

TOPIGEON V9 Overseas Edition

Pigeon Clock Main Unit — Menu Function Guide

V9.5.50_22_3W

Applicable firmware: Clock main unit V50_21 20260609 (multi-race architecture, current _22 version)

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Purpose

This document is compiled from the menu program and English display resources of the current overseas clock firmware, covering Club/Loft, Pigeon, Race/Train, System Setup, and re-upload functions.

Version scope: This document is based on the current 3W hardware build configuration V9.5.50_22_3W. The 1W model displays as _22_1W; the menu functions are identical for both.

Keys and Operating Principles

Key	Main Use	Description
Number keys 0–9	Select a function directly	When numbered options are shown, jump directly to them; 0 is also a valid option.
↑ / ↓	Move between options or switch data	Move the cursor within a list; on the main screen, switch the currently displayed Training/Race.
← / →	Page through or quick view	Page through lists; on the main screen, usually corresponds to arrived / not-arrived records.
OK	Confirm, enter, or save	After changing a parameter, press OK to execute or save it.
C / Cancel	Cancel or go back	Return to the previous level without executing any unconfirmed action.

Safe operation: Functions such as Start, Close, Delete, Re-upload, and Calibration may require a second OK press. Before executing, confirm that the currently displayed item is Training or the correct race.

Main Screen and Shortcut Operations

- The main screen shows Pigeon, Arrived, Uploaded, Total, GPS, Antenna NOR/ABN, Race Code, and the IDLE/BASKET/OPEN/CLOSED status.
- ↑ / ↓: Cycle through the main screens of Training and each race.
- ←: View the Arrival Record of the current item.
- →: View the Not Arrival Record of the current item.

- The overseas edition supports multiple races; always confirm the Race Code before starting, closing, printing, or re-uploading.

Main Menu

Option	English Name	Function
1	Club/Loft Admin	Set club and loft data. Editing may be blocked while a race is in progress.
2	Pigeon Admin	Pigeon list, ring assignment, add, delete, and print.
3	Race/Train	Create and manage multiple races, or run training.
4	System Setup	Parameters, device status, tests, and system logs.

Menu 1: Club/Loft Admin

Path	Function	Main Fields
1 > 1	Club Setup	Club identification data such as Club No. and Association No.
1 > 2	Loft Setup	Loft data such as Loft No., Loft Name, and Loft SMS No.

Restriction: While an official race is in progress, some Club/Loft fields cannot be changed, to avoid a mismatch between server data and the local race identification.

Menu 2: Pigeon Admin

Option	English Name	Function
1	Pigeon List	Browse stored pigeons; after selecting, you can Edit or Delete.
2	Assignment	Scan the electronic ring and pair it with the leg-ring data. Shown only when Assignment mode is enabled.

Option	English Name	Function
3	Add	Add a pigeon by entering data such as PRing, Code, Sex, Color, and Feed.
4	Delete All	Delete all pigeon data; requires a second confirmation.
5	Print Pigeon	Print the pigeon list.

Option changes: If the system disables the Assignment function, the menu shrinks to Pigeon List, Add, Delete All, Print Pigeon, and the following item numbers shift up accordingly. Always follow the numbers shown on screen.

Menu 3: Race/Train

Path	Function	Description
3 > 1	Race Admin	Create, edit, select, or delete multiple official races.
3 > 2	Train Admin	Start/close training, view records, and re-upload.

3 > 1 Race Admin

Option	English Name	Function
1	Create Race	Create a race; set Race No., date, liberation site, longitude/latitude, name, and stage.
2	Edit Race	Select a race from the list, then modify the fields that are allowed to change.
3	Race List	Select a race and enter that race' s operation menu.
4	Delete Race	Select and delete a race; a race already in progress may be blocked from deletion.

Race Operation Menu

Option	English Name	Function
1	Start Race	Start the official race.
2	Close Race	Close the official race and record the finish time.
3	Race Basketing	Enter the basketing process; scan and register the participating electronic rings.
4	Race Basketing Delete	Delete / release the basketing records.
5	Arrival Record	View arrival records.
6	Not Arrival Record	View not-arrived records.
7	Final Results	View final results.
8	Print Basketing Record	Print the basketing record.
9	Print Race Record	Print the race arrival record.
0	Reupload Arrived Record	Re-upload all arrival records for the selected race.

Race Status and Available Functions

Status	Screen Code	Main Available Functions
Not started	IDLE	Race Basketing, Race Basketing Delete.
Basketing	BASKET	Start Race, Race Basketing, Basketing Delete, Print Basketing Record.
Race in progress	OPEN	Close Race, Arrival / Not Arrival, Print Race Record, Reupload Arrived Record.
Race closed	CLOSED	Arrival / Not Arrival, Final Results, printing, and Reupload Arrived Record.

3 > 2 Train Admin

Option	English Name	Function
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Option	English Name	Function
1	Start Training	Load pigeons and start training detection.
2	Close Training	Close the current training session.
3	Arrival Record	View training arrival records.
4	Not Arrival Record	View training not-arrived records.
5	Reupload Arrived Record	Re-upload all training arrival records.

Menu 4: System Setup

Path	English Name	Function
4 > 1	Parameter Setup	Set upload mode, APN, username/password, Clock Mode, Loft Monitor, time zone, language, DST, SMS, etc.
4 > 2	Device Status	View Network, Antenna, GPS, and run Antenna Calibration.
4 > 3	Device Test	Electronic ring, speaker, and SMS tests.
4 > 4	System Logs	View system, detection, race, and upload events.

4 > 1 Parameter Setup

Field	Function	Notes
Data Upload Mode	Select HTTP/GPRS upload mode.	Currently HTTP is mainly used.
APN / Username / Password	Set the SIM card data connection parameters.	Enter according to the data provided by the local carrier.
Clock Mode	Select Club or OLR operating mode.	The mode affects pigeon management and the data workflow.
Loft Monitor (Sec)	Set the loft monitoring update interval.	A value that is too short increases network traffic.

Field	Function	Notes
Time Zone / DST	Set the local time zone and daylight saving time.	Errors cause a mismatch between arrival time and server time.
Language	Select a language such as EN, ES, GR, HU, PL, PT, RO, SR, TR, HR.	Must be matched with the correct language image file.
Device No. / IMEI	View the device number and GSM/LTE module identification.	Normally cannot be modified arbitrarily.
Send SMS	Set whether to send SMS.	Requires an active SIM and SMS service.

4 > 2 Device Status

Path	English Name	Function
4 > 2 > 1	Network Status	Shows communication status, firmware, carrier, and SMSC.
4 > 2 > 2	Antenna Status	Lists SINGLE / FOUR CH channel-board ID, version, and NOT / NOR / ABN.
4 > 2 > 3	GPS Status	Shows GPS, satellite count, and UTC time.
4 > 2 > 4	Antenna Calibration	Sends a calibration command to all channel boards; shows Finish when complete.

4 > 3 Device Test

Path	English Name	Function
4 > 3 > 1	Ering Scan Test	Scan an electronic ring and display the result; may be blocked while a race is in progress.
4 > 3 > 2	Speaker Test	Play a test tone.
4 > 3 > 3	SMS Sending Test	Send a test SMS to the configured number.

Common Workflows

3 > 1 > 1 Create a new race

3 > 1 > 3 > Select race > 3 Race basketing (official race)

3 > 1 > 3 > Select race > 1 Start race

3 > 1 > 3 > Select race > 2 Close race

3 > 1 > 3 > Select race > 0 Re-upload official race arrival records

3 > 2 > 5 Re-upload training arrival records

4 > 2 > 2 Verify single-channel / four-channel registration and connection

4 > 2 > 4 Run calibration for all channel boards

Troubleshooting

Symptom	Check Path	Action
Antenna not shown or ABN	4 > 2 > 2	Check power supply, RS485 A/B, common ground, address registration, termination resistor, and master/slave firmware versions.
GPS time incorrect	4 > 2 > 3, 4 > 1	Confirm satellite count, time zone, and DST.
Detection recorded but not uploaded	4 > 2 > 1, 4 > 4	Confirm SIM, APN, signal, IMEI, HTTP response, and upload logs.
Need to re-upload old records	Race menu 0 / Training menu 5	Confirm the Race Code, then run Reupload Arrived Record.