



PAMPA

Gateras Electrónicas

www.GaterasPampa.com.ar



ClubSystem PAMPA

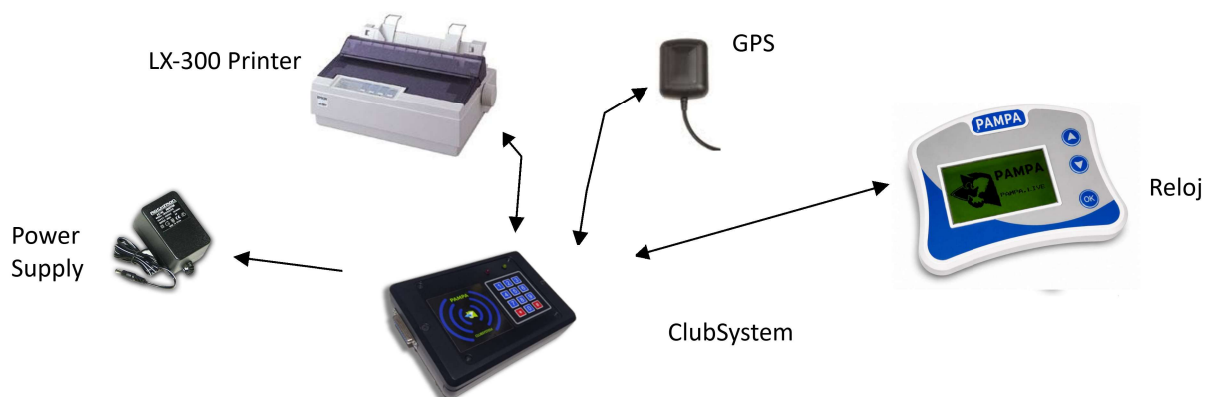
User Manual

1. ClubSystem Mode

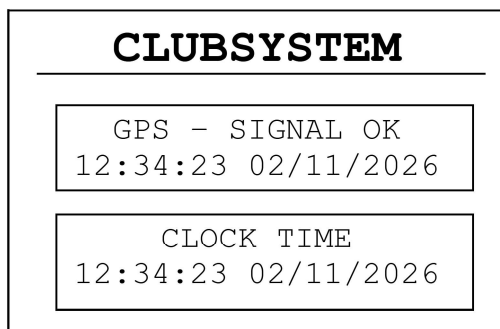
When you connect the clock to the club's ClubSystem, it automatically starts in CLUBSYSTEM mode. In this mode, you can create a new race, evaluate a completed race, and perform other functions such as assigning and unassigning RFID chips and printing reports.

1.1 ClubSystem connection diagram

Connect the ClubSystem as follows:

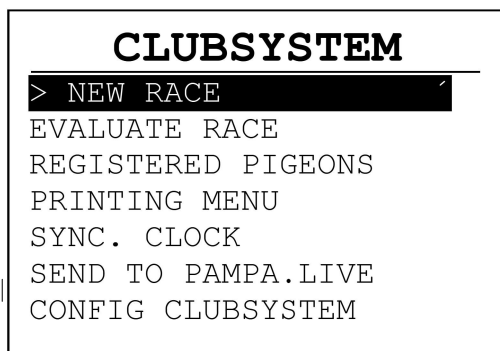


Once connected to the ClubSystem, the clock automatically detects the club's system and displays the current GPS time.



**ALWAYS MAKE SURE THAT THE
GPS DATE AND TIME ARE
CORRECT.**

Press any key to enter the options menu shown below.



Use the UP and DOWN keys to select the desired option.

Press the OK key to enter the selected option.

1.2 New Race

To start a new race, follow these steps:

CLUBSYSTEM

> NEW RACE

EVALUATE RACE

REGISTERED PIGEONS

PRINTING MENU

SYNC. CLOCK

Select NEW RACE from the options menu on your clock.

- NEW RACE -

HOLD THE
AUTRIZATION KEY
TO THE CLUBSYSTEM

Present the club authorization card to the ClubSystem.

- NEW RACE -

RELEASE POINT

Name: Miami

001 de 034

Select the release point.

If the race release point has not been loaded into the clock, you can assign a generic release point, which is the first option displayed when creating a new race.

- NEW RACE -

FANCIER

Name: JUAN LOPEZ

Loft: EL CAMPEON

001 de 034

Select the fancier.

Use the UP and DOWN buttons to select the fancier to whom you want to assign the race.

- NEW RACE -

BASKETED PIGEONS

> ADD PIGEONS

DELETE BASKETED PIGEON

BASKETED PIGEONS

COUPLE CHIP RING

FINISH BASKETING

The following menu allows you to register pigeons for the race, remove pigeons that were mistakenly basketed, or view the pigeons that have already been basketed.

```

- NEW RACE -
BASKETED: 004

WAITING PIGEON...

TO FINISH PRESS OK

```

In the ADD PIGEONS option, you can basket pigeons for the race by presenting them to the ClubSystem. Hold the pigeon so that the electronic chip is in a vertical position until it has been successfully basketed for the race.

When the chip has been read correctly, a screen like the one shown on the left will be displayed.

Repeat this process for all the pigeons you wish to basket. Once you have finished registering the pigeons, press the OK key to return to the menu.

```

. PIGEON BASKETED .

609324 - 09 - FCA - M
CHIP: C0014B0E

```

```

- NEW RACE -
BASKETED PIGEONS

ADD PIGEONS
DELETE BASKETED PIGEON
BASKETED PIGEONS
COUPLE CHIP RING
> FINISH BASKETING

```

To complete the process, select the FINISH BASKETING option.

You can then print the basketing report. If a PAMPA LIVE device is connected, the basketing data can also be uploaded to the website.

Once the basketing process is complete, you can verify that the clock has been synchronized with the date and time provided by the ClubSystem.

The basketing report must be printed so that a copy remains at the club. This report contains all the basketing information. The appendix "Good Practices Manual" provides important information about the report contents and identifies the fields that are essential for properly validating the race data.

1.3 Evaluate race

To evaluate a race, follow these steps:

```
CLUBSYSTEM
NEW RACE
> EVALUATE RACE
REGISTERED PIGEONS
PRINTING MENU
SYNC. CLOCK
SEND TO PAMPA.LIVE
```

Select VERIFY RACE from the options menu on your clock.

```
- EVALUATE RACE -

PRESENT THE
AUTHORIZATION KEY
TO THE CLUBSYSTEM
```

Present the club authorization card to the ClubSystem.

```
- EVALUATE RACE -
RELEASE POINT

Name: Miami

001 de 034
```

Select the race that was loaded by the club and press the **OK** button.

```
ACQUIRING GPS TIME...

RACE UNLOCKED
FOR PRINTING
```

In the next step, the ClubSystem compares the clock time with the GPS time to determine the clock deviation.

Once this process is complete, the race is unlocked, allowing the race report to be printed from the Print menu.

Once you have printed the race results, you can disconnect the clock from the ClubSystem.

When you return home, delete the race to release the pigeons assigned to it so they can be entered in the next race. (See section 4.2.9.)

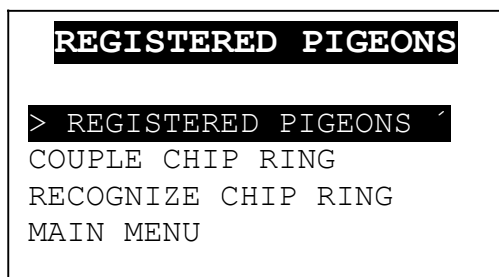
The race evaluation report must be printed so that the club can validate the race data.

The appendix "Good Practices Manual" provides important information about the contents of this report and identifies the fields that are essential for properly validating the race data.

1.4 Other functions

1.4.1 "REGISTERED PIGEONS"

This option opens a submenu, as shown below:

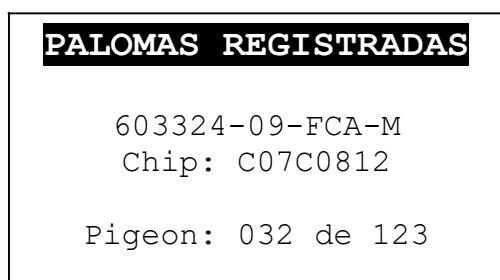


Use the UP and DOWN keys to select the desired option. Press the OK key to enter the selected option.

To return to the main menu, select MAIN MENU and press the OK button.

The available options are explained below:

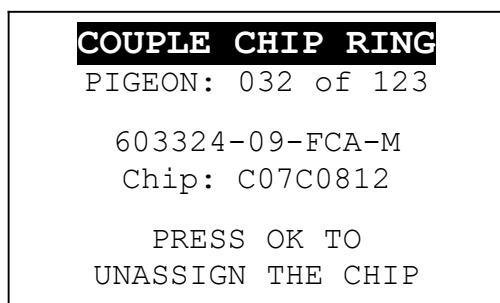
1.4.1.1 "REGISTERED PIGEONS"



This option allows you to view detailed information about the pigeons registered in the clock. The clock displays each pigeon's information and, if assigned, its associated electronic chip.

Use the UP and DOWN keys to browse through the pigeons. Press the OK buttons to return to the previous menu.

1.4.1.2 "COUPLE CHIP RING"



Use the UP and DOWN buttons to browse through the pigeons.

If the selected pigeon has an assigned chip, press the OK button to unassign it.

If the selected pigeon does not have an assigned chip, press the OK button and present the chip to the ClubSystem to assign it.

1.4.1.3 "RECOGNIZE CHIP RING"

In this option, present the chip to the ClubSystem. The system will read the chip and display the pigeon to which it is assigned.

This feature is very useful for verifying that the pigeons you are about to basket have the correct chips assigned.

1.4.2 "PRINTING MENU"

PRINTING MENU
> BASKETING LIST
EVALUATION LIST
TRAINING
PIGEON LIST
CLOCK DATA
CLUBSYSTEM DATA
MAIN MENU

This menu allows you to print different types of reports.

Use the UP and DOWN buttons to select the desired option. Press the OK button to enter the selected option.

To return to the main menu, select MAIN MENU and press the OK button.

1.4.2.1 "BASKETING LIST"

This option allows you to print a copy of the basketing report.

GATERAS PAMPA		ENCESTE: CARRERA 01		Fecha 28/03/15 14:04:55	
Pto de Suelta : ZAPALA		Race Code : 006225		Race ID: 0001	
Colombofilo : OSCAR		Palomar : SUPERPICHON			
Latitud : 36' 39' 00'		Longitud : 57' 47' 00'			
ENCESTE					
TarjetaCodigo: FC000F01					
Club Nro Serie: -----					
Hora CLUB : 28/03/15 14:01:56					
Hora RELOJ : 28/03/15 14:01:56 +000					
Sincronismo : 28/03/15 14:01:56					
Pal Encestadas: 0010					
Nro	Nro Anillo	ChipRing	Hora de Enceste	observaciones	
001	531408 14 H FCA	AA0274E5	28/03/15 14:02:00		
002	531248 14 M FCA	AA027443	28/03/15 14:02:10		
003	531252 14 M FCA	AA027410	28/03/15 14:02:18		
004	531283 14 M FCA	AA027433	28/03/15 14:02:25		
005	531401 14 H FCA	AA0273E5	28/03/15 14:02:33		
006	531433 14 H FCA	AA02745F	28/03/15 14:02:40		
007	531275 14 M FCA	AA0273EA	28/03/15 14:02:56		
008	531415 14 H FCA	AA02750D	28/03/15 14:03:03		
009	531243 14 M FCA	AA027509	28/03/15 14:03:10		
010	531428 14 H FCA	AA027464	28/03/15 14:03:18		
FIRMAS: -----					
Colombofilo		Sociedad		Com. Deportivo	
Prop: OSCAR BASILE		Reloj: 3D-2159		FW: AR 01.14	
				Licencia: 0	
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1.4.2.2 "EVALUATION LIST"

This option allows you to print a copy of the race evaluation report:

GATERAS PAMPA		EVALUACION: CARRERA 01		Fecha 31/03/15 20:17:10	
Pto de Suelta : ZAPALA		Race Code : 006225		Race ID: 0001	
Colombofilo : OSCAR		Palomar : SUPERPICHON			
Latitud : 36' 39' 00'		Longitud : 57' 47' 00'			
ENCESTE		EVALUACION			
TarjetaCodigo: FC000F01		TarjetaCodigo: FC000F01			
Club Nro Serie: -----		Club Nro Serie: -----			
Hora CLUB : 28/03/15 14:01:56		Hora CLUB : 31/03/15 20:16:35			
Hora RELOJ : 28/03/15 14:01:56 +000		Hora RELOJ : 31/03/15 20:16:33 -002			
Sincronismo : 28/03/15 14:01:56		VARIACION : -002 seg.			
Pal Encestadas: 0010		Pal Arribadas : 0007			
Nro	Nro Anillo	ChipRing	Hora de Arribo	SC	observaciones
001	531433 14 H FCA	AA02745F	30/03/15 14:12:43	OK	
002	531415 14 H FCA	AA02750D	30/03/15 14:20:15	OK	
003	531275 14 M FCA	AA0273EA	30/03/15 15:05:53	OK	
004	531401 14 H FCA	AA0273E5	30/03/15 15:12:55	OK	
005	531428 14 H FCA	AA027464	31/03/15 10:13:00	OK	
006	531252 14 M FCA	AA027410	31/03/15 11:25:02	OK	
007	531408 14 H FCA	AA0274E5	31/03/15 13:40:04	OK	
008	531243 14 M FCA	AA027509	-----	--	
009	531248 14 M FCA	AA027443	-----	--	
010	531283 14 M FCA	AA027433	-----	--	
FIRMAS: -----					
Colombofilo		Sociedad		Com. Deportivo	
Prop: OSCAR BASILE		Reloj: 3D-2159		Licencia: 0	
		FW: AR 01.14			
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Analysis of the Basketing and Race Evaluation Reports:

Certain data in the race evaluation report must match the corresponding data in the basketing report.

The following fields must match exactly:

- * Basketing date and time.
- * Pigeon data: chip number, band number, year, and sex. Basketing card code.
- * Race code and Race ID (fields: Race Code and Race ID).
- * Number of basketed pigeons.
- * ClubSystem serial number.
- * Clock serial number (shown in the CLOCK field at the bottom of the reports).

If any of these fields do not match, the race must be declared invalid.

VERY IMPORTANT: the SC field indicates the verification status of the chip's secret code at the time of arrival. A valid arrival must display "OK". If "NOK" is displayed, it means that invalid data was detected in that chip. Therefore, any pigeon with an "NOK" status must be disqualified.

For more information about system security and how to interpret the reports, please refer to the "Good Practices Manual".

1.4.2.3 "TRAINING"

This option allows you to print a copy of the training report.

1.4.2.4 "PIGEON LIST"

This option allows you to print a list of the pigeons registered in the clock.

1.4.2.5 "CLOCK DATA"

This option allows you to print a report of the data stored in the clock.

1.4.2.6 "CLUBSYSTEM DATA"

This option allows you to print a report containing the ClubSystem data and information.

1.4.3 "SYNCHRONIZE CLOCK"

This option allows you to synchronize the clock with the date and time stored in the ClubSystem.

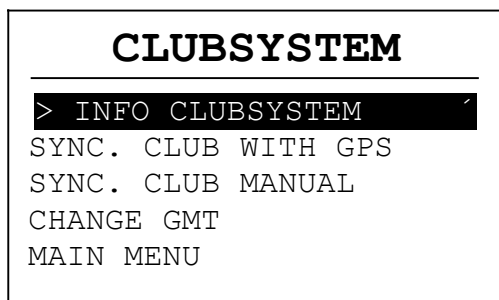
Please note that the clock's date and time can only be synchronized if there are no active races or training sessions.

1.4.4 "SEND TO PAMPA.LIVE"

This option allows you to upload all the data stored in the clock to the PAMPA LIVE server, provided that a PAMPA LIVE device is connected and the clock is paired with a user account on the web platform.

1.4.5 "CONFIG CLUBSYSTEM"

Press any button to enter the options menu shown below:



Use the UP and DOWN buttons to select the desired option.

Press the OK button to enter the selected option.

1.4.5.1 "INFO CLUBSYSTEM"

This option allows you to view information about the ClubSystem on the clock display, including the serial number, firmware version, PCB version, GMT setting, and the date of the last service.

1.4.5.2 "SYNC. CLUB WITH GPS"

This option allows you to set the ClubSystem date and time using the information provided by the connected GPS receiver.

Depending on the federation under which you compete, this is generally the only method permitted for setting the ClubSystem date and time.

Please note that the ClubSystem date and time are used as the official reference when starting or evaluating a race.

1.4.5.2 “SYNC. CLUB MANUAL”

This option allows you to set the ClubSystem date and time manually.

It works in the same way as the previous option, except that you must enter the ClubSystem date and time manually.

This option is generally disabled unless it is authorized by the federation under which you compete.

1.4.5.2 “CHANGE GMT”

This option allows you to change the GMT setting, which adjusts the time offset from the UTC time provided by the GPS.

The GPS always provides the time in UTC (GMT+0). The ClubSystem then adds or subtracts the appropriate number of hours according to the selected country or time zone.

For example:

- Argentina normally uses GMT-3.

- Brazil may use GMT-3 or GMT-4.

- Spain uses GMT+1.

2. ClubSystem Synchronization

The ClubSystem has two status LEDs on its front panel. Their functions are described below:

Red LED: Indicates that the ClubSystem is powered on.

Yellow LED: Indicates that the ClubSystem is synchronized.

The ClubSystem can retain the GPS time for up to 24 hours.

To synchronize the ClubSystem with the GPS time, connect the GPS and select the option described in Section 1.4.5.2. Wait until the GPS displays "SIGNAL OK", then synchronize the ClubSystem. Once synchronization is complete, the yellow LED will turn on, indicating that the ClubSystem is synchronized.

When the yellow LED is on, you can perform operations such as synchronizing clocks, basketing pigeons, or evaluating races without the GPS connected.

When the yellow LED is off, the ClubSystem is not synchronized, and you will not be able to basket pigeons or evaluate races.

IMPORTANT: Manual synchronization of the ClubSystem date and time is available only for federations that require this feature to be enabled. To set the date and time manually, select the option described in Section 1.4.5.3.

3. Report Printing

The compatible printer for direct printing is the EPSON LX-300 with an LPT (parallel) port, or any compatible model.

IMPORTANT: If you do not have this printer, you can still print reports using any other printer connected to a PC.

To do so, connect the ClubSystem to the PC using the USB port and open PAMPA SOFTWARE.

4. Connection ports

The ClubSystem ports are shown below:

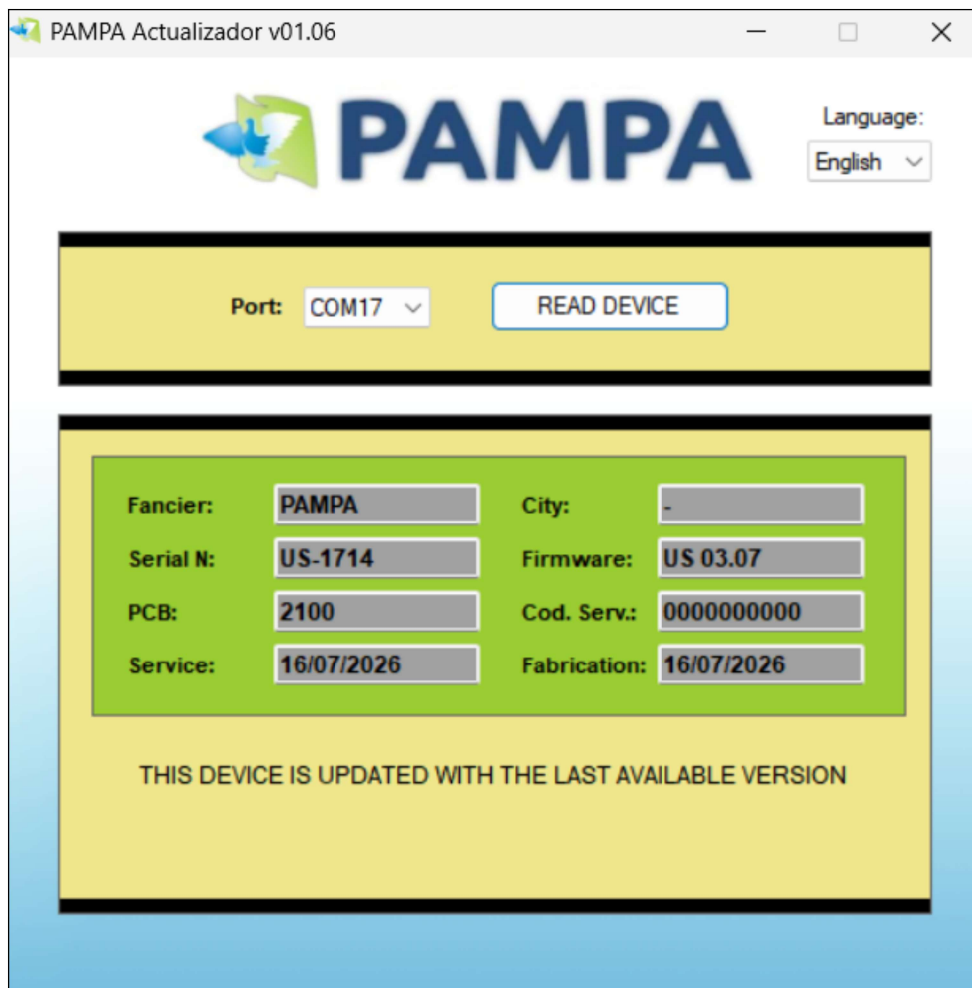


5. How to update the firmware device

To update the device, connect it to your computer and open the PAMPA ACTUALIZADOR software.

If you do not have this software installed, you can download it free of charge from the Support section of our website.

Once the program is open, select the appropriate COM port and click READ DEVICE. The software will read the device information and display it on the screen, as shown in the following image:



If a firmware update is available, the UPDATE button will appear.

To install the update, click UPDATE and wait until the process is complete. Do not disconnect the device or close the software during the update.

ATTENTION: It is extremely important not to use the computer or disconnect any devices while the update is in progress, as doing so may damage the device.