Hi Rancher

FOX Pro

Weighing Indicator

User Quick Start



V.26.11.02-2.07.6


Hi Rancher

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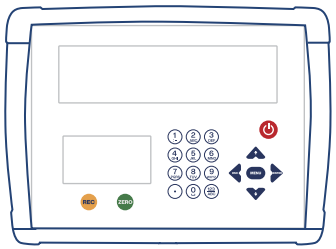
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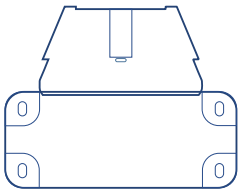
Part 1
UNBOXING

Standard

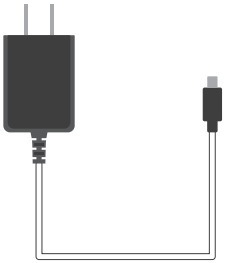


FOX Pro Indicator

Operating Temperature: 10°C-40°C
Charging Specification: 5V1A



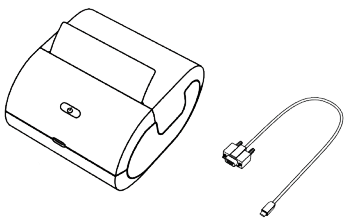
Bracket



Power Adapter

Optional configuration

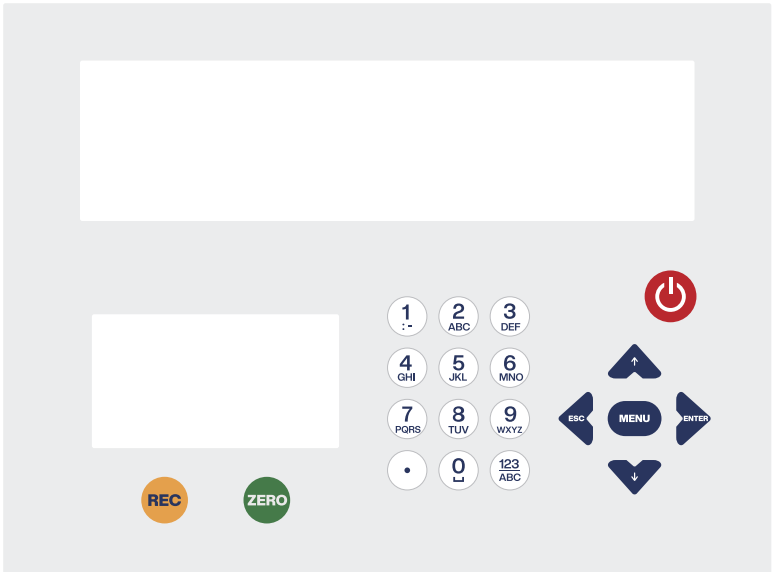
Optional

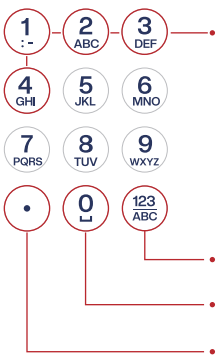


Printer

Part 2
INTRODUCTION

Key Functions





Shortcut Key

- 1 Colon / Hyphen, Access Weighing Records (Record Query Interface)
- 2 Set Weighing Session (Batch Configuration)
- 3 Connect to Ear Tag Reader via Bluetooth
- 4 Set Remark (Custom Notes Field)

- Number/Letter switch
- Long press to delete selected data or clear input
- Dot

Short press to power on the unit when powered off;Long press to power off the unit when powered on (Simplified: Short press for power-on, long press for power-off.)

ZERO — Zero/Tare the scale / Clear all stored data

REC — Record weight data / Perform reweighing / Edit EID (Electronic Identification, livestock ear tag) / View Session Summary

MENU — Enter main menu / Move input cursor

ENTER — Confirm selection / Enter submenu / Export data to USB flash drive

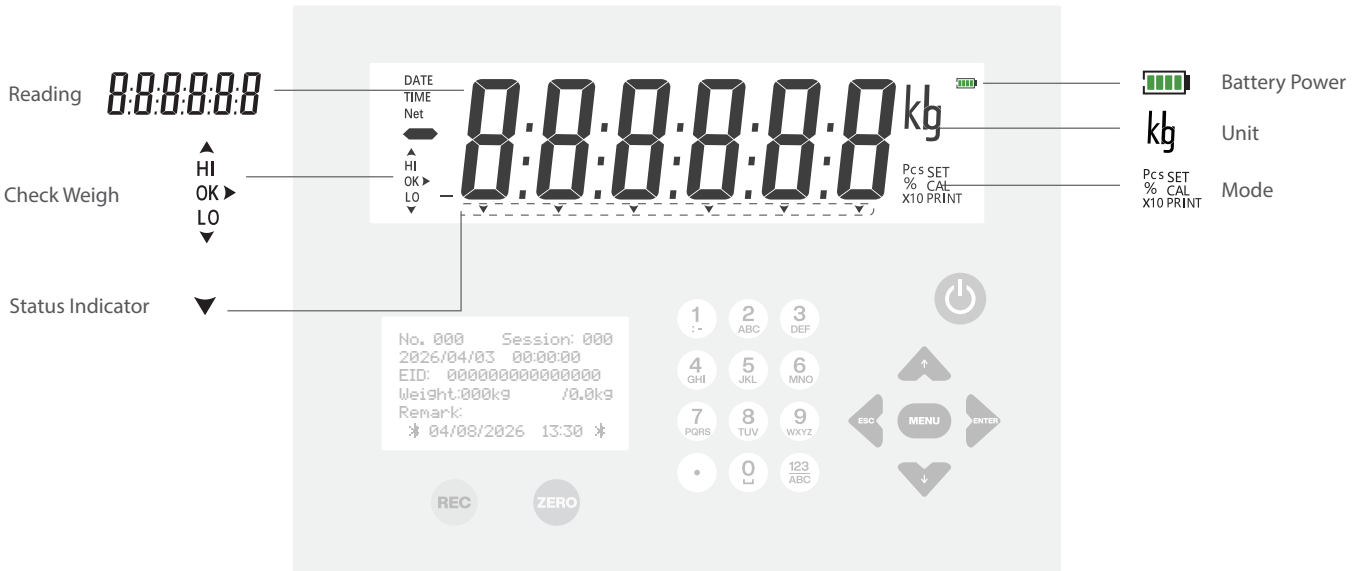
ESC — Return to the previous menu / Go back

Scroll to previous pages or menus

Scroll to next pages or menus

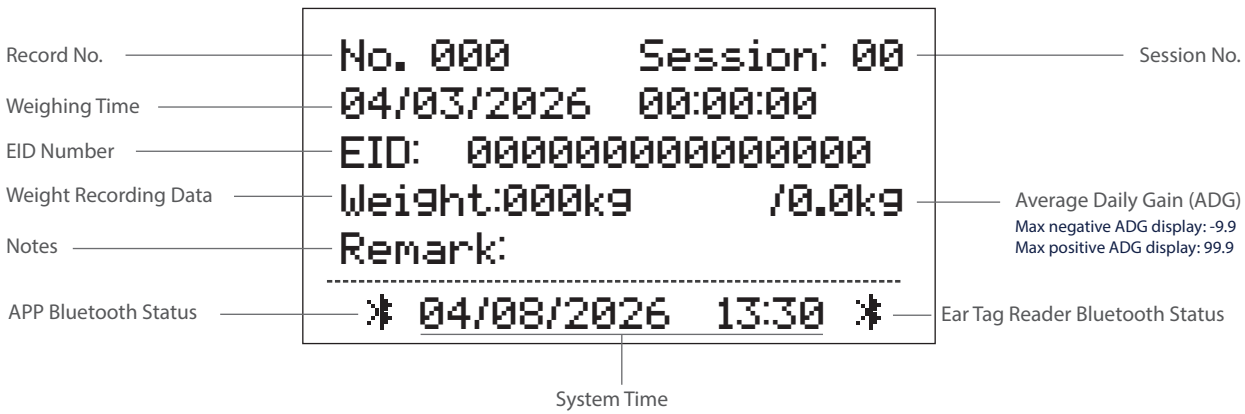
Display Panel

Main Screen

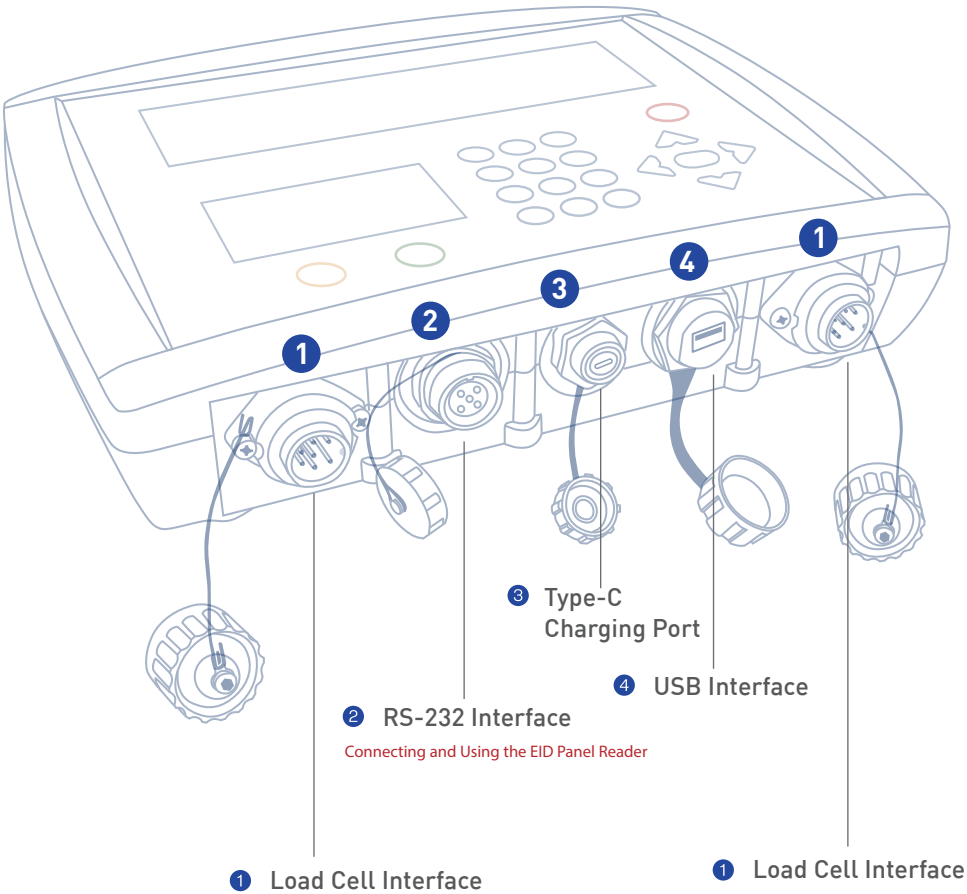


Tips:
When the battery level is low, the battery indicator flashes. It is recommended to recharge before use.

Second Screen



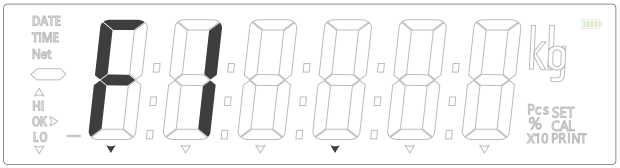
Interface Introduction



Part 3
BASIC SETTING

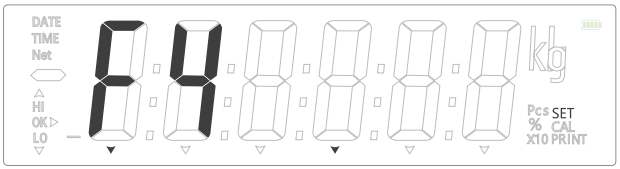
3.1 Language Setting

Press MENU to access the main menu; the display shows 【F1 】



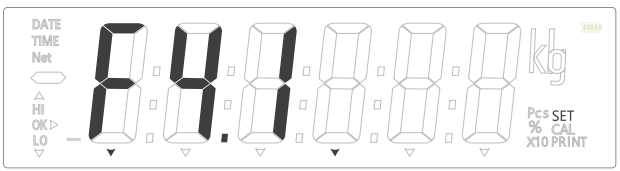


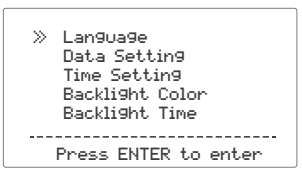
Press ▼ to select F4 (Basic Setting)



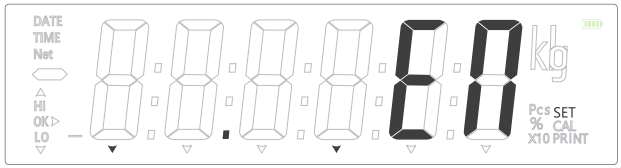


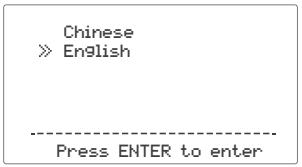
Press ENTER to enter; the display will show【F4.1 】(Language).





Press ENTER to enter the language selection menu. Use ▲ and ▼ to select the desired language, and then press ENTER to confirm the selection.



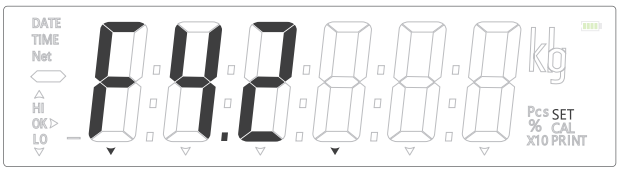


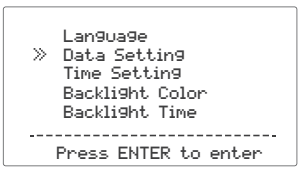
Chinese:
After selecting Chinese, the date format switches to Year/Month/Day (Y/M/D), and the headers of data exported via USB flash drive are displayed in Chinese.

English:
After selecting English, the date format changes to Month/Day/Year (M/D/Y), and the headers of data exported via USB flash drive are displayed in English.
For details on Chinese/English data export, refer to **Part 7**.

3.2 Date and Time Setting

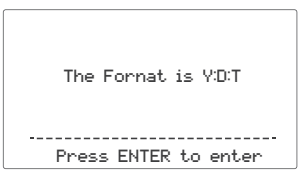
After completing the language configuration, navigate to 【F4.2 】 (Date Setting) using and then press to enter the date configuration interface.



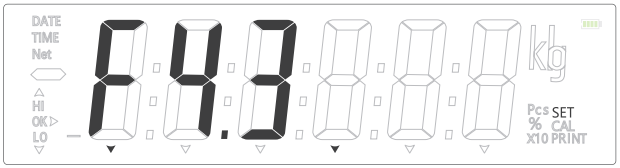


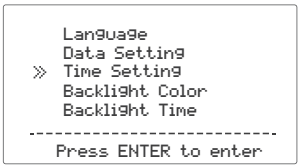
Use the numeric keypad to enter the year, month and day in sequence. This input sequence applies to both language modes. Press to confirm the setting.



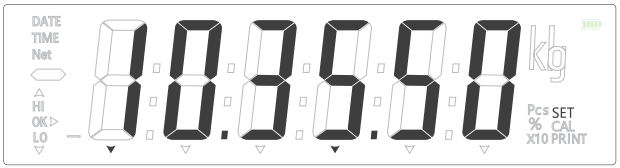


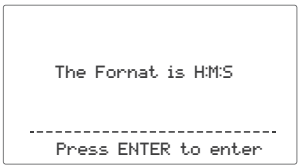
After successfully saving the date configuration, use ▲ and ▼ to highlight 【F4.3 】(Time Setting), then press ENTER to enter the time configuration submenu.



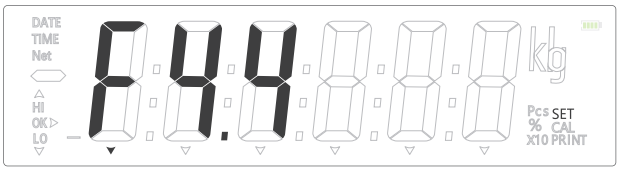


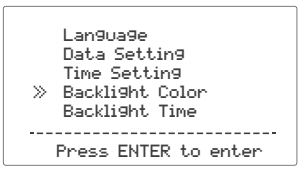
Use the numeric keypad to enter the hour, minute, and second in sequence, then press ENTER to confirm the time setting.

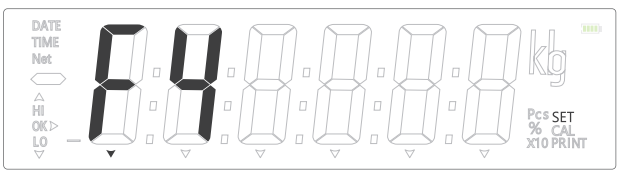




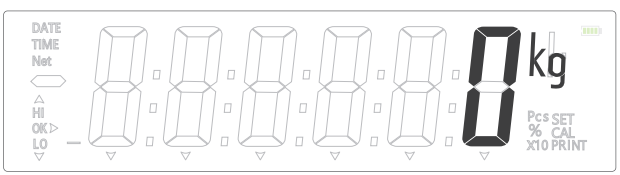
After confirming the time setting, the display shows 【F4.4 】. Press ESC to return to the 【F4 】(Basic Setting) menu, then press ESC again to return to the home screen. The configured date and time appear on the bottom line of the secondary LCD screen.

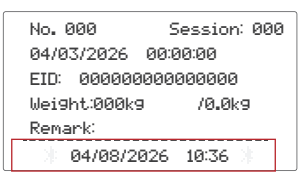






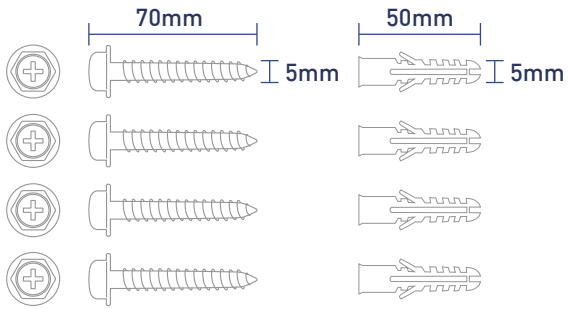


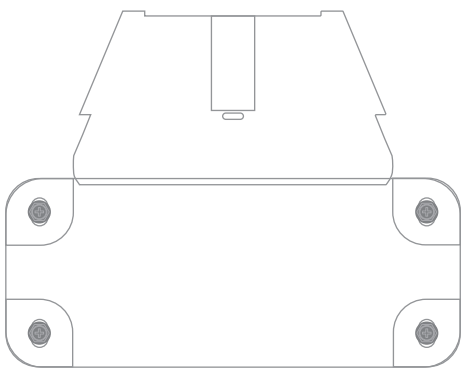


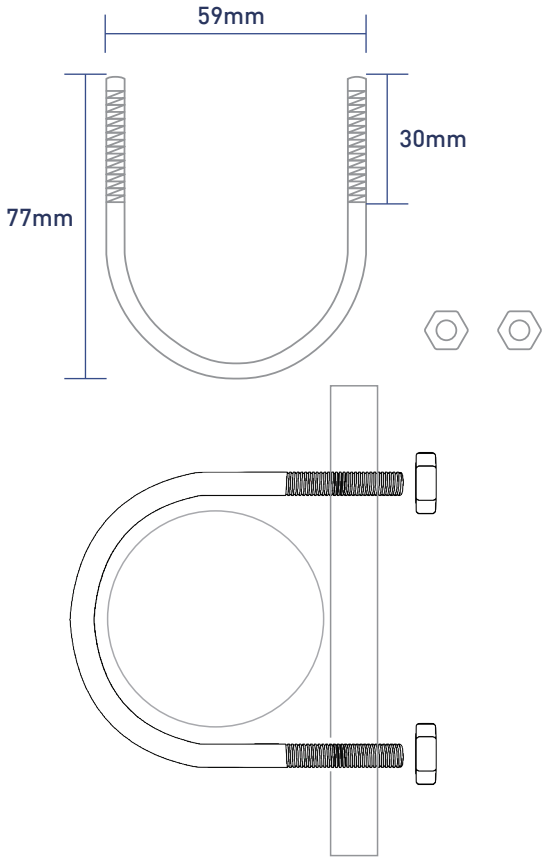


Part 4
BEFORE WEIGHING

4.1 Install the Bracket





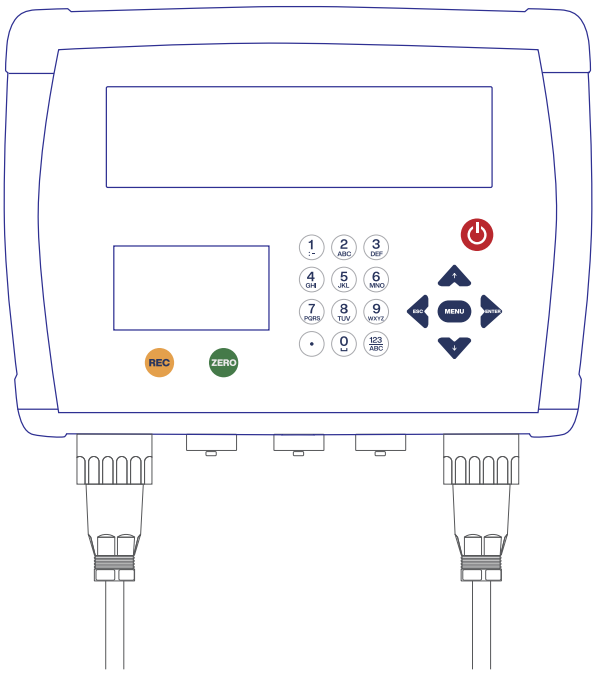


Two installation ways:

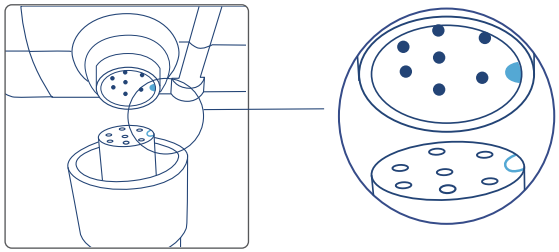
1. Mount the stand on a flat vertical surface or a round wooden post using the 4 screws provided with the unit;

2. Install the bracket on a vertical or horizontal pole and secure with "U" shaped bolts.

4.2 Connecting the Load Bars

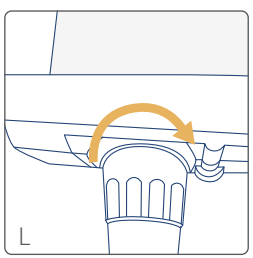


Step1.



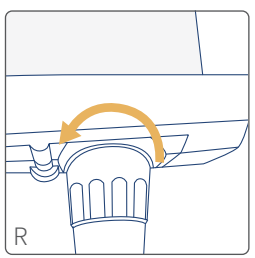
Hold the black plug and insert it into the hole. We have set up corresponding raised parts and recesses for proper alignment. (As shown in the green part of the figure)

Step2.



Turn clockwise to tighten.

Step3.



Tighten the other end in the same manner by turning counterclockwise.

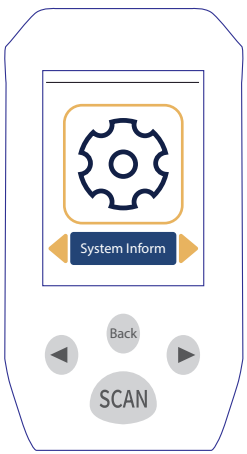
Tips:

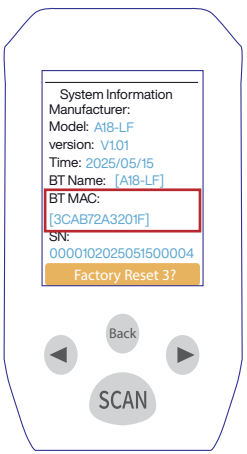
1. When removing the connector, hold the connector body itself. Do not pull it out by holding the blue cable, as this may cause damage and affect the weighing accuracy.

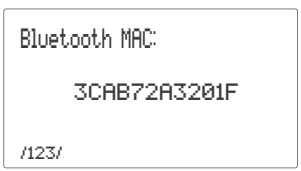
2. After use, cover the connector with the black cap to prevent dust from entering and causing blockages, which may affect precision.

4.3 Ear Tag Reader Connection

Power off the ear tag reader, then press SCAN once to power it on.
Press ◀ twice to display the System Information menu. Press SCAN to enter the menu, then check the displayed BT MAC address.







Press and hold 3 DEF on the weighing indicator; the BT MAC address of the target ear tag reader appears on the display.

Input Mode Switching & Character Entry

This section describes the operation for entering the BT MAC address (a combination of numbers and letters) during ear tag reader pairing:

A.Input Mode Indication

The bottom-left corner of the secondary LCD screen displays the current input status, clearly indicating whether the keypad is in numeric mode or alphabetic mode.

B.Mode Switching

Press 123 ABC to switch between the two input modes.

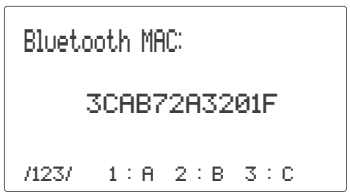
C.Character Entry

a. Numeric Mode: Directly press [0-9] to input digits.

b. Alphabetic Mode: The secondary screen displays the letters mapped to each numeric key (consistent with the markings on the keypad). Press the corresponding numeric key to input the desired letter.

D.Cursor Adjustment for Error Correction

If an incorrect character is entered, press MENU to move the cursor left/right, allowing you to adjust the input position and correct errors without re-entering the entire address.



Establishing and Verifying the Ear Tag Reader Connection

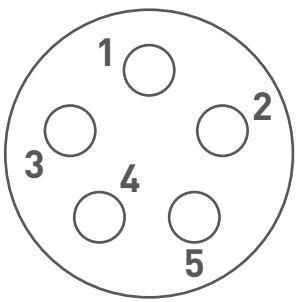
After entering the information, press ENTER to connect the ear tag reader. Once connected, the Bluetooth icon for the ear tag reader on the right remains lit.



4.4 Panel Reader Connection

Hardware Connection

This procedure is required only when using an optional panel reader to scan electronic ear tags. Connect the panel reader to the dedicated RS-232 interface of the weighing indicator. The indicator automatically recognizes supported panel reader data formats.



Indicator	Panel Reader
1	NULL
2	RX
3	tx
4	NULL
5	GND

Use either the EID Wand or Panel Reader. Do not connect both to the indicator simultaneously. When switching devices, follow these steps to avoid connection conflicts or EID reading issues:

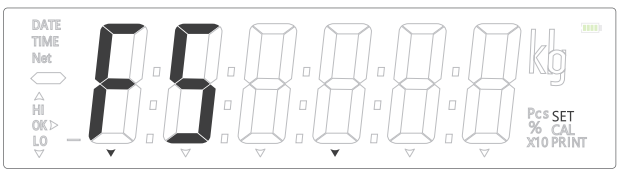
- Panel Reader to EID Wand: Turn off the indicator, disconnect the Panel Reader, then restart the indicator and connect the EID Wand.
- EID Wand to Panel Reader: Turn off both the indicator and EID Wand. Connect the Panel Reader, then restart the indicator. Keep the EID Wand off to prevent automatic reconnection.

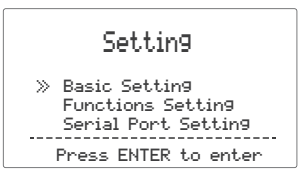
When using the Panel Reader, the newly scanned EID number must differ from the previously locked one to be recognized. This prevents duplicate records for the same animal. To reweigh a locked animal, delete its previously locked EID number first.

4.5 Automatic Ear Tag Collection Waiting Time

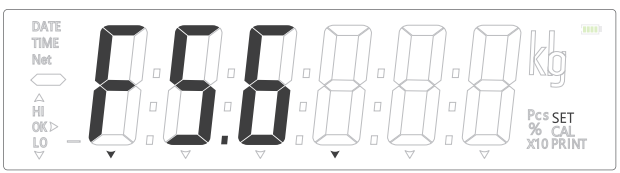
Accessing the Function Setting Menu (F5)

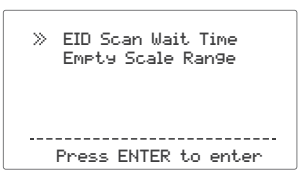
Press MENU to open the main menu. Use ▼ to select【F5 】, then press ENTER to enter the submenu.





Use ▼ to select【F5.6 】, then press ENTER to enter the submenu.





Setting the Waiting Time & Alarm Logic

A. Time Input

Use the numeric keypad on the operator panel to input the desired waiting time, measured in seconds (S).

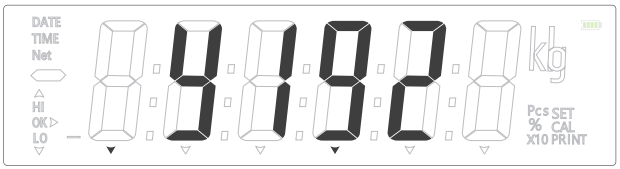
B. Mode-Specific Alarm Rules

Mode 1 (EID Alarm Mode):
When an animal steps onto the scale (weight detected), the system starts the set waiting time countdown. If no valid EID (ear tag) is scanned before timeout, the built-in buzzer beeps continuously to alert the operator of a missed scan.

Part 5
START WEIGHING

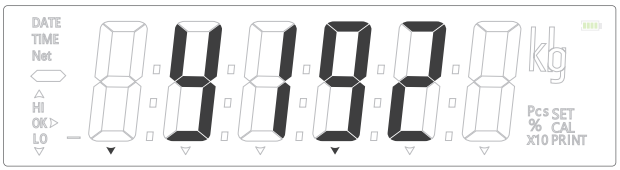
5.1 Power On

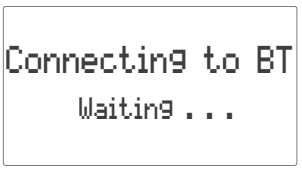
Press  . The model (Fox Pro) and firmware version (L2.07) appear on the display.



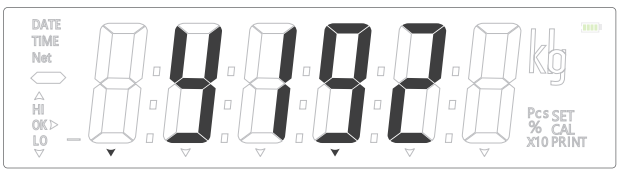


The indicator automatically connects to the previously paired ear tag reader via Bluetooth.



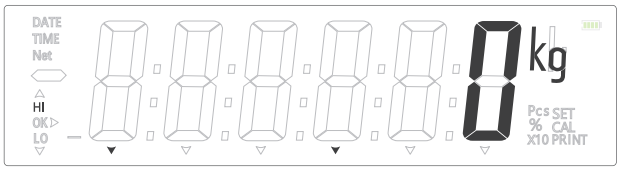


On successful connection, the weighing home screen displays directly. If the connection fails, the screen shows (Connection Error).





Normally, the indicator displays【 0】on the primary weight display after power-on stabilization. If residual weight remains, press ZERO to zero the indicator.





5.2 Weighing

Upper and Lower Limit Setting

This section configures the weight threshold alarms for livestock weighing, which filter invalid weights (e.g., debris on the scale, underweight/overweight animals) and trigger audible/visual alerts.

A.Setting the Weight Lower Limit (F5.2)

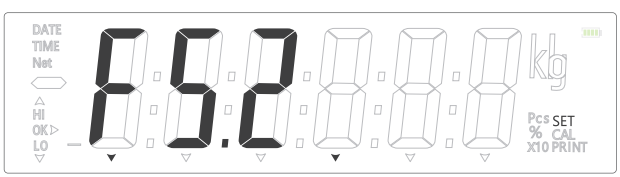
a. Press MENU to enter the main menu, then use ▼ to select 【F5 】(Function Setting) and press ENTER.

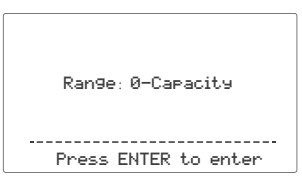
b. Use ▼ to select 【F5.2 】(Weight Low Limit) and press ENTER to access the setting screen.

c. Input the desired minimum weight threshold via the numeric keypad.

d. Press ENTER to save the setting and return to the **menu F5.2**

If you need to set the upper limit, please press ▼ to the menu F5.3 (The Part B.b next page)





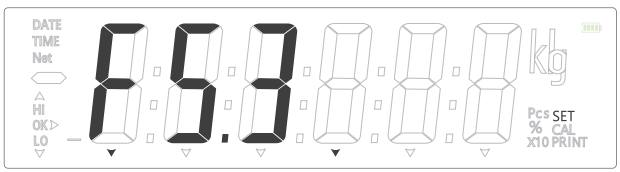
B. Setting the Weight Upper Limit (F5.3)

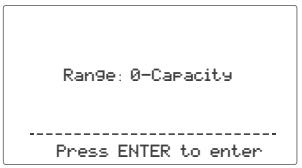
a. Press MENU to enter the main menu, then use ▼ to select 【F5 】 (Function Setting) and press ENTER .

b. Use ▼ to select 【F5.3 】 (Weight High Limit) and press ENTER to access the setting screen.

c. Input the desired maximum weight threshold via the numeric keypad.

d. Press ENTER to save the setting and return to the menu.





Weighing Mode Setup

Press MENU to enter the main menu, select 【F5.1 】(Weighing Mode Setting) and press ENTER to access the mode configuration screen, then choose your required operating mode.

Mode Definitions & Functions

Mode 1: EID Alarm Mode

This mode enables automatic data saving for livestock with electronic ear tags (EID). Once a stable weight is obtained, the operator must scan the animal's EID with the ear tag reader to bind the EID to the weight record and save the data. If the weight is stable but the EID has not yet been scanned, the indicator will prompt the operator to scan the EID before the record can be saved.

Mode 2: EID Mute Mode

Mode 2 supports livestock with or without EID and allows users to manually enter or customize the animal ID. Once the animal is on the scale and a stable weight reading is obtained, the system will automatically record the weight and ID information.

Mode 3: Manual Mode

This mode supports weighing with or without an EID. Users can manually enter or edit the animal ID as needed. When the weight reading becomes stable, press the REC button to manually save the weighing record.

Mode 4: Normal Mode

Weight is displayed only on the primary screen and is not locked to the secondary screen. This mode provides basic real-time weight display without data locking, automatic saving, or ear tag binding functions.

Mode 5: Upper/Lower Limit Alarm Mode

This mode provides real-time check weighing. The weight reading is not locked or recorded, allowing users to monitor the weighing result in real time.

Different backlight colors indicate the current weighing result for quick and easy reference:

- Yellow backlight: Weight is below the lower limit
- Blue backlight: Weight is between the lower and upper limits
- Red backlight: Weight is above the upper limit

Select the corresponding mode according to whether ear tags are used and whether automatic data saving is required. Refer to the table below for detailed mode selection instructions.

Table: Weighing Mode Selection Reference

Mode	EID Scanning Requirement	Automatic Record Saving Requirement	Manual ID Entry Requirement	Weight Display Requirement	Real-Time Check Weighing Requirement
Mode 1	○	○	○	○	—
Mode 2	○	○	○	○	—
Mode 3	○	—	○	○	—
Mode 4	—	—	—	○	—
Mode 5	—	—	—	○	○

Session Setting

There are two methods to access the Session configuration:

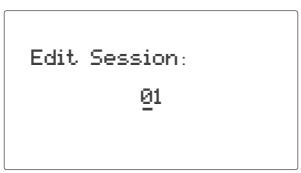
A. Shortcut Method

On the weighing home screen, press and hold 2 ABC to directly enter the Session setting interface.

B. Menu Navigation Method

Press MENU to enter the main menu, select 【F1 】 and press ENTER . Use ↓ to select 【F1.2 】 and press ENTER to access the Session setting interface.

You can use the number keys to edit the Session number.



Standard Weighing Process

Pre-Check: Verify that the weight displayed on the indicator is 【 0】. If not, press ZERO to zero the indicator.

Mode 1: EID Alarm Mode

Use Case: No manual recording trigger required; the indicator automatically locks weight data, suitable for batch weighing with automatic ear tag identification.

Operation Steps:

a. Guide the animal onto the load bar. Once the animal is fully stabilized, scan the ear tag using the ear tag reader.

b. The device automatically locks the weight on the secondary screen.

c. Post-Operation Options:
- To re-weigh: Press REC to reset the status and restart the weighing process.
- To complete without re-weighing: Guide the animal off the load bar directly to finish the current weighing.

Mode 2: EID Mute Mode

Use Case: No manual recording trigger required; the indicator automatically locks the weight reading, making it suitable for livestock weighing with or without EID identification.

A. Weighing Animals with EID Tags

a. First, scan the ear tag with the ear tag reader. Then, guide the animal onto the load bar.

b. The device automatically locks the weight on the secondary screen.

c. Post-Operation Options:
- To re-weigh: Press REC to reset the status and restart the weighing process.
- To complete without re-weighing: Guide the animal off the load bar directly to finish the current weighing.

B.Weighing Animals Without Ear Tags

a. Guide the animal onto the load bar. Once the animal is fully stabilized, maintain a stationary position for 2 seconds or longer.

b. The device automatically locks the weight information to the secondary screen to complete the current weighing.

c. Post-Operation Options:
- To re-weigh: Press REC to reset the status and restart the weighing process.
- To complete without re-weighing: Guide the animal off the load bar directly to finish the current weighing.

Note: If you need to manually enter an ID, before the animal steps onto the scale, press and hold REC to enter the animal ID, then press ENTER to confirm the ID.

Mode 3: Manual Mode

Use Case: This mode is designed for livestock weighing with or without EID identification. It allows the user to manually lock and record the weight, with support for manually entering an animal ID.

A. Weighing Animals with EID Tags

a. Guide the animal onto the load bar. Once the animal is fully stabilized, scan the ear tag using the ear tag reader.

b. Press REC to record the weighing result. The indicator will lock the current weight, bind it to the EID, and display the locked weight on the secondary screen to complete the current weighing operation.

c. Post-Operation Options:
- To re-weigh: Press REC to reset the status and restart the weighing process.
- To complete without re-weighing: Guide the animal off the load bar directly to finish the current weighing.

B.Weighing Animals Without Ear Tags

a.Once the animal is completely stable, press REC to record the weight. The indicator will lock the current weight and display the locked weight on the secondary screen to complete the current weighing.

b. Post-Operation Options:
- To re-weigh: Press REC to reset the status and restart the weighing process.
- To complete without re-weighing: Guide the animal off the load bar directly to finish the current weighing.

Note: If you need to manually enter an ID, before pressing REC to lock the weight, press and hold REC to enter the ID, then press ENTER to confirm the ID. After that, press REC to lock the weight.

Mode 4: Normal Mode

Use Case: For scenarios where no weighing record is required, and only real-time weight viewing is needed.

Operation Steps:

Place the animal or weight to be measured on the load bar.

Read the real-time weight data directly on the Main Screen.

Mode 5: Up/low Limit Alarm Mode

Use Case: Provides real-time weight display and weight-check alerts. Users can set their own upper and lower weight limits according to their requirements.

A.Weight Low Limit Setting

Press MENU and select 【F5 】, then press ENTER to enter. Select 【F5.2 】 and press ENTER.
Use the numeric keypad to enter the desired lower weight limit, then press ENTER to confirm.

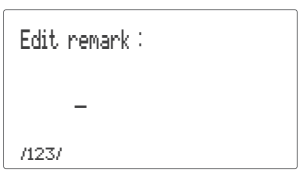
B.Weight Up Limit Setting

After setting the lower weight limit, the indicator will automatically return to the previous menu. Select 【F5.3 】 and press ENTER to enter. Use the numeric keypad to enter the desired upper weight limit, then press ENTER to confirm.

Once the above settings are complete, press ESC to return to the weighing screen. You can now perform real-time weight checking.

5.3 Adding Remarks

Prerequisite: The weight reading has been locked to the secondary display.
Press and hold the numeric key 4 GHI , or select 【F1.3 】from the menu to enter the remark input screen.
The remark field accepts a maximum of **6** alphanumeric characters. The input method is identical to that specified in **Section 4.3 (Ear Tag Reader Connection)**.
Press the ENTER key after completing the input. The remark will be linked to the currently locked weight record.

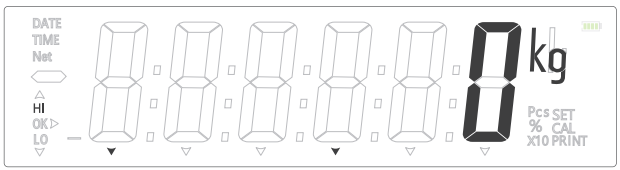


Part 6
RECORD QUERY

To view historical weighing records, you can access the Record Query function via either method below:

A. Shortcut Access

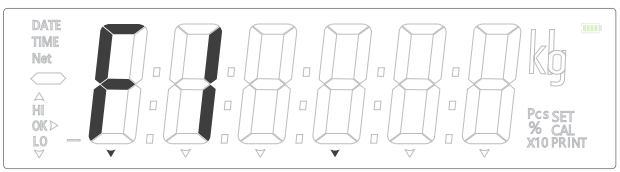
On the weighing home screen (default after power-on), press and hold 1 to enter directly.



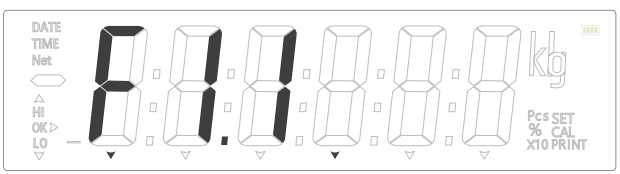


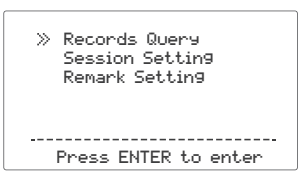
B. Menu Access

Press MENU to enter the main menu, select 【F1.1 】(Records Query), then press ENTER to open the record interface.





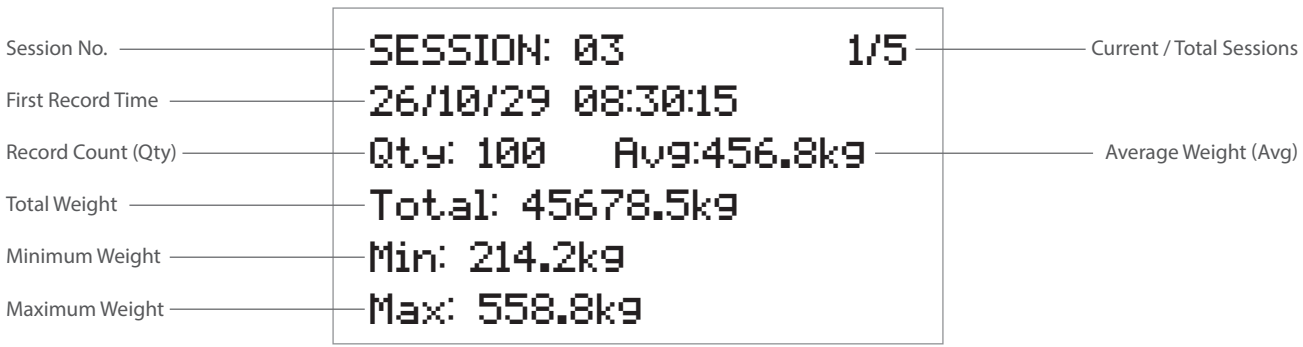




C. Session Summary Information Viewing

On the Record Query screen, briefly press REC to calculate the Session Summary.
Use ▲ or ▼ to view other Sessions, or press ESC to return.

Session Summary

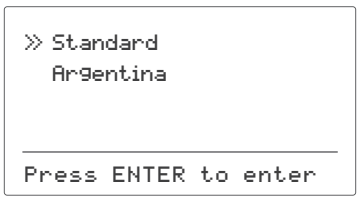


Tips: Qty is the count of saved records, including duplicate animal records.

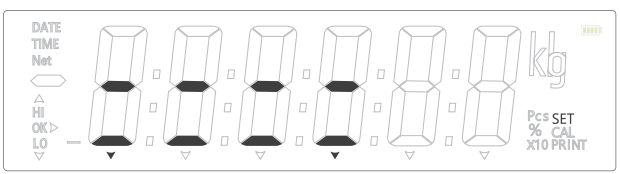
Part 7
TRANSFER DATA

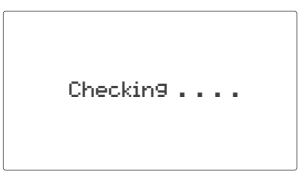
7.1 USB Transmission

Insert the USB flash drive into the USB port. Press and hold (1) to enter the Record Query screen, then press ENTER. The second screen will appear as shown below:



Use ↑ or ↓ to select the desired export format, then press ENTER to confirm and start exporting. Upon completion, the system returns to the Record Query interface automatically.





7.2 Exported File Name and Format

After data transfer is complete, remove the USB flash drive from the weighing indicator and insert it into a computer. The exported data file is named with the prefix "F" followed by the date

Standard Format

The Standard Format export is in CSV format and includes the following fields:
No.- Session- Date- Time- EID- Weight- ADG- Remark

	A	B	C	D	E	F	G	H
1	No.	Session	Date	Time	EID	Weight	ADG	Remark
2	1	Session01	2026-08-01	17:41:24	900247002440165	156	2.3	M-H
3	2	Session01	2026-08-01	17:44:01	982091100309120	103	1.5	H-AA
4	3	Session01	2026-08-01	17:45:02	982091101310001	127	2	M-B
5	4	Session01	2026-08-01	17:45:43	900247002440176	199	0.5	M-HA
6	5	Session01	2026-08-10	12:07:32	982091100427586	134	2	M-HA
7	1	Session02	2026-08-11	12:07:50	982091100427520	138	2.5	M-HA
8	2	Session02	2026-08-11	12:09:14	982091100427290	139	0.3	M-HA
9	3	Session02	2026-08-11	12:15:41	982091100427410	297	0.2	M-H
10	4	Session02	2026-08-11	12:35:53	982091100427586	94	5	M-H

Argentina Format

The Argentina Format export is in TXT format and includes the following fields:
EID-Sex*-Breed Code*-Data(Month/Year);

900247002440165-M-H-08/2026;982091100309120-H-AA-08/2026;982091101310001-M-B-08/2026;

*Sex and Breed Code must be entered in the Remark field first.

Part 8
DELETING DATA

This section outlines the procedures for removing weighing data records from the device, including Selective Deletion and Delete All operations.

8.1 Selective Deletion

A.To delete the currently displayed weight data on the secondary screen

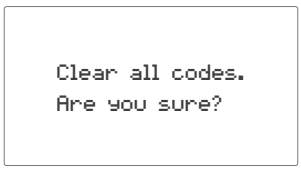
Press and hold 0 to delete the targeted record.

B.To delete a previous historical data record

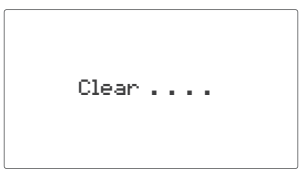
Navigate to the Record Query interface. Use  and  to page through the records until you locate the data you wish to delete. Press and hold 0 to delete the selected record.

8.2 Delete All

Navigate to the Record Query interface and press ZERO . The display shows the confirmation prompt: (Clear all codes. Are you sure?)



Press ENTER to confirm and start full data deletion. Upon completion, the system returns to the weighing home screen automatically.





V.26.11.02-2.07.6