



GPS Time Synchronisation

procedure for Bricon Club-Master software version UK-10

DO NOT coil the GPS cable (as you would a garden hose) as this can damage the cable.
Instead when storing the GPS simply bundle the cable to avoid it spiralling and twisting.

The Bricon Club-Master must be time synchronised before basketing or read-out can take place

The master will thereafter hold its time signal for the rest of that day right through until midnight

The GPS receiver cable has two connectors – the RS232 which provides the GPS signal to the master and a round PS2 which powers the GPS receiver. Connect the round PS2 into the side of the master, so that when the master receives power the GPS receiver can immediately start searching for satellites. It is advised to wait a while before proceeding to negate any interference. Do not connect the RS232 at this stage.



Put the power cable into the Bricon Club-Master.
Select menu-option “ 6 Set time ” and press < OK >

The following new menu is then shown >>

Press <1> to activate the GPS setting.

1. GPS synchr.
 2. Radio synchr.
 3. Manual synchr.
 4. Master -Timer
 5. Internet sync
- Cancel <C>

The following message then appears >>

Set RTC from GPS
Now connect the GPS
Cancel<C> Cont.<OK>

MANUAL SYNCHRONISATION
can only be accessed with a special emergency code issued by Bricon UK in exceptional circumstances and valid for a single day.

Now connect the RS232 into the back of the master - (any earlier and it will show PC-communicat).

The GPS receiver has a red light which indicates its activity.

- No red light *no power (check the connections)*
- Continuous red light *the GPS module is powered but has no satellite connection.*
- Blinking red light *the GPS module is searching for satellites and the signal.*

Wait until the red light on the GPS receiver is blinking, then press < OK >

The display will then show “Searching for GPS” along with a countdown whilst the signal is being found. The countdown will proceed from 200 down to zero (taking just over 3 minutes) before phase two begins.

IMPORTANT : Whilst the countdown is in progress ensure that the GPS receiver is placed as near as possible to an open outside position, away from metal and other electrical devices and not held in the hand – otherwise the satellite signal may suffer from interference.

Ensure that the cable is not internally twisted – if the signal is delayed, run the length of the cable between your finger and thumb with a little pressure to gently tease the cable straight.

The second phase will then commence, counting up, and is required to validate the time signal received from a number of satellites before the time synchronisation of the master can take place.

Under normal conditions the validated time signal will then be received and displayed within a minute.

The time synchronisation process is complete when the display of the master shows the date and time >>

Disconnect both connectors of the GPS from the master.

Finally press any button on the master keypad to print the time synchronisation confirmation sheet.

Set RTC from GPS
Now connect the GPS
GMT - >UTC correct.: 1
P: nr M: nr G: nr H:0
DD/MM/YY HH:MM:SS
Disconnect GPS
Press any key