



PAMPA

Gateras Electrónicas

www.GaterasPampa.com.ar



CLOCK PAMPA III

Clock for racing pigeons

User Manual

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1. Introduction

Thank you for purchasing the **PAMPA Electronic Timing System**.
Together with the included accessories, it allows you to:

- Record pigeons as they arrive at the loft.
- View information on the display for both arrived and non-arrived pigeons.
- Transfer race data to your club's ClubSystem software to start or evaluate a race.
- Connect the unit to your PC to review training sessions, load pigeons, fanciers, release points, and edit the device settings.
-

General Features of the **PAMPA III Clock**

- Memory capacity for up to **350 pigeons**.
- Supports up to **20 races simultaneously**.
- Up to **6 fanciers** can use the same clock.
- Stores up to **50 release points**.
- Displays race information for all pigeons entered in the competition.
- Upgradable firmware.
- Audible and visual arrival alarm.
- PC software for loading and managing clock data.
- USB connectivity.
- Supports an external **12 V battery**.

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2. Product Contents

The product package includes:

- 1 × PAMPA III Electronic Timing Clock
- 1 × PAMPA III Antenna (optional)
- 1 × Test Ring
- 1 × 220 V AC / 12 V DC Power Supply
- 1 × USB Connection Cable
- 1 × 12 V External Battery Power Cable

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3. Installation

3.1 Requirements

The unit requires only a **220 V AC power outlet** for normal operation.

If AC power is not available, it can be powered by a **12 V external battery** using the battery power cable supplied by **PAMPA Timing Systems**.

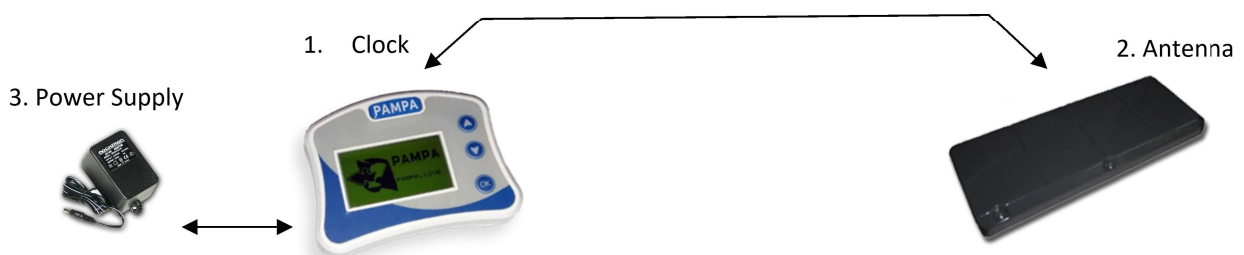
It is extremely important that the AC power supply is free from electrical noise, as interference can significantly affect the performance of the unit.

Make sure that no devices capable of generating electrical interference (such as computers, switching power supplies, or similar equipment) are connected to the same power line.

3.2 Equipment Installationn

3.2.1 Loft Connection Diagram

The following diagram illustrates a complete connection setup:



Ítems:

1. Clock.
2. Antenna
3. Power Supply (12v C.C. 1.5A)

3.2.2 Installation Procedure

1. Place the clock in a safe location. Avoid exposing the unit to outdoor conditions or any environment that could damage the equipment.

2. Install the antenna inside your loft trap, ensuring that each pigeon steps across the entire antenna surface as it enters.

For detailed installation instructions, refer to the appendix "Installing the Antenna in Your Loft."

Warnings:

Only one pigeon should pass through each antenna opening at a time.

Each pigeon must step on the entire antenna surface to ensure proper identification.

Although the antenna is designed for outdoor use, it is recommended to install it in a location where it is protected from excessive water exposure.

Do not place metal objects above or below the antenna, as this will interfere with its operation.

If the antennas are *not*** ***PAMPA 3*** models, the ***minimum distance between adjacent antennas must be 1 meter (3.3 ft)***.**

It is also very important to ensure that there are *no metal plates or metallic objects within approximately 20 cm (8 in)*** of the antenna, as they can interfere with the antenna's electromagnetic field and affect its performance.**

3. Connect the antenna to the clock.
4. If your loft has access to 220 V AC power, connect the supplied power adapter to the clock. If AC power is not available, you can power the clock and the antennas from a 12 V battery using the battery cable provided. Warnings:
Make sure the battery polarity is connected correctly.
Red is the positive (+) terminal and Black is the negative (–) terminal.
Reversing the polarity may cause permanent damage to the equipment.
Damage resulting from incorrect installation or improper use is not covered by the warranty.
5. Once the power supply is connected, the power indicator LED on the clock should turn on, and the red LED on the antenna should also light up if all installation steps have been completed correctly.

If either LED does not turn on, check all connections and verify that they are properly connected.

3.2.3 Procedure for Testing the Antennas

This procedure allows you to verify the connection between the antenna and the clock.

Using the supplied test chip, pass it over the antenna. The red LED on the antenna should flash, and the clock should acknowledge the reading by emitting a beep, confirming that the chip has been read successfully.

Repeat this procedure for each entrance of every antenna to ensure that all antennas are operating correctly.

It is recommended to perform this test before every race.

Warning: This step is essential. If the connection between the antenna and the clock is not functioning properly, an arriving pigeon may not be recorded.

3.2.4 Shutdown and Disconnection Procedure

Although the equipment is designed for extended periods of continuous operation, it is recommended to turn it off when it is not in use in order to maximize its service life.

To turn off the unit, disconnect the power adapter. The power indicator LED should turn off.

If you wish to disconnect the unit for transport, make sure the clock is powered off, then proceed as follows:

1. Disconnect the power cable from the clock.
2. Disconnect the antenna cable from the clock.
3. The equipment is now ready to be transported to your club for uploading or downloading race data, or connected to your PC to review training results.

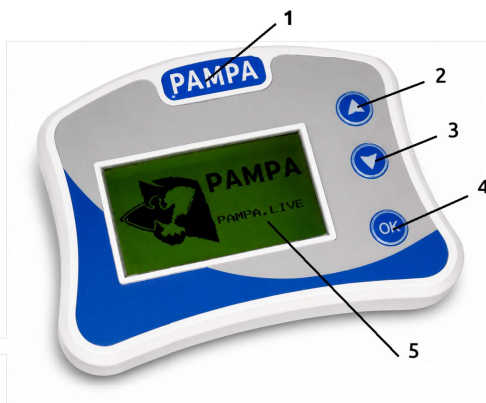
4

4. Clock Menu Functions

4.1 Clock Overview

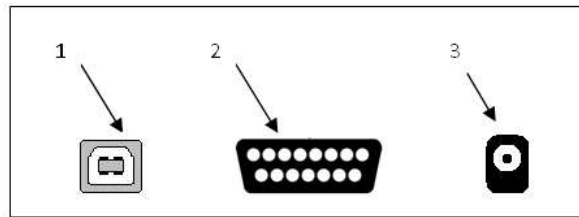
The purchased equipment is shown in the following figures:

Top view



1. Power Indicator LED.
2. "UP" Navigation button.
3. "DOWN" Navigation button.
4. "OK" Navigation button.
5. LCD Screen.

Rear view



1. USB for PC connection
2. DB15 Connector (for Antennas / Pampa Live System / ClubSystem)
3. Power Supply 12v CC.

1.1 Navigation Menu

The following section explains the operation of the clock through its navigation menu, describing the purpose of each menu option and how to use it.

4.2.1 Welcome Screen

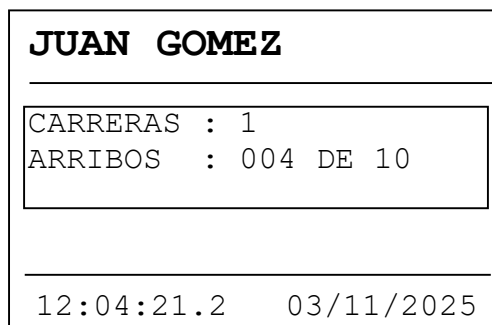
When the unit is powered on, the initialization screen is displayed.

This screen remains visible for a few seconds while the clock initializes and loads all data stored in its memory. Once the initialization process is complete, the Main Screen described in the following section will be displayed.

The initialization screen also shows the firmware version currently installed on the device.

4.2.2 Main Screen

The following figure shows the Main Screen.



The Main Screen displays the following information:

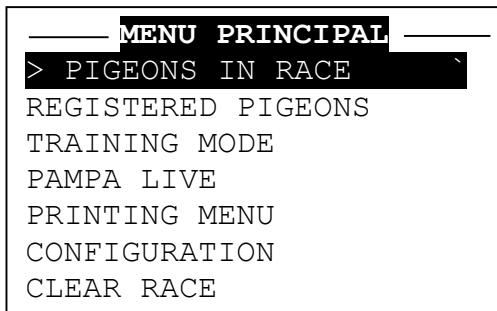
1. The clock owner's name.
2. The number of active races.
3. The number of pigeons that have arrived / Total number of pigeons expected.
4. The current date and time of the device.

Press OK to enter the Options Menu, which is described in the following section.

Press the UP or DOWN keys to view the list of pigeons entered in the current race. For more information, see Section 4.2.4.

4.2.3 MAIN MENU

The following figure shows the Options Menu.



Use the UP and DOWN keys to navigate through the menu.

To select a menu option, press the OK button.

The following sections describe the function and operation of each menu option.

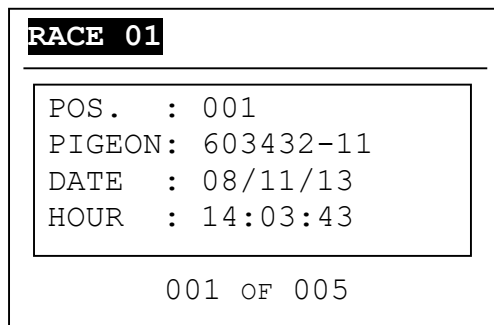
4.2.4 “PIGEONS IN RACE”

This option displays the relevant information for pigeons participating in the current competitions (either training sessions or races), including the ring number, year, sex, release point, and clocking date and time.

Press the UP or DOWN keys to browse through the pigeons sequentially.

Press the OK button to return to the Main Menu.

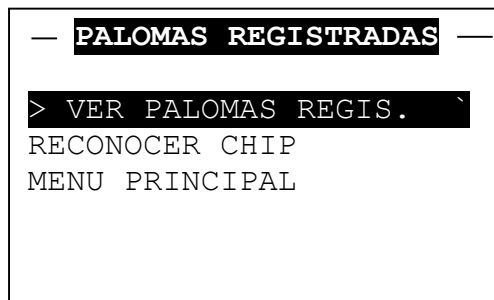
An example of this option is shown in the following figure.



If no button is pressed for 15 seconds, the system automatically returns to the Main Screen described in Section 4.2.2.

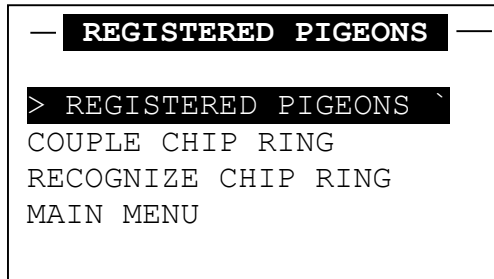
4.2.5 “REGISTERED PIGEONS”

When you enter this option, the following submenu is displayed:



The function of each option is described below:

4.2.5.1 “VER PALOMAS REGIS.”: Esta opción nos permite ver las palomas que han sido registradas en el reloj, indicándonos los datos de las palomas (número de anillo, año, sexo) y su chip (en caso de tener asociado alguno).



Use the UP and DOWN keys to view the details of each pigeon. Press the OK button to return to the menu.

Note: To register pigeons in the clock, you must use the PAMPA PC Management Software.

4.2.5.2 “COUPLE CHIP RING”: To use this function, you must have a PAMPA LIVE device.

This option allows you to assign an electronic chip to a specific pigeon by using the PAMPA LIVE device as the chip reader.

4.2.5.3 “RECOGNIZE CHIP RING”: This option allows you to identify which pigeon is assigned to a specific electronic chip.

The clock will prompt you to pass the chip over the antenna. Once the chip is read, the clock will indicate whether the chip is assigned to a pigeon stored in the clock's memory.

4.2.5.4 “MAIN MENU”: This option return to the main menu.

4.2.6 “TRAINING MODE”



This option allows you to place all available pigeons into Training Mode. Available pigeons are those that have an assigned electronic chip and are not currently entered in a race.

This feature allows you to record and time each pigeon's daily training flights.

To disable Training Mode, return to this option. If Training Mode is active, you will be able to deactivate it.

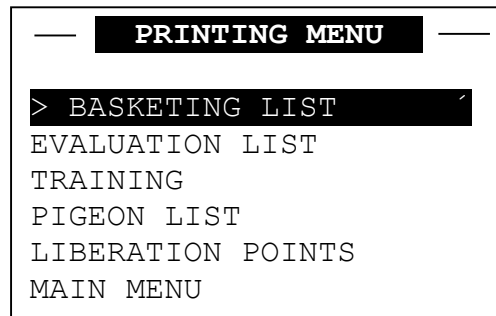
4.2.7 “PAMPA LIVE”

When you enter this option, the PAMPA LIVE Configuration Menu is displayed.

For detailed information about these settings, please refer to the PAMPA LIVE User Manual.

4.2.8 “PRINTING MENU”

When you enter this option, the following submenu is displayed:



4.2.8.1 “BASKETING LIST”: This option allows you to print the basketing list for all races that are currently in progress.

4.2.8.2 “EVALUATION LIST”: This option allows you to print the race results report for races that are currently in progress.

IMPORTANT: Before the race results report can be printed, the race must first be evaluated at the club using the ClubSystem or Home Evaluation with PAMPA LIVE system. If the race has not been evaluated, the results report cannot be printed.

4.2.8.3 “TRAINING”: This option allows you to print the list of pigeons that are currently in Training Mode. You can print either the complete list of pigeons in training or only those that have been recorded.

4.2.8.4 “PIGEON LIST”: This option allows you to print the list of pigeons registered in the clock.

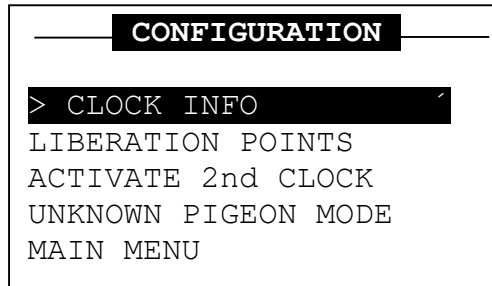
4.2.8.5 “LIBERATION POINTS”: This option allows you to print the list of release points and fanciers registered in the clock.

4.2.8.6 “MAIN MENU”: This option return to the main menu.

NOTE: To print reports using your computer, connect the clock to the computer, open PAMPA SOFTWARE, and select the PAMPA PRINTER option. When you send a report to print, the selected report will be displayed on the screen. From the software, you can either print it or save it as a PDF file.

4.2.9 “CONFIGURATION”

When you enter this option, the following submenu is displayed:



4.2.9.1 “CLOCK INFO”: This option displays important information about the device, including the serial number, firmware version, date of the last official service, bootloader version, internal battery status, and the due date for the next scheduled service.

4.2.9.2 “LIBERATION POINTS”: This option allows you to view the release points stored in the clock. The clock can store up to 50 release points. These release points are provided for reference only and allow you to identify the location from which each race stored in the clock is being flown. Use the UP and DOWN keys to view the details of each release point.
NOTE: To add a release point, you must use PAMPA SOFTWARE.

4.2.9.3 “ACTIVATE 2nd CLOCK”: This option allows you to enable or disable the Second Clock function.
This feature retransmits the data received from the antenna to a secondary clock connected using the special cable supplied by the manufacturer. It is useful for fanciers who have two or more clocks installed in their loft.

4.2.9.4 “UNKNOWN PIGEON MODE”: This option allows you to enable a special function that lets the clock record pigeons that are not registered in this clock. This feature is especially useful when you need to record pigeons belonging to another fancier, for example if their clock is damaged or malfunctioning and cannot record the arrivals.

NOTE: *This function can be enabled or disabled from this menu.
To enable it, you must have at least one active race stored in the clock.
If this function is enabled and unknown pigeons are recorded, they will remain stored until all active races have been deleted from the clock.*

4.2.9.5 “MAIN MENU”: This option return to the main menu.

4.2.10 “CLEAR RACE”

This menu allows you to delete a race, thereby releasing the pigeons so they can be assigned to a new race or placed in Training Mode.

RACE 01

MIAMI
JUAN GOMEZ
RAYO DORADO

PRESS
OK TO CLEAR

First, select the race you want to delete.

The display shows the release point, the fancier, and the loft name associated with the selected race.

To delete the race, press the OK key.

ATTENTION

Do you want to
delete the data
of Race No 1 ?

NO
YES

The clock will then ask you to confirm this action.

Select YES and press the OK key.

Once confirmed, the race will be deleted, and all pigeons associated with that race will become available for assignment to a future race.

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5. “PAMPA SOFTWARE” Management Software

5.1 Installation

Go to www.PAMPA.live, select the Support section, and download the two required programs: PAMPA SOFTWARE and the USB Driver.

Before using the clock with your computer, you must install the USB Driver so that Windows can recognize the clock when it is connected.

The clock is compatible with all versions of Microsoft Windows. It is not compatible with other operating systems such as macOS, Linux, or others.

5.1.1 Install USB DRIVER

Once the installation package has been downloaded, double-click it to begin the installation.

A window similar to the one shown below will appear. Click EXTRACT.
The installer will then display an information screen. Click NEXT. The installation program will automatically install the USB driver.

When the installation is complete, click FINISH.



5.1.2 Install PAMPA SOFTWARE

Once the installation package has been downloaded, double-click it to begin the installation.

A window similar to the one shown below will appear. Click NEXT.

Two information screens will then be displayed. Click NEXT on each screen.

The installer will automatically install PAMPA SOFTWARE.



5.2 Conexión del reloj a la PC

Connect the clock to your computer using the USB cable supplied with the device. Then power on the clock by connecting its power supply.

NOTE: Modifying data or adding or removing pigeons is only possible when the clock has no active race or Training Mode activated.
Therefore, no data can be changed while the clock is participating in a race.

5.3 Using PAMPA SOFTWARE

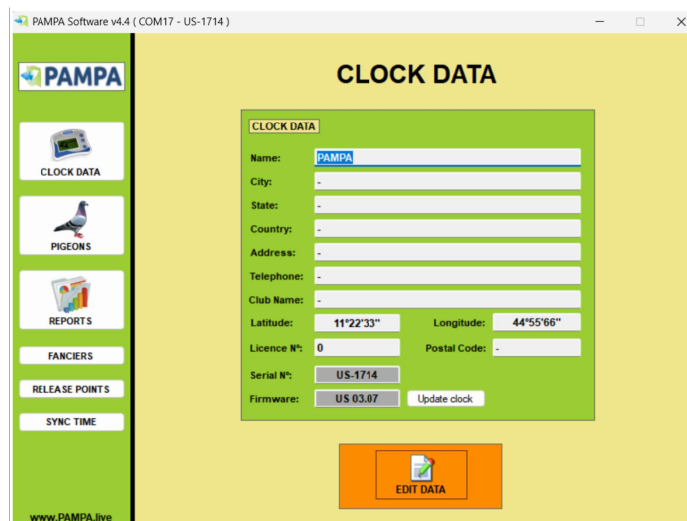
5.3.1 “INIT SESSION”

Before starting the management software, ensure that the clock is connected to your computer and powered on.
Double-click the PAMPA SOFTWARE icon and follow the on-screen instructions.

Once the program is open, the main screen will be displayed. Select the COM port to which the clock is connected, then click START SESSION.



5.3.2 “CLOCK DATA”



This option allows you to edit the information associated with the clock owner.
Click the EDIT DATA button, modify the desired fields, and then click SAVE CHANGES to apply the changes.

NOTE: If a race is currently in progress, the owner information cannot be modified.

5.3.3 “PIGEONS”

This option allows you to add or remove pigeons from the clock.



How to ADD Pigeons

To add a pigeon, click the ADD PIGEON button.

A new window, similar to the one shown on the right, will open. Enter the pigeon's information in the corresponding fields.

Once you have entered the pigeon's data, click the SAVE button.



How to DELETE Pigeons

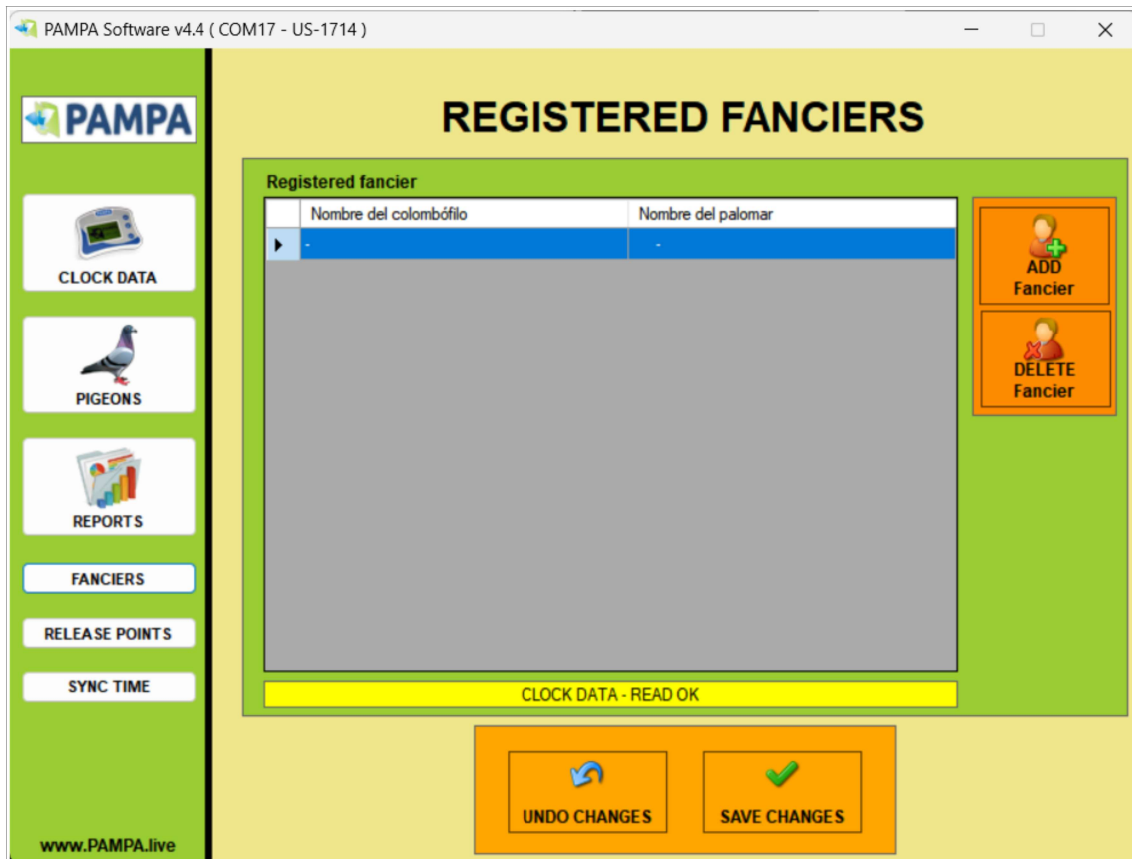
To remove a pigeon, select it from the list of pigeons registered in the clock, then click the REMOVE PIGEON button.

IMPORTANT: To apply the changes to the clock, after adding or removing the desired pigeons, click the SAVE CHANGES button.

NOTE: If a race is currently in progress, pigeons cannot be added or removed.

5.3.4 “FANCIERS”

This option allows you to add or remove fanciers from the clock.
Up to six fanciers can be registered.

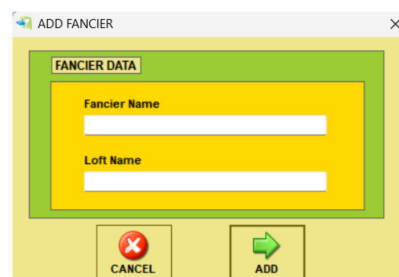


How to ADD a fancier

To add a fancier, click the ADD FANCIER button.

A window similar to the one shown on the right will open, allowing you to enter the fancier's information.

Once you have entered the required information, click the SAVE button.



How to DELETE a fancier

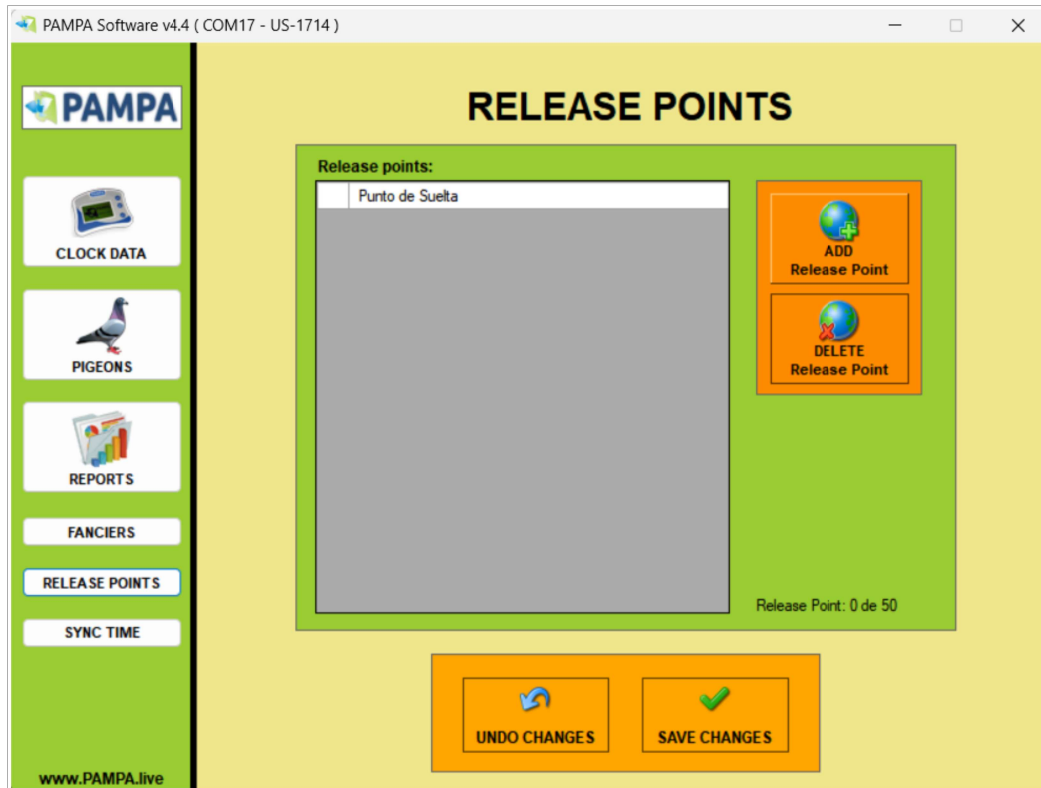
To remove a fancier, select one from the list and click the REMOVE FANCIER button.

IMPORTANT: To apply the changes to the clock, after adding or removing the desired fanciers, click the SAVE CHANGES button.

NOTE: *If a race is currently in progress, fanciers cannot be added or removed.*

5.3.5 “RELEASE POINTS”

This option allows you to add or remove release points from the clock.



How to ADD a release point

To add a release point, click the ADD RELEASE POINT button.

A window similar to the one shown on the right will open, allowing you to enter the release point information.

Once you have entered the required information, click the SAVE button.



How to DELETE a release point

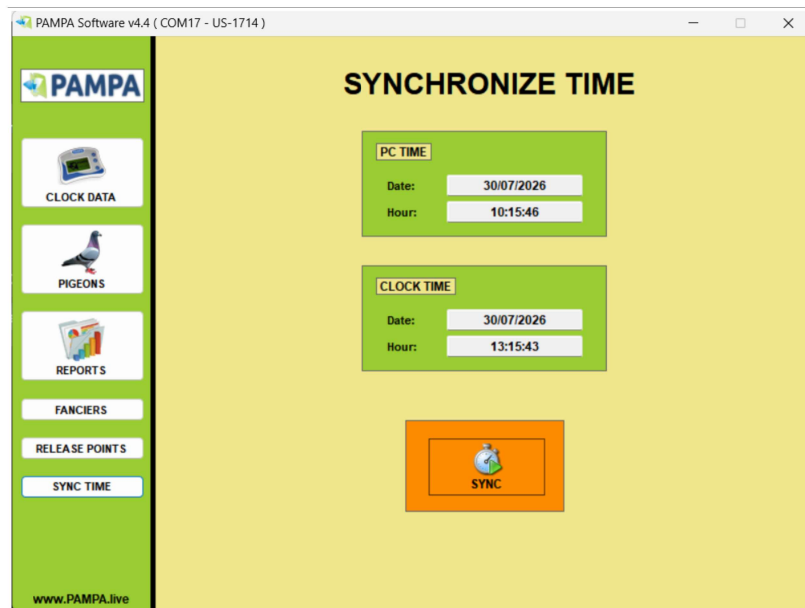
To remove a release point, select it from the list and click the REMOVE RELEASE POINT button.

IMPORTANT: To apply the changes to the clock, after adding or removing the desired release points, click the SAVE CHANGES button.

NOTE: If a race is currently in progress, fanciers cannot be added or removed.

5.3.6 “SYNC. TIME”

This option allows you to synchronize the clock's date and time with your computer's system time.



To synchronize the clock, click the SYNCHRONIZE button.

NOTE: The clock's date and time cannot be modified while a race is active.

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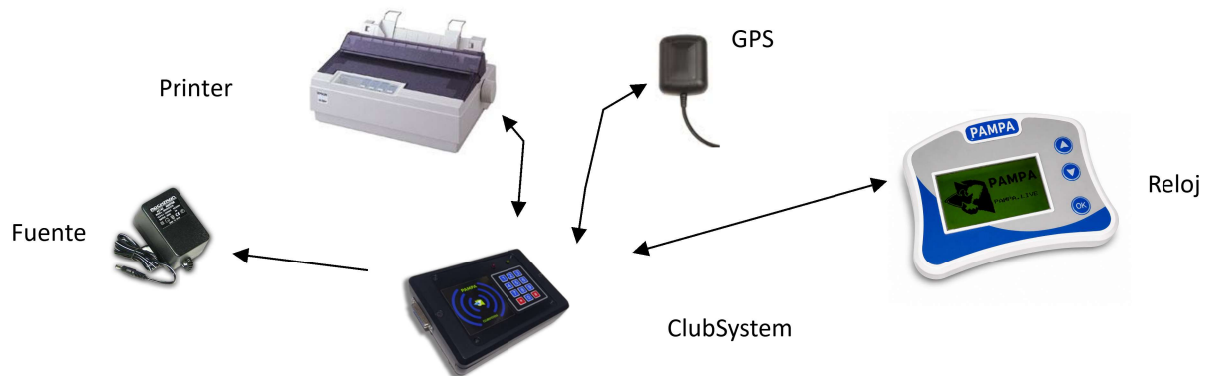
6. Club connection and Operation

When the clock is connected to ClubSystem at the club, it automatically enters CLUBSYSTEM mode.

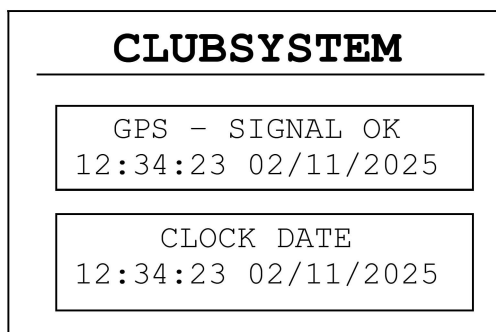
In this mode, you can create a new race, evaluate a race, assign or unassign electronic chips, print reports, and perform other ClubSystem functions.

NOTE: For more information about connecting to and using ClubSystem, please refer to the corresponding ClubSystem User Manual.

6.1 ClubSystem Connection and Functions

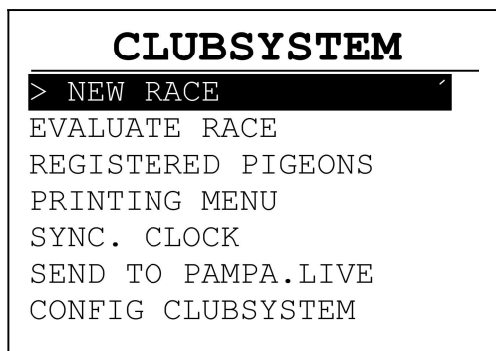


When the clock is connected to ClubSystem, it automatically detects the club system and displays the current time provided by the GPS.



**ALWAYS MAKE SURE THAT THE
DATE AND TIME DISPLAYED BY
THE GPS 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.

6.2 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
```

```
. PIGEON BASKETED .  
  
609324 - 09 - FCA - M  
CHIP: C0014B0E
```

```
- NEW RACE -  
BASKETED PIGEONS  
  
ADD PIGEONS  
DELETE BASKETED PIGEON  
BASKETED PIGEONS  
COUPLE CHIP RING  
> FINISH BASKETING
```

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.

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.

6.3 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.)

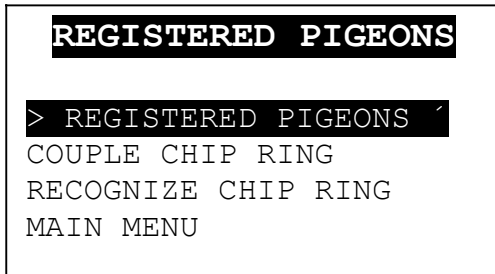
The race evaluation report must be printed so that the club can validate the race data.

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.

6.4 Other functions

6.4.1 "REGISTERED PIGEONS"

Esta opción nos abrirá un sub-menú como el mostrado a continuación:

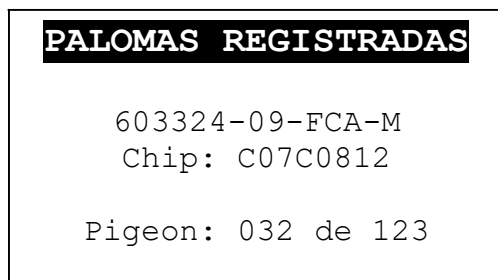


Use the UP and DOWN keys to select the desired option. Press the OK key to enter the selected option.

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

The available options are explained below:

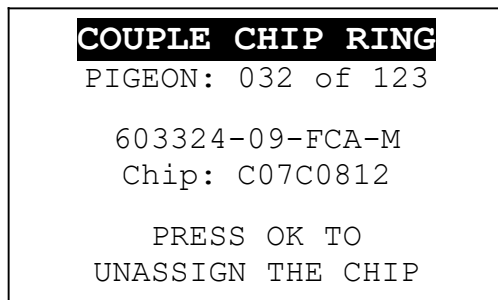
6.4.1.1 "REGISTERED PIGEONS"



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.

6.4.1.2 "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.

6.4.1.3 "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.

6.4.2 "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.

6.4.2.1 "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
-----
GATERAS ELECTRONICAS PAMPA - www.gateraspampa.com.ar - INDUSTRIA ARGENTINA

```

6.4.2.2 "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	Fw: AR 01.14	Licencia: 0	
GATERAS ELECTRONICAS PAMPA - www.gateraspampa.com.ar - INDUSTRIA ARGENTINA					

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".

6.4.2.3 “TRAINING”

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

6.4.2.4 “PIGEON LIST”

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

6.4.2.5 “CLOCK DATA”

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

6.4.2.6 “CLUBSYSTEM DATA”

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

6.4.3 “SYNCHRONIZE CLOCK”

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

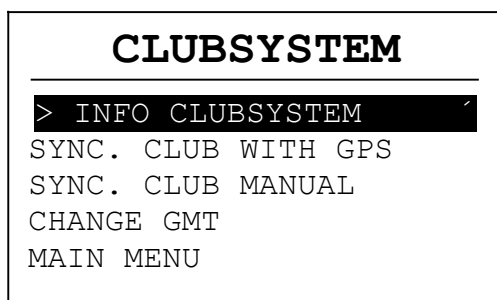
Please note that the clock's date and time can only be synchronized if there are no active races or training sessions.

6.4.4 “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.

6.4.5 “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.

6.4.5.1 “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.

6.4.5.2 “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.

6.4.5.2 “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.

6.4.5.2 “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.

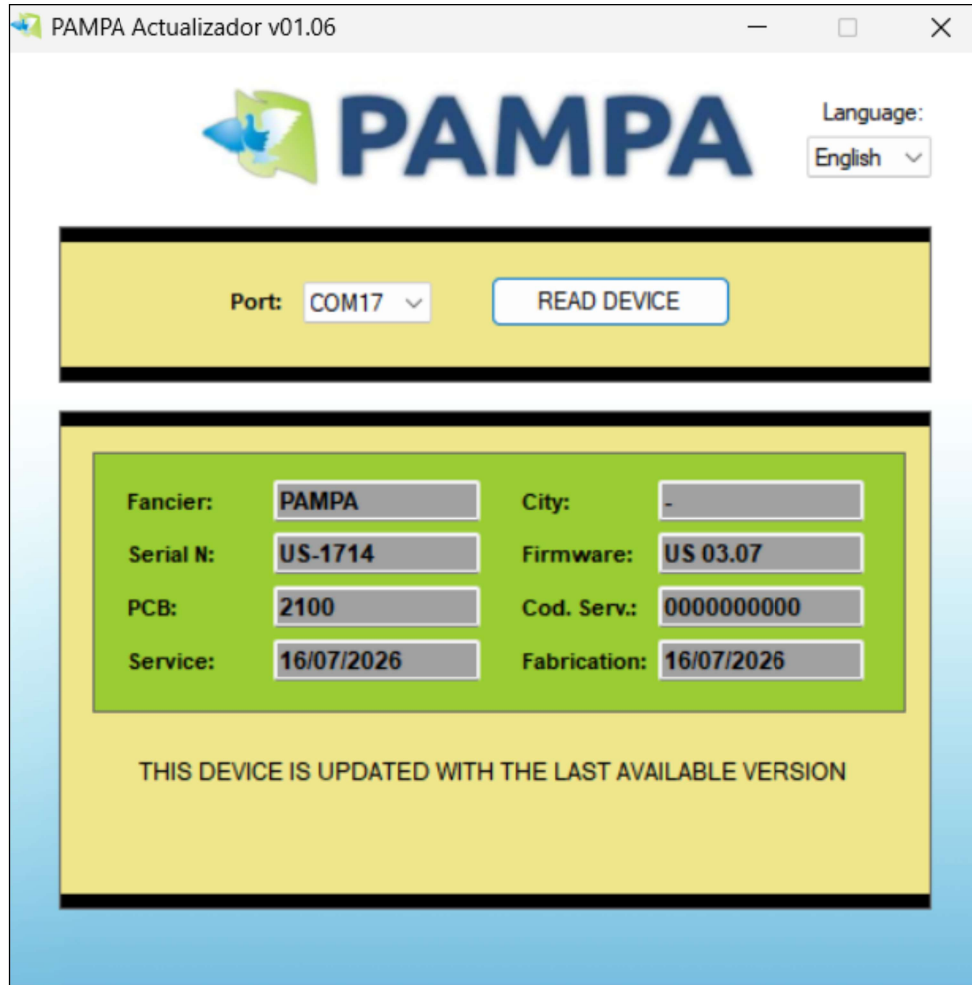
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7. How to update the firmware device

To update the device, connect it to your computer and open the PAMPA UPDATER 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:



PAMPA Actualizador v01.06

 **PAMPA** Language: English ▾

Port: COM17 ▾ READ DEVICE

Fancier:	PAMPA	City:	-
Serial N:	US-1714	Firmware:	US 03.07
PCB:	2100	Cod. Serv.:	0000000000
Service:	16/07/2026	Fabrication:	16/07/2026

THIS DEVICE IS UPDATED WITH THE LAST AVAILABLE VERSION

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.

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8. Technical Specifications

- Power Supply: 12 V DC, powered by a 110/220v / 50 Hz to 12 V DC power adapter (not included).
- Maximum Recommended Cable Length (between the antenna and the clock): 40 m (131 ft).
- Clock Dimensions: 16 × 12 × 5 cm (W × L × H).
- Clock Weight: 300 g.
- Operating Temperature Range: 0 °C to 60 °C (32 °F to 140 °F).

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9. Care and Maintenance

Use a dry cloth to remove dirt from the front of the device. Take special care when cleaning the LCD display.

Use a damp cloth to clean the cables and the power adapter. To keep the antenna module clean, it is recommended to wipe its surface with a damp cloth before and after each race.

Store the equipment in a cool, dry place to prevent damage and premature deterioration.

Do not leave the clock powered on when it is not being used in a race. It is recommended to store it in a cool, dry place and only power it on when needed.

If you need additional information or experience any problems, please visit our website at www.gateraspampa.com.ar or contact us directly.

The warranty does not cover:

- * Damage caused by improper use of the equipment.
- * Any repair, modification, or unauthorized intervention performed by persons not authorized by the company.
- * Damage resulting from impacts, drops, or mishandling during transportation carried out by third parties or by carriers not authorized by the company.

If you have any questions, suggestions, or require assistance, please contact us:

Email: ventas@gateraspampa.com.ar

Phone: +54 9 11 6639-1327

Web: www.pampa.live