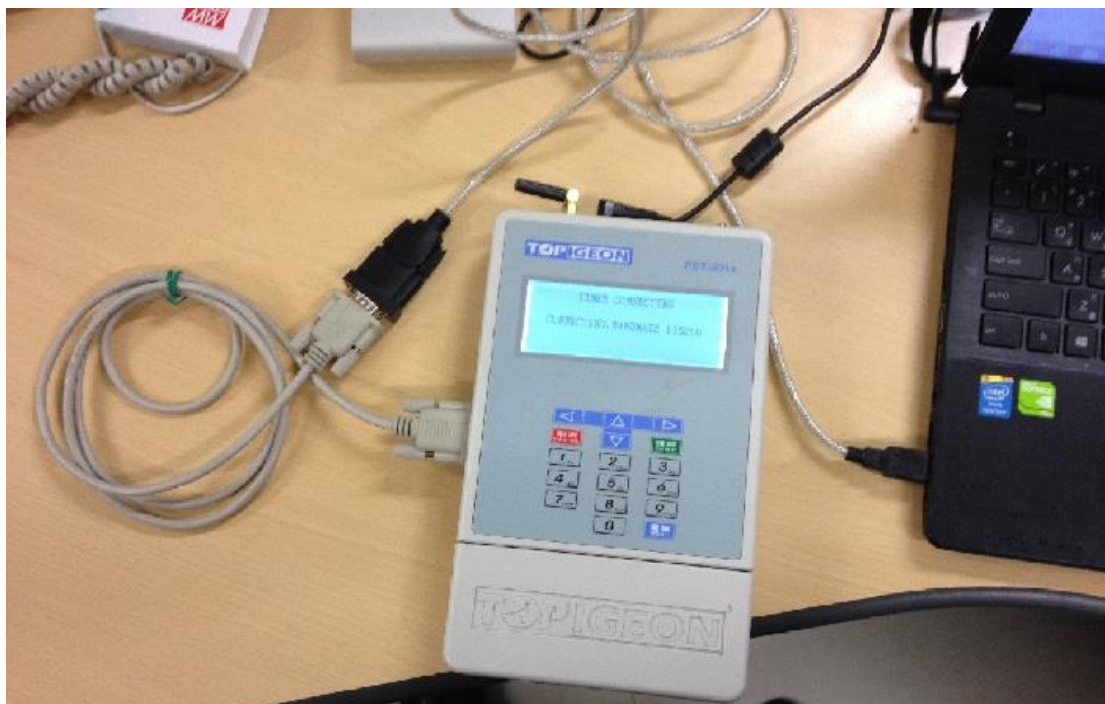
To add a members clock you will need to set up the club system and have their clock to hand. For match and mark operation you need to connect to a TOPIGEON club system (RF reader). If you are using USB to RS-232 cable you can direct connect to the reader as below.





If the Club system not connected properly you will get error or warning message, like this one below.

For Create Timer and Upload Timer operation you will need to connect your clock to the PC.



Please note that if you are using USB-RS232 cable, then you will need to connect to an RS-232 cable converter come with your club to connect to your PC.

Matching

The Club System needs to be setup and connected to the PC (Please refer to the Club Manual for more information).

Go to the Clock Operation Tab and click on the Match Tab. Then select the loft you want to match. All birds information will be listed in the window.

TOPIgeon Manager V6

H Home **C** Clock Operation **M** Member **R** Races **S** Setup


Clock Operation

TOP(GEON)
Topigeon Electronics
Timing System
Advance Technology Co., Ltd.
TEL: +886-2-28452676

Matching | **Marking** | **Create Timer Train** | **Create Timer Race** | **UpLoad Timer Result**

Member	Sex of bird	Association Number	Ring Assignmen	UID	Colour
Gert Engelbrecht	Cock	SZ14N23001	0907524C	0CEBD177	Blue C
Gert Engelbrecht	Cock	SZ14N23002	131F0015	84AF1C7D	Blue C
Gert Engelbrecht	Cock	SZ14N23003	11031659	EB95D477	Blue C

Loft Number :

Registration Number : 

You can either select the bird's registration number (life ring number) from the scroll box below, or type in directly in the box and the box will guide you to find the proper birds to mach. When you select the right registration number on the scroll box or you type in the number and press "Enter" key the reader's green like will start to blink which means the reader is ready to read the ring. You can induce the e-ring to the reader. If reader read successfully, the reader will beep and the e-ring number will match to the bird's registration number.

Please note that the assigned ring will not match again on the same bird, the reader will not response if you try this operation. There won't be any error message because the club system will regard you have not remove your assigned ring from the antenna.

However, you can rematch the birds already assigned to a new ring.

TOPIGEON

Member	Sex of bird	Association Number	Ring Assigmen	UID	Colour
Gert Engelbrecht	Cock	SZ14N23001	0907524C	0CEBD177	Blue C
Gert Engelbrecht	Cock	SZ14N23002	131F0015	84AF1C7D	Blue C
G				EB95D477	Blue C

The window will pop up an warning message “Do you want to re-matching the ring?”. If you press yes, the e-ring will rematch to other bird and the original bird’s will disable the match.

TIP: This is very useful for those open-ring user who want to reuse the ring onto different birds.

Marking

When you hold a race and doing the birds basketing operation, then you need to come to the marking operation. First please click on the Marking tab in the clock operation. You should also need to connect the club system to the PC. Same as Match, if you have not connected you will get the error message.

We will come to How to create a race in the following chapter.

TOPIGEON
Topigeon Electronics
Timing System
Avance Technology Co., Ltd.
TEL: +859-24333920

TOPIGEON Manager V6

Home Clock Operation Member Races Setup

Clock Operation

Matching Marking Create Timer Train Create Timer Race Upload Timer Result

Member	Association Number	Sex of Bird	Colour	LiberCode	LiberDate
AA000001	SA14BB12346	Cock	Black Pied	9001	2014/09/03
AA000001	SA14BB12347	Cock	Black Pied	9001	2014/09/03
AA000001	SA14BB12348	Cock	Black Pied	9001	2014/09/03
AA000001	SA14BB12349	Cock	Black Pied		
AA000001	BELG14-0000015	Hen	Blue		
AA000001	GB14AA000001	Hen	Black	9001	2014/09/01
AA000001	GB14AA000002	Hen	Chocolate	9001	2014/09/01
AA000001	GB14AA000003	Hen	Chocolate	9001	2014/09/01
AA000001	GB14AA000004	Hen	Chocolate	9001	2014/09/01
AA000001	GB14B000000	Hen	Blue	9001	2014/09/01
AA000001	GB14B000021	Hen	Blue	9001	2014/09/01

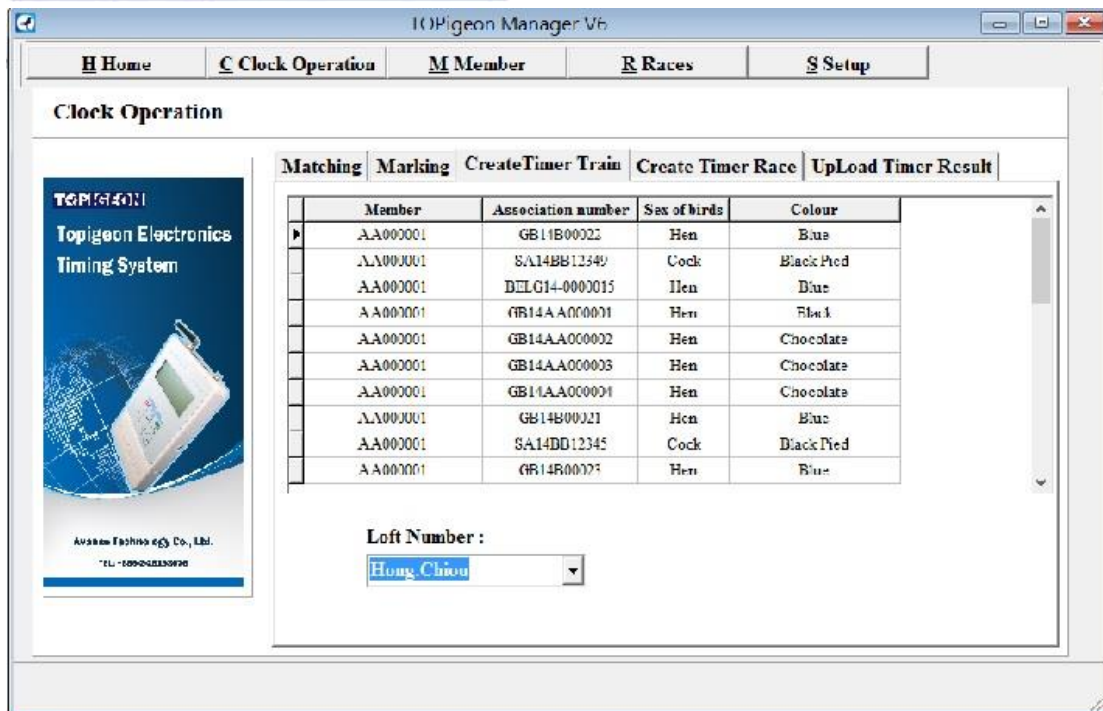
Race Code :
9001 09/03

First select the race code for marking and all birds in your club will be listed in the window. When the bird's e-ring induced by the club system, the liberation code and liberation date will be attached to the bird. When you finish the marking you just leave the tab, system will automatically save to the system. Because each bird you marked system already saves the information.

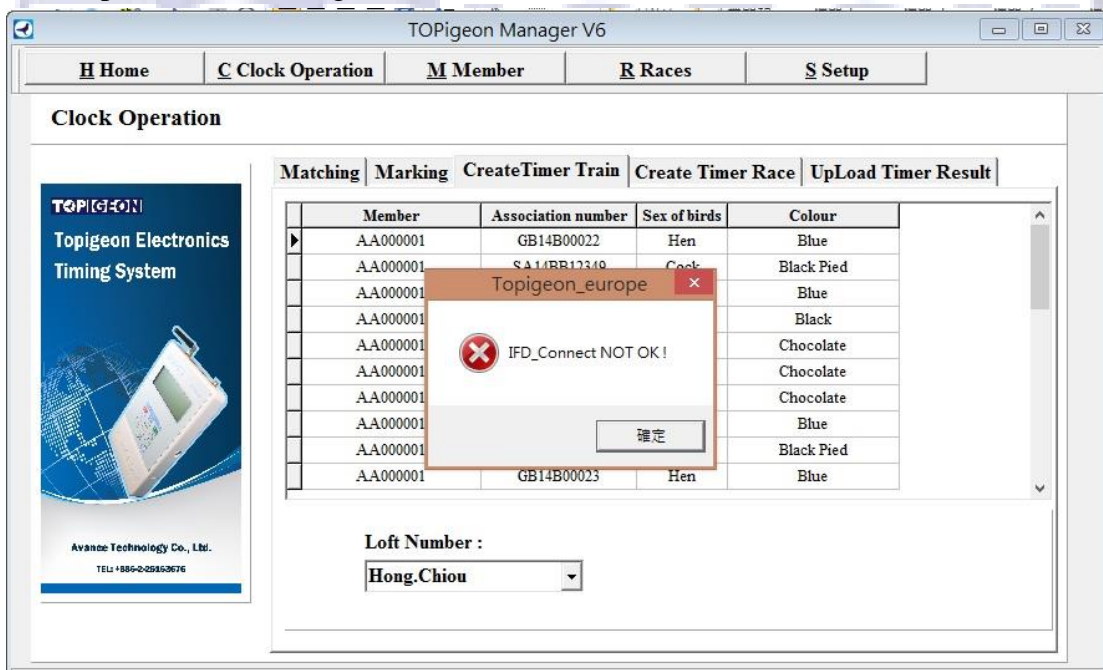
Create Timer Training

This is for your member to strike off a Race and return back to training mode. The operation is relatively easy. You just select the loft number from your club and all birds in this loft will be down load to the clock and reset the mode to training.

TOPIGEON



Please note that after you select the loft number and the system will begin to download the training information to member's clock. If no clock found the system will response error message.



Create Timer Race

This is for club to download race information to member's clock. Click on the create timer race Tab and select proper loft code and race code for the member's clock.

TOPIgeon Manager V6

Home | Clock Operation | Member | Races | Setup

Clock Operation

Matching | Marking | CreateTimer Train | Create Timer Race | UpLoad Timer Result

Member	Association Number	Sex of birs	Colour
AA000001	GB14AA000002	Hen	Chocolate
AA000001	GB14B00020	Hen	Blue
AA000001	GB14AA000004	Hen	Chocolate
AA000001	GB14AA000003	Hen	Chocolate
AA000001	GB14B00022	Hen	Blue
AA000001	WHU14B00017	Hen	Black
AA000001	NEHU14SHOT00016	Hen	Blue Pied
AA000001	GB14B00021	Hen	Blue
AA000001	GB14AA000001	Hen	Black
AA000001	GB14B11111	Hen	Blue Chequer

Race Code : 9001 / 0901
Loft Number : Hong Chiou

When you select properly the system will download automatically. Of course, if no clock connected or fail to connect the error message will be shown.

Upload timer result

When all pigeon return from the training or race, the member needs to bring this clock back to club to upload the result. Click on the Clock Operation Tab and Upload Timer Result.

TOPIgeon Manager V6

Home | Clock Operation | Member | Races | Setup

Clock Operation

Matching | Marking | CreateTimer Train | Create Timer Race | UpLoad Timer Result

Pos.	Member	Pigeon	Clocked	Fly Speed	Flying Time	Dist.
1	AA000001	GB14B11112	12:00:05	125.806	28:55:3	218,280
2	AA000001	GB14B11111	12:00:10	125.800	28:55:8	218,280
3	AA000001	GB14AA000001	15:18:03.917	104.142	34:55:59	218,280
3	AA000001	NEHU14SHOT00016	15:18:09.728	104.142	34:55:59	218,280
3	AA000001	GB14B00022	15:18:07.917	104.142	34:55:59	218,280
3	AA000001	GB14AA000003	15:18:05.717	104.142	34:55:59	218,280
3	AA000001	GB14AA000004	15:18:13.185	104.142	34:55:59	218,280
3	AA000001	GB14B00020	15:18:11.446	104.142	34:55:59	218,280

Race Code : 9001 / 0901 Print



You do not need to select anything when you connect member's clock. The system will automatically upload to the system.

SMS Operation

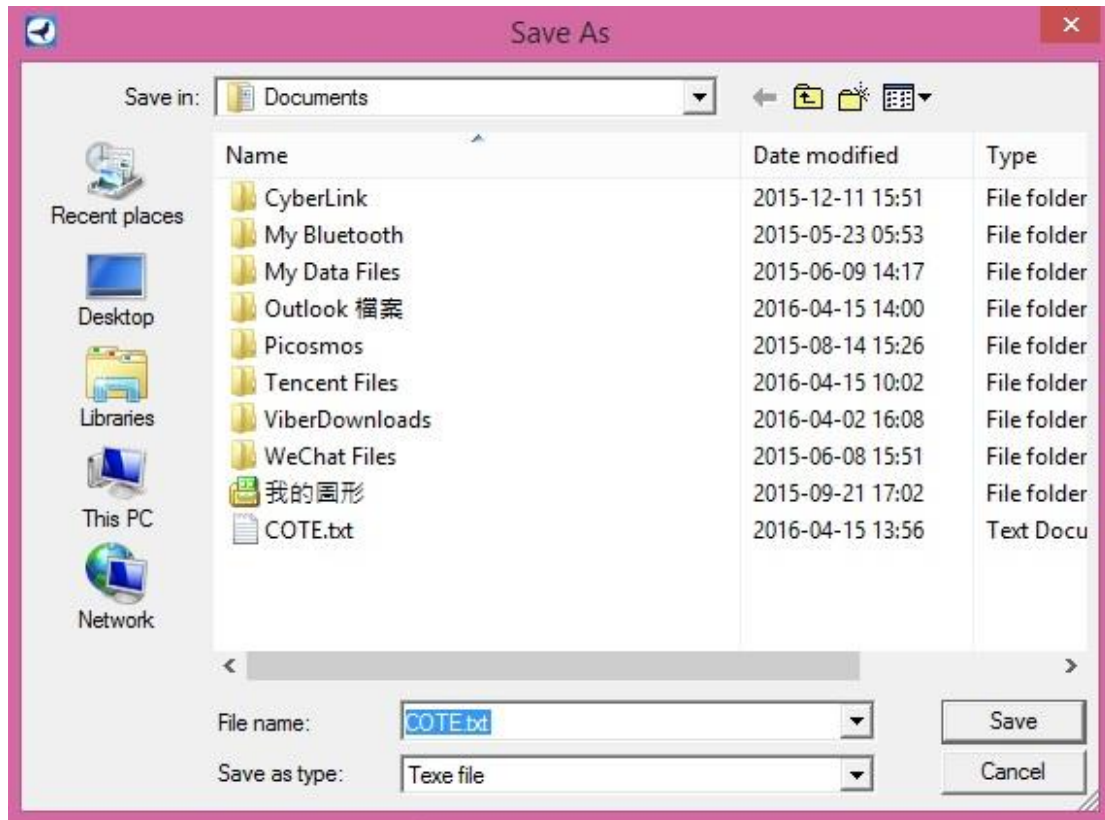
SMS download

SMS operation needs to generate 3 files to upload to the SMS applications, COLE.txt; RING.txt and TOPGKEY.txt. COLE.txt is the member information, RING.txt is the rings information and TOPGKEY.txt is the race information. You can simply select the race you want to generate and all 3 files will be generated accordingly. To make sure your SMS operation successfully you can also open these file to double check. In the SMS program section will be introduced how to use these files.

The screenshot shows the TOPIGEON software interface. At the top, there is a navigation menu with options: Home, Clock Operation, Member, Races, and Setup. The 'Clock Operation' section is active, and within it, the 'SMS Download' tab is selected. On the left, there is a sidebar with a product image of a timing system and the text 'Topigeon Electronics Timing System' and 'Avance Technology Co., Ltd. TEL: +886-2-25352676'. The main area contains a table with the following data:

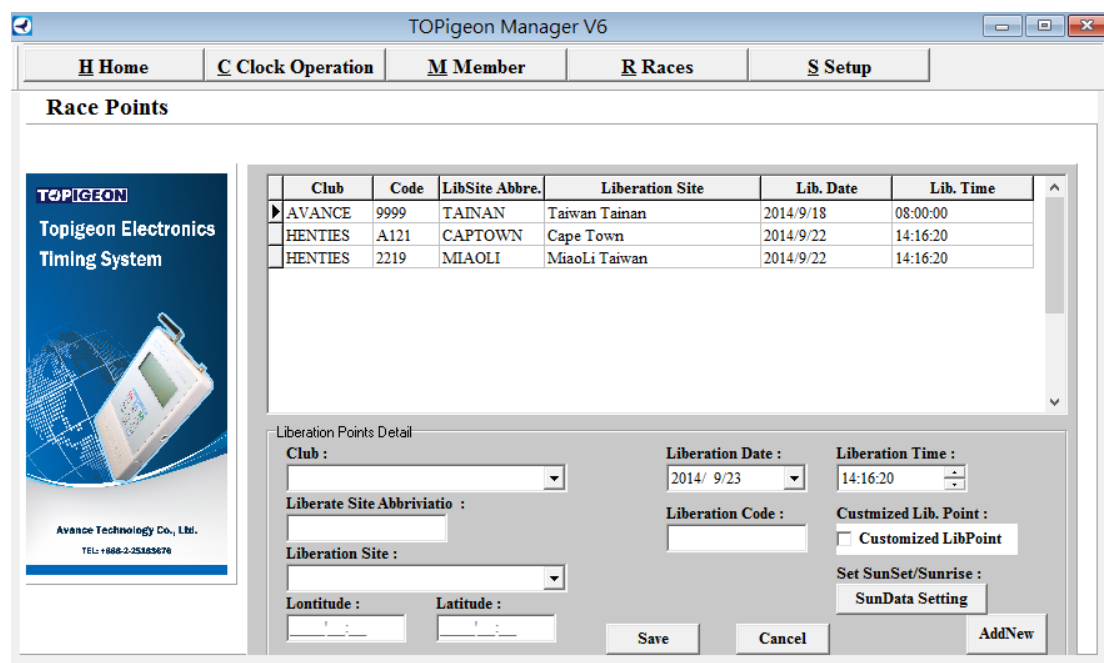
Member	Pigeon	eRingNo	UID
1111	234512	FB850209	7823C481
1111	234513	115497B6	C0D34279
1111	234514	14C0002F	0F964381
1111	234515	AACEEC10	307FB07F
2222	12345	12704810	9260C481
2222	12346	11631010	BFE34279
2222	12347	14C00015	F5964381

Below the table, there is a 'Select Race' dropdown menu with a red arrow pointing to it. The dropdown menu is currently showing '2233 / 0415'.



Race operation

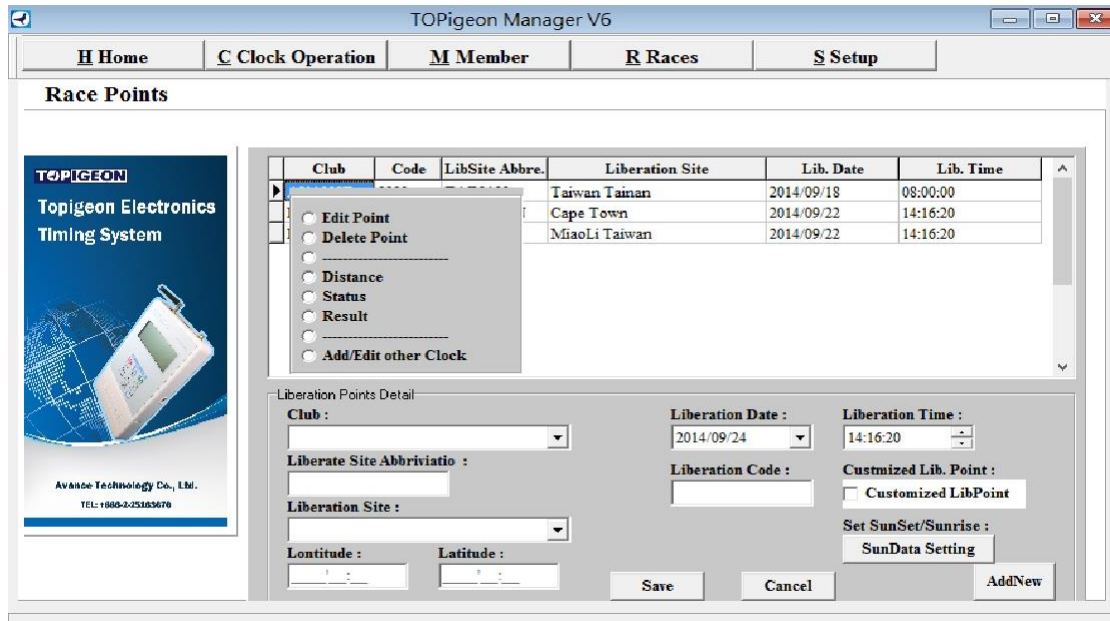
Add new race



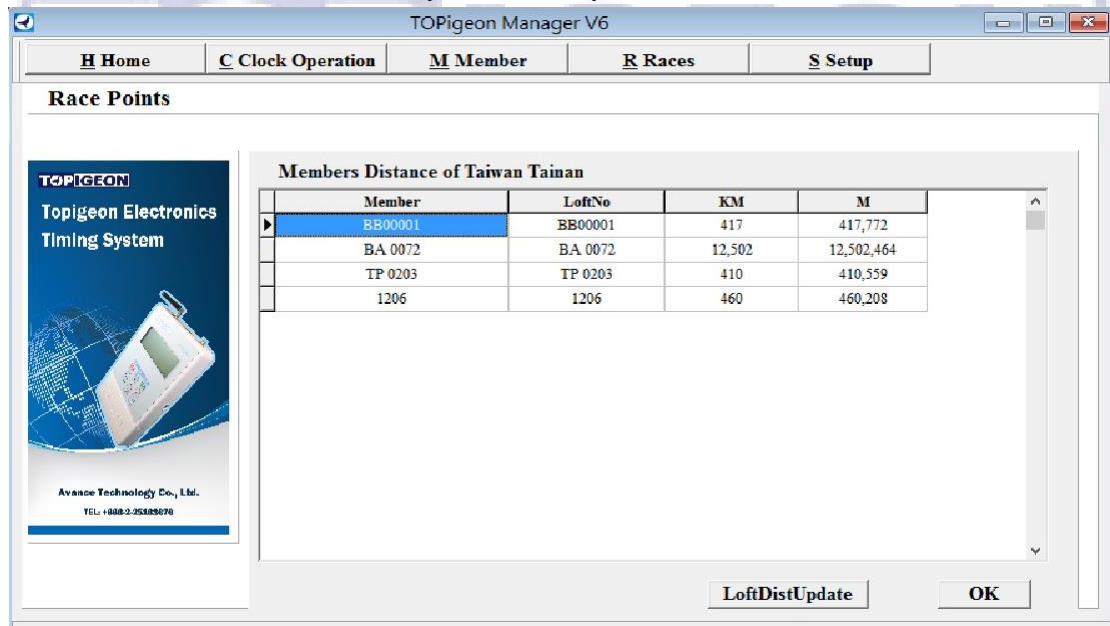
When you click on the Race TAB, then it shows all race point created. To create new race, firstly you can click on “Add New”, this just clean all the fields in the Race. Then you enter all the race information. You can reuse the existing liberation data that you create before. If you want to create a new liberation point, you check on “customized LibPoint”, and you can enter new liberation point. After you enter all information, you need to click the “Save” button to save all racing information.

Note: the Liberation code must be numeric, due to V6 internal design. The coordination is also mandatory field.

Loft Distance.



Select the active race and left click on your mouse. You will see options that you can work on. Click on the Distance, you will see your member distance.

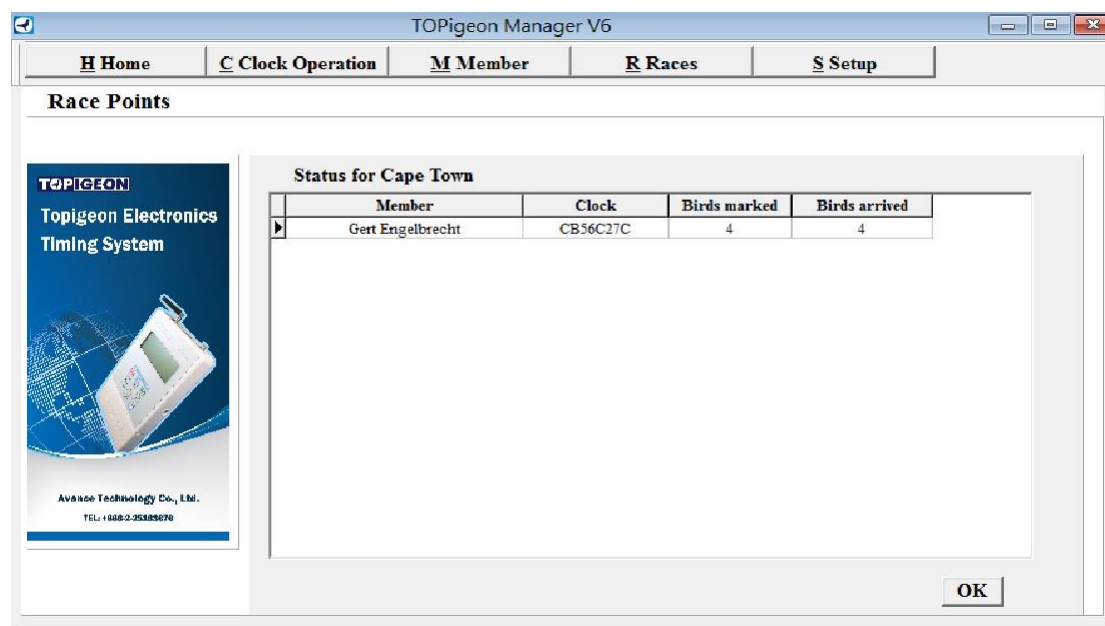


For new liberation point, click “LoftDistUpdate” to calculate the distance between liberation point to your member’s loft in kilometers and meters which is following your setup TAB.

You can also in put manually, by moving your courser to the field and type in new distance. Press OK to leave the page



Race Status



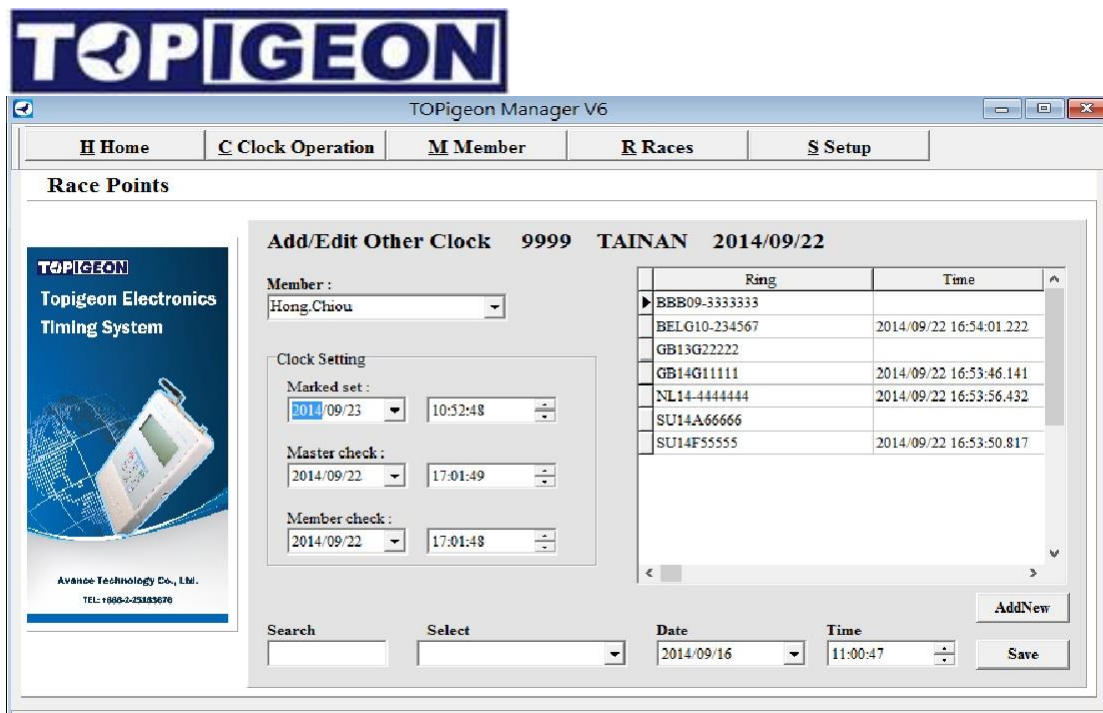
You can also checking the race status by select the status button. The race status will show all you member's marked and arrived of bird total number. .



Advance Features

Manually input external clock

If your club has external clock and you want to use the race result tool to generate report you can manually input the data. Firstly, you need to create the member and rings information in the system. In the Race TAB, left click on the race entry and select the "Add/Edit other clock".



Make sure you have create member and member ring list. You can enter the clock setting data. When you select the ring number, you can either use select drop down box to select, or you can use the search field, by key in the last few digit of ring number, then in the select drop down box will show the select condition ring number. Next enter the date and time. You can simply enter the time by using arrow key. After complete the bird data entry, click on Save button to save.

Import/Export member birds list

When other club member wants to join to your club you can use import/ export features in the Member's ring list window. Firstly, you have to create a new import member information. The member shown in the member list double click on the member will bring you to the member's ring list window. Edit the member's birds list from Microsoft Excel. Then click on the "import spreadsheet" select to the right file in the file manager. The birds ring list will be direct import to this member. You can also export to Excel spreadsheet if the member birds ring list like to migrate to other Club.

TOPIgeon Club Management V6

H Home **C** Clock Operation **M** Member **R** Races **S** Setup

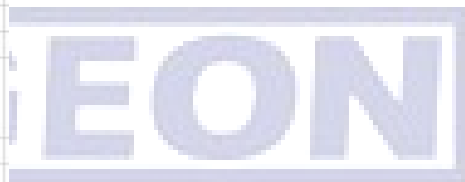
Gert Engelbrecht's Ring List

Print Number of rings : 003

Life Ring Number	Color	Sex of bird	E_Ring Assignment	Create Date	Assign Date
SA 14 N 201301	Blue Chequer	Cock	1103160E	2014/09/30	2014/09/30
SA 14 N 201302	Blue Chequer	Cock	100357D1	2014/09/30	2014/09/30
SA 14 N 201303	Blue Chequer	Cock	FB850209	2014/09/30	2014/09/30

Association : Birth Year: Registration Letter: Registration Number: Sex of the bird : Bird color : Comment :

	A	B	C	D	E	F	G
1	LeftNo	RCountry	RYear	RRegDate	RAssignNum	Sex	Cock:Type
2	SA00000	BELO	4	AA	000015	Fer	BU
3	SA00000	C:	4	AA	000001	Fer	BK
4	SA00000	C:	4	AA	000002	Fer	BU
5	SA00000	GB	4	AA	000003	Fer	LED
6	SA00000	GB	4	AA	000004	Fer	LED
7	SA00000	GB	4	B	000005	Fer	BU
8	SA00000	C:	4	B	000006	Fer	BU
9	SA00000	GB	4	B	000007	Fer	BU
10	SA00000	GB	4	B	000008	Fer	BU
11	SA00000	GB	4	B	11111	Fer	BUCH
12	SA00000	C:	4	B	11112	Cock	BU
13	SA00000	C:	4	B	11113	Cock	BU
14	SA00000	GB	4	B	11114	Cock	DE
15	SA00000	GB	4	B	11115	Cock	DE
16	SA00000	FRFU	4	BEDE	000016	Fer	BUFD
17	SA00000	SA	4	BB	12345	Cock	BKFD
18	SA00000	SA	4	BB	12346	Cock	BKFD
19	SA00000	SA	4	BB	12347	Cock	BKFD
20	SA00000	SA	4	BB	12348	Cock	BKFD
21	SA00000	SA	4	BB	12349	Cock	BKFD
22	SA00000	WHU	4	B	000007	Fer	BK



Reports

There are totally 9 reports in this club management software. They are,

1. Race marking report: When you finished all your birds marking for a specific race and you can print out marking report.
2. Loft to Liberate Site Distance List: The list of the distance from all your member loft distance in the club to a specific liberation site



3. All Member List Report: List of all the member with loft number in the club
4. Member Ring List Report: The member all birds ring number and matching e-ring number and marking information.
5. Race List Race: All active races in your club. If you have not deleted the race will be regarding as active.
6. Race Result Report: A specific race of all member result. Please note that if no distance and there won't be ranked.
7. Race Status Report: A specific race of all member race status, including birds marked, birds arrived.
8. Race upload report: This is the list of all member upload their race result which is different from the race result report.
9. Timer up load Record Report: When fancier upload to the club system can print out all up load data on site.

The 9 reports printout buttons are all in related function program. You can check whilst you operated in the specific function.



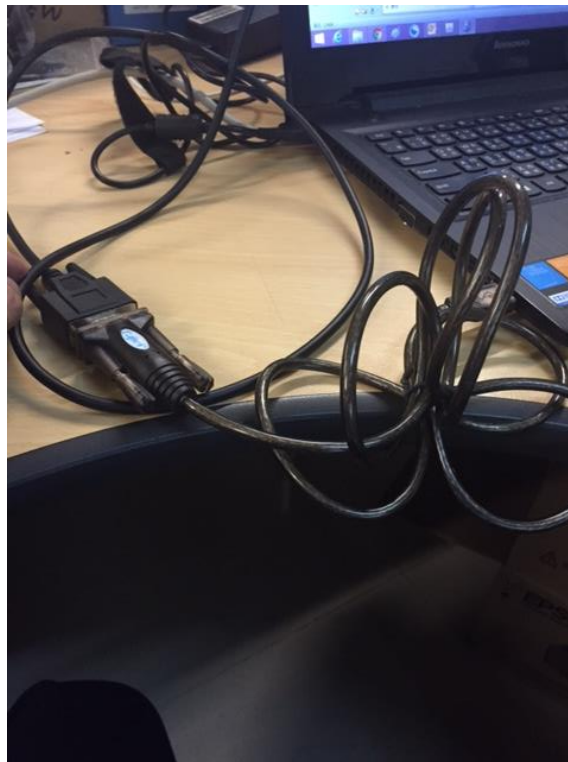
GSM module setup

The GSM module is TOPigeon 3rd party product which can send and receive SMS by using application. TOPigeon has developed many applications can apply this GSM module. One of the usages is for one loft racing.

The GSM module needs a SIM card in side. The GSM module has a SIM slot on the front side. You can use a pen's head to pushing the slot pin to let the SIM slot come out. You can use 2 or 3G SIM cards in the common network band. Do **not** use 4G LTE SIM.



There are RS-232 of 15 pins connector on the back side and you can connect it with RS-232 cable and USB – RS232 cable to your computer. The connection is the same to the club manager connection.



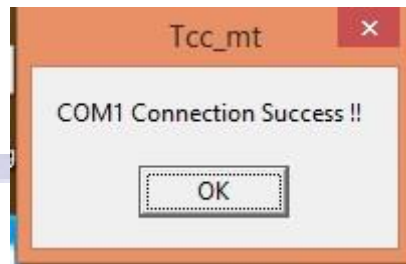
After you power on the GSM module the front LED light will on. After a while the LED will start to blink. The LED light blinking meaning the GSM module has taken cell site signal. **If the LED light not blinking, means the GSM module not functioning or SIM card has problem.** You have to wait the LED light start to blink a few seconds before you start up the SMS program.

SMS program start up

You need to set the COM port from your device manager as setting in the GSM module before you start the program.



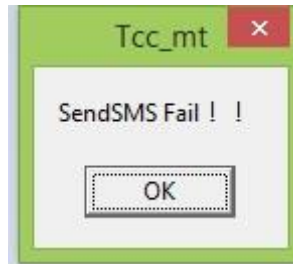
If your COM port setting correctly, the TCC MT will prompt your connection success!



After that, it comes to test a phone number to test if the GSM module running correctly.

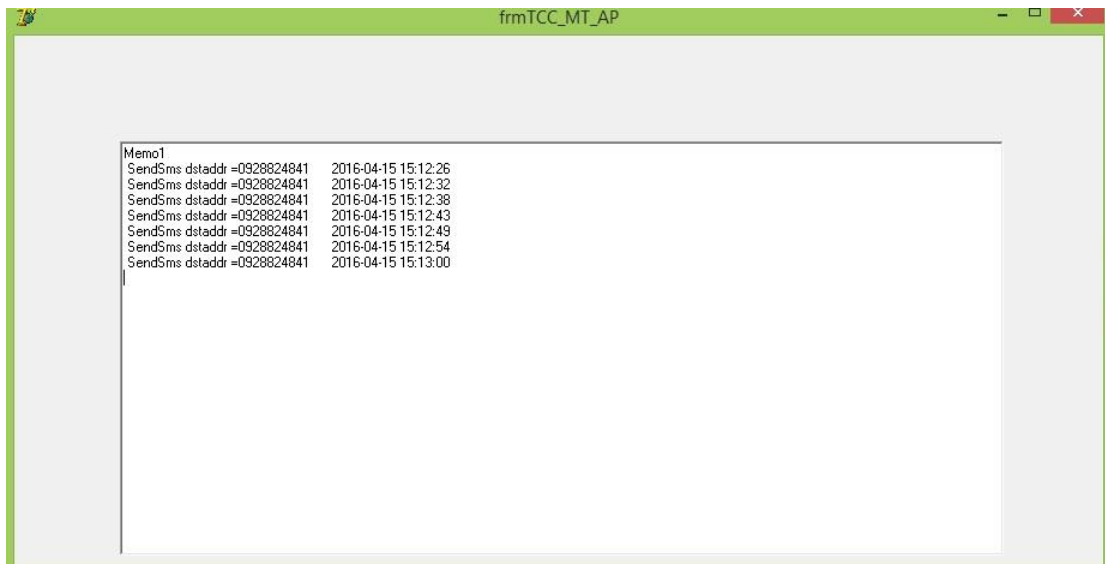


You must pass this SMS test procedure – your phone will receive this test SMS. Otherwise, you need to restart the whole start up process.



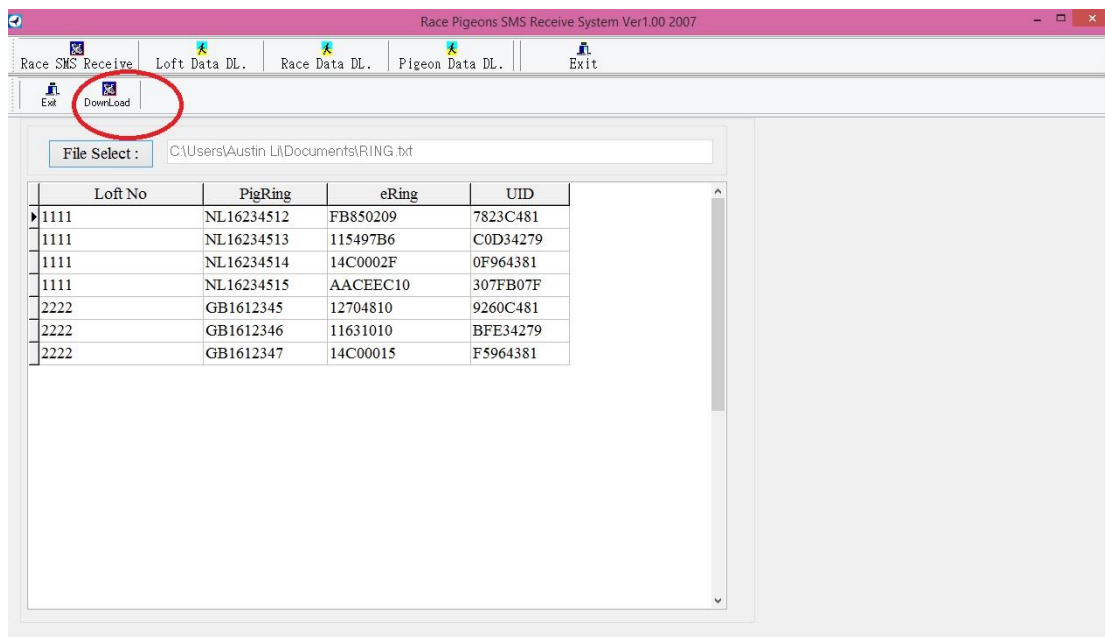
If the phone testing fails, you should restart the GSM module power. Then, restart the SMS program and run the phone testing, until you success.

If the SMS and GSM module running successfully, you can see the MT (SMS out) monitor window. The monitor window can provide you the SMS sending information.



Loading Race Information

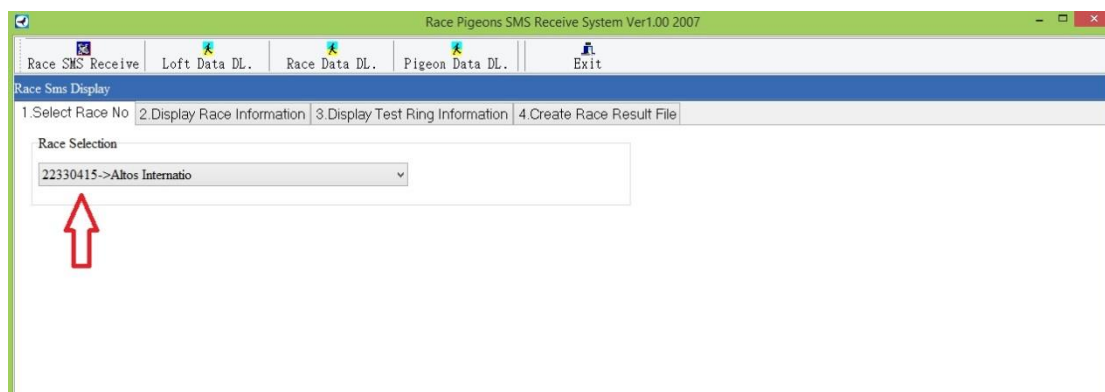
Please refer to the previous SMS download; you need to load the 3 .txt files – TOPGKEY, COLT and RING. If you have loaded the race and you can skip this process.



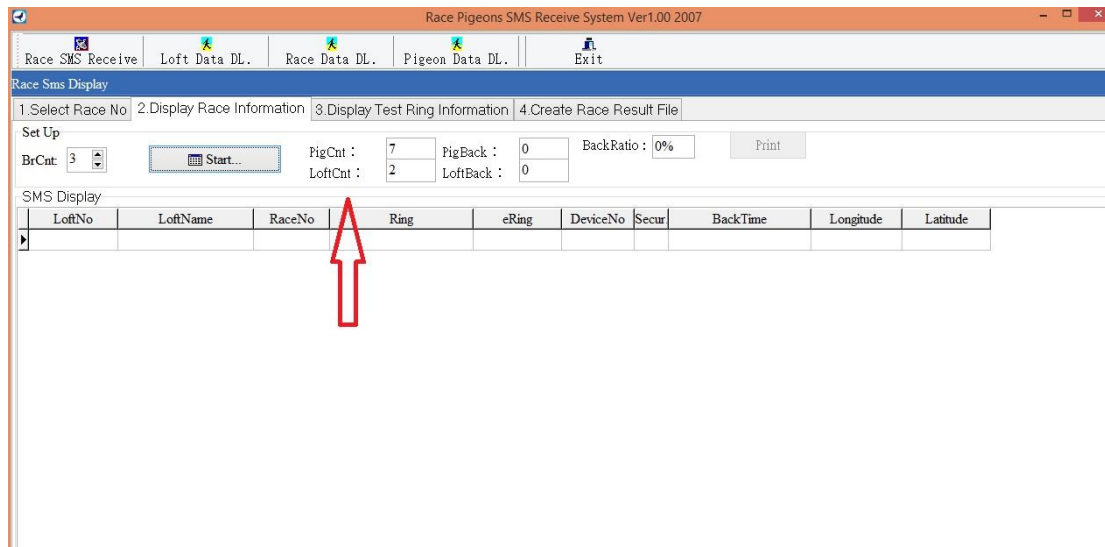
After you loaded all 3 files and you can proceed to the SMS receiving operation.

SMS receiving and sending operation

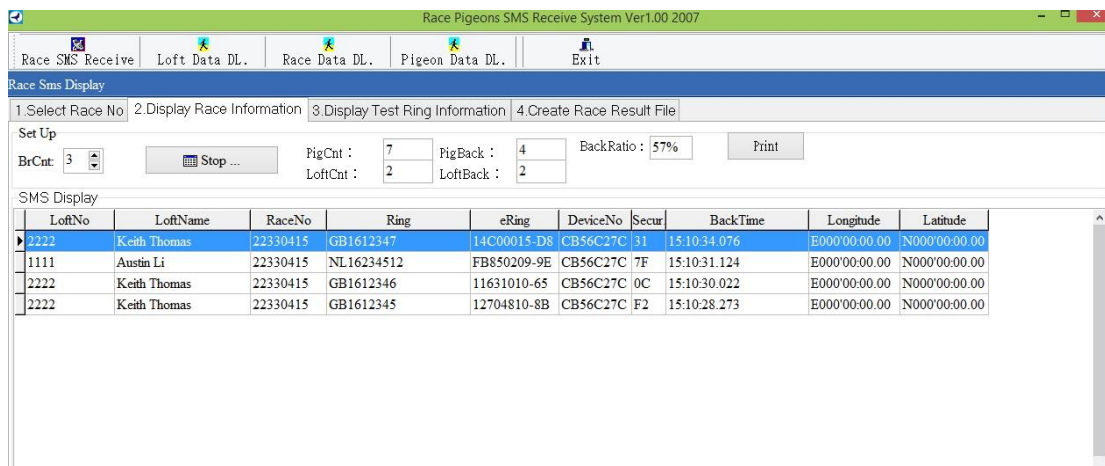
After you select the race want to receiving, and go the **Display Race Information** and press **start** to collect arrival information from TOPigeon cloud database. The data collection time is every minutes.



TOPIGEON



When pigeon arrived and you will see the display is showing all the pigeon information comes and SMS start to send to each member.



First Pigeon Broadcast Message

There is first pigeon arrival broadcast function on the Race information. The broadcast can provide you all member the broadcast message when first, second.... Etc. birds arrival. Please select it according to your requirement. If you have more members in the OLR we suggest that you turn off this function so the performance can be increased.



Race Pigeons SMS Receive System Ver1.00 2007

Race SMS Receive | Loft Data DL. | Race Data DL. | Pigeon Data DL. | Exit

Race Sms Display

1. Select Race No | 2. Display Race Information | 3. Display Test Ring Information | 4. Create Race Result File

Set Up

BrCnt: Start... | PigCnt: PigBack: BackRatio: Print

LoftCnt: LoftBack:

SMS Display

LoftNo	LoftName	RaceNo	Ring	eRing	DeviceNo	Secur	BackTime	Longitude	Latitude

