

A brown and white cow is positioned inside a metal weighing scale. The scale is a large, rectangular metal frame with a digital display on the right side. The display shows the number "585". A blue cable is connected to the scale. In the background, there is a wooden fence and a grassy field with several other cows grazing under a clear blue sky.

Hi Rancher

FOX Pro Weighing Indicator User Quick Start

V.26.07.01

Hi Rancher

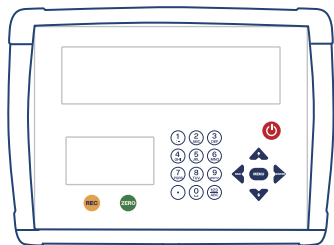
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Part 1

UNBOXING

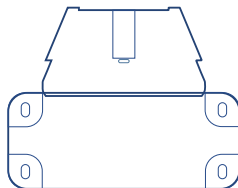
Standard



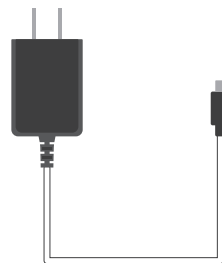
FOX Pro Indicator

Operating Temperature: 10°C-40°C

Charging Specification: 5V1A



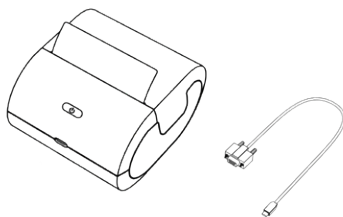
Bracket



Power Adapter

Optional configuration

Optional

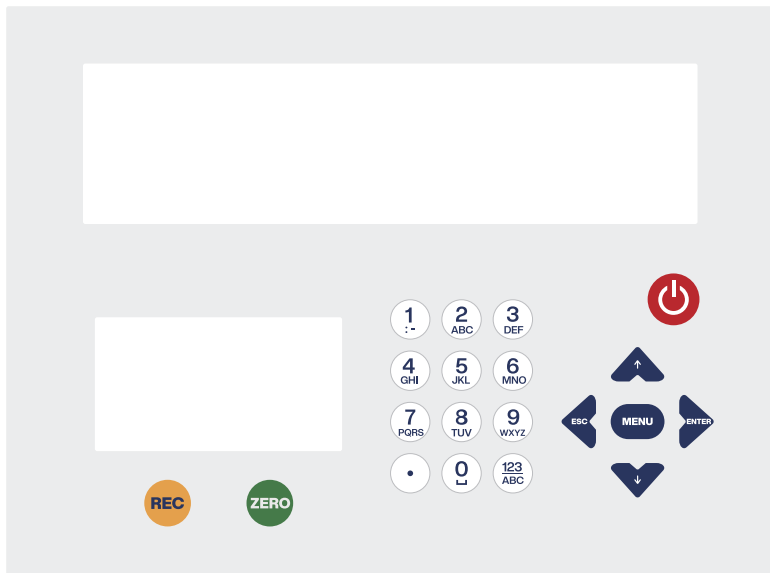


Printer

Part 2

INTRODUCTION

Key Functions



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.)



Scroll to previous pages or menus



Scroll to next pages or menus



Return to the previous menu / Go back



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



Enter main menu / Move input cursor



Zero/Tare the scale / Clear all stored data



Record weight data / Perform reweighing / Edit EID (Electronic Identification, livestock ear tag)



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)

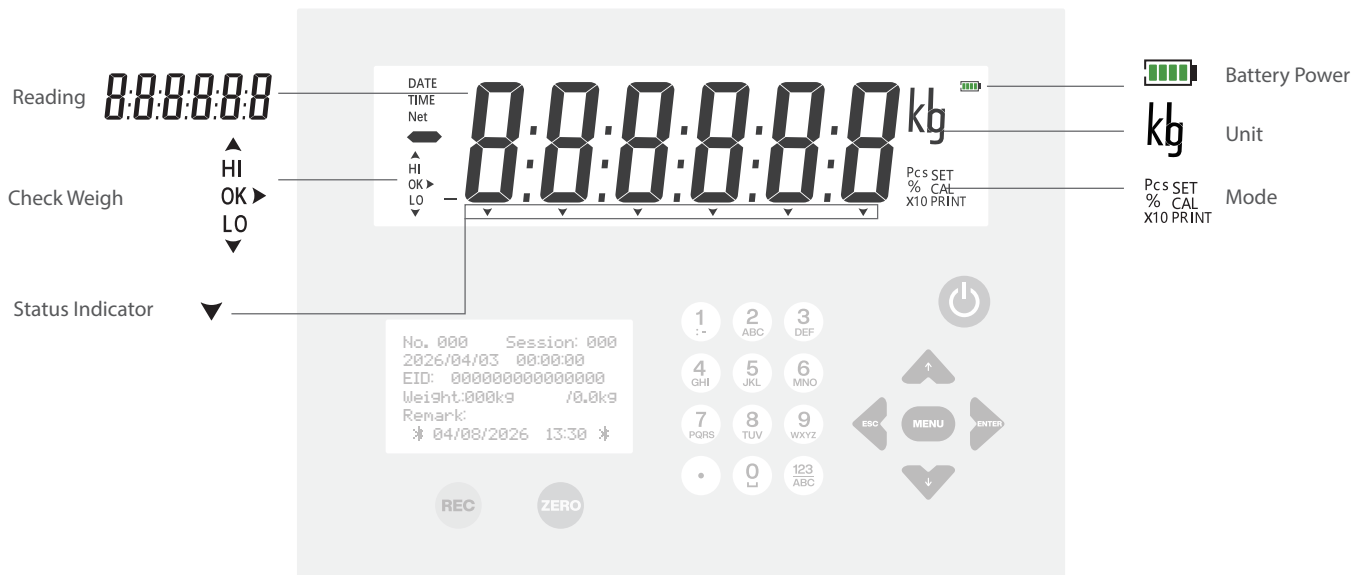
• Number/Letter switch

• Long press to delete selected data or clear input

• Dot

Display Panel

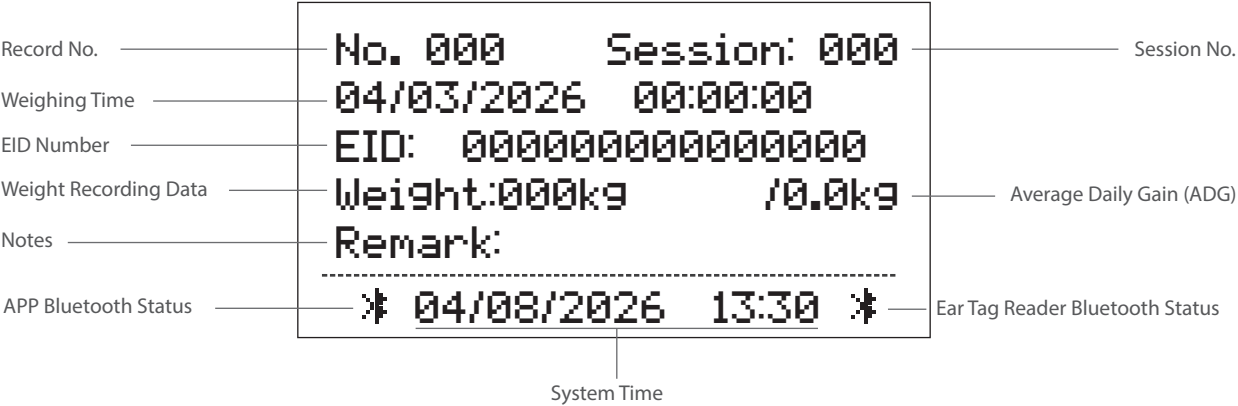
Main Screen



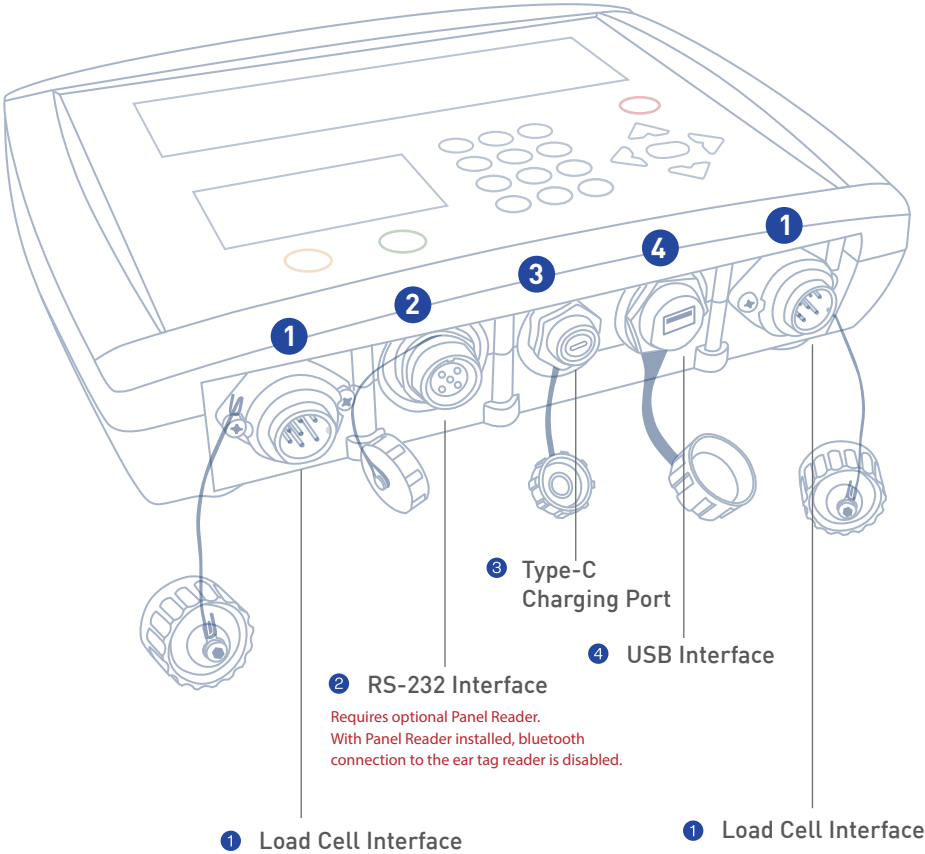
Tips:

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

Second Screen



Interface Introduction

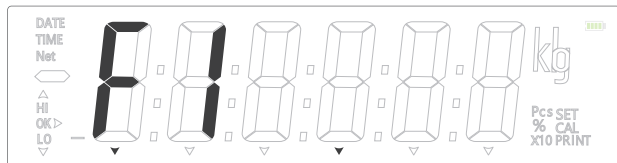


Part 3

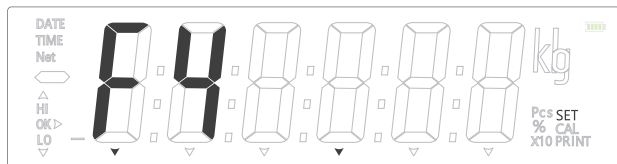
BASIC SETTING

3.1 Language Setting

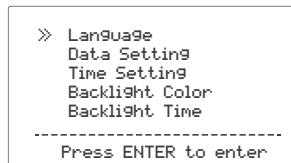
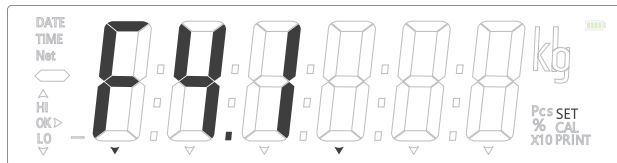
Press  to access the main menu; the display shows **【F1】**



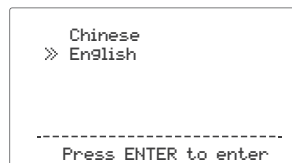
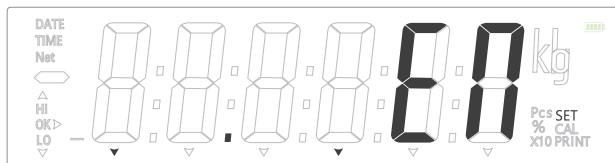
Press  to select F4 (Basic Setting)



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



Press  to enter the language selection menu. Use  and  to select the desired language, and then press  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.

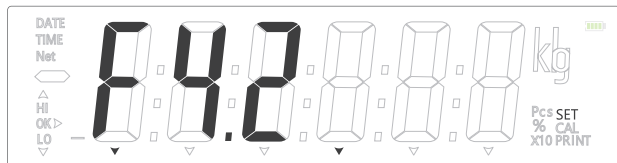
English:

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.

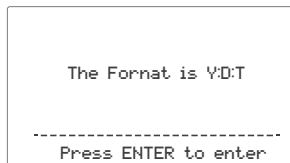
For details on Chinese/English data export, refer to **Part 7**.

3.2 Date and Time Setting

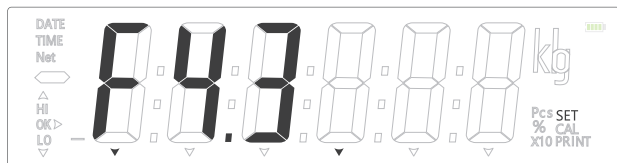
After completing the language configuration, navigate to **【F4.2】** (Date Setting) using  and  then press  to enter the date configuration interface.



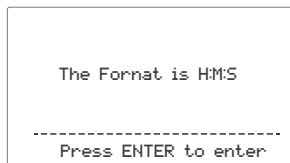
Use the numeric keypad to enter the year, month and day in sequence. This input sequence applies to both language modes. Press  to confirm the setting.



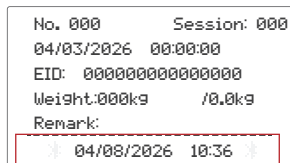
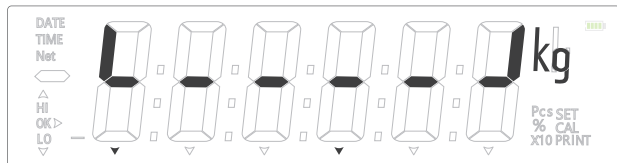
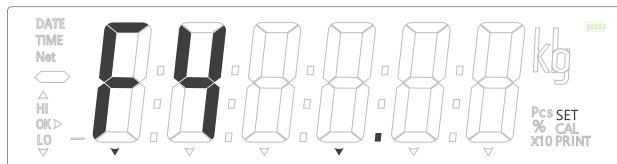
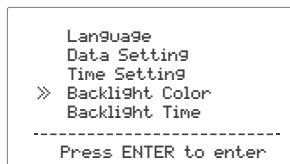
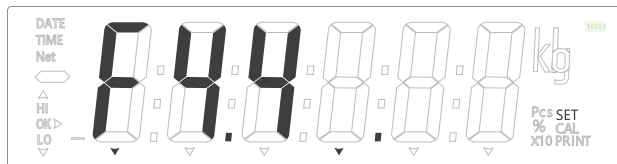
After successfully saving the date configuration, use  and  to highlight **【F4.3】** (Time Setting), then press  to enter the time configuration submenu.



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



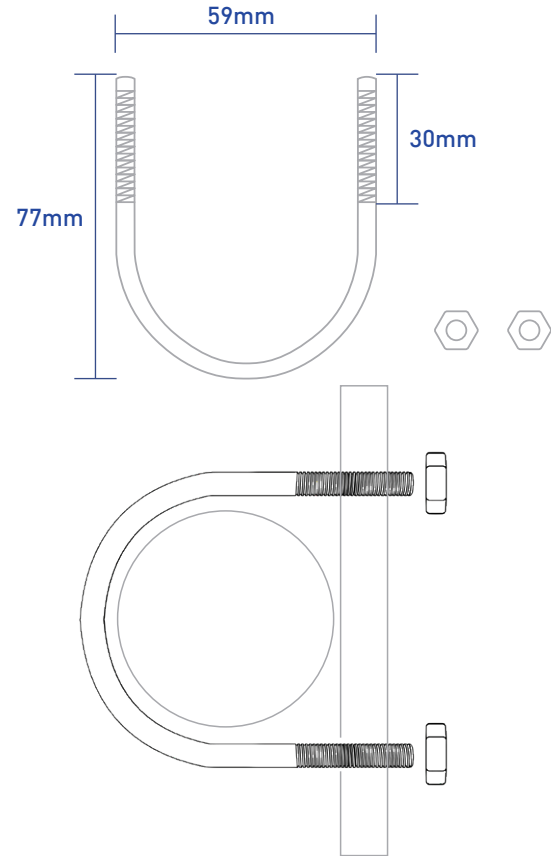
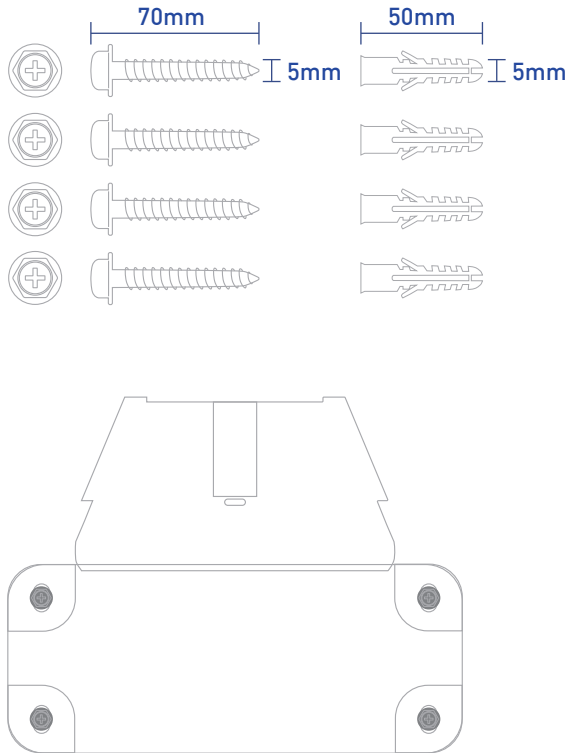
After confirming the time setting, the display shows 【F4.4】. Press  to return to the 【F4】 (Basic Setting) menu, then press  again to return to the home screen. The configured date and time appear on the bottom line of the secondary LCD screen.



Part 4

BEFORE WEIGHING

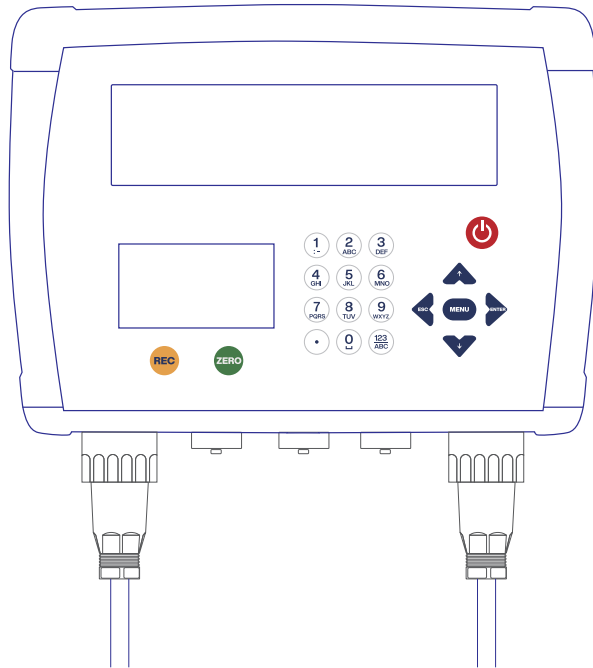
4.1 Install the Bracket



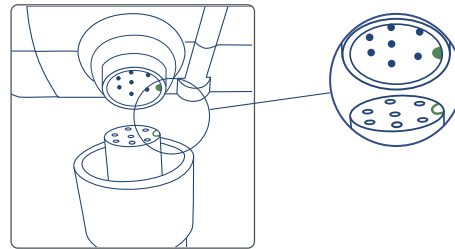
Two installation ways:

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

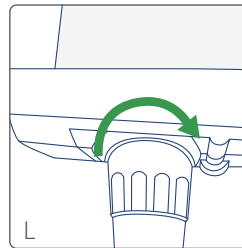


Step1.



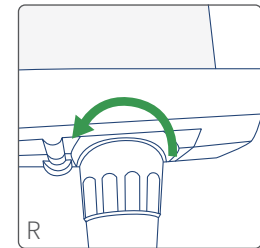
Hold the black plug and insert it into the hole. We have set up corresponding raised parts and recesses for proper alignment. (As shown in the green part of the figure)

Step2.



Turn clockwise to tighten.

Step3.



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

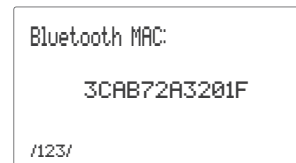
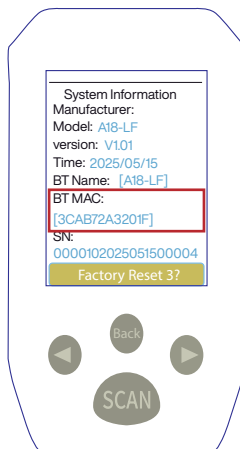
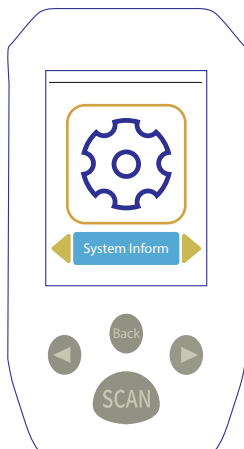
Tips:

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  to switch between the two input modes.

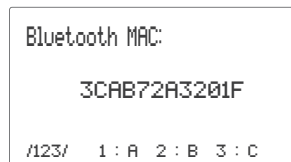
C. Character Entry

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  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  to connect the ear tag reader. Once connected, the Bluetooth icon for the ear tag reader on the right remains lit.

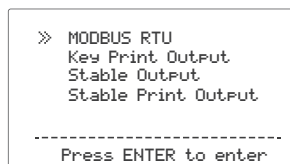
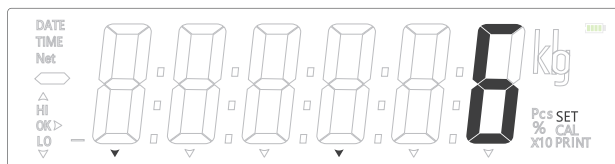
```
No. 000      Session: 000  
04/03/2026  00:00:00  
EID: 0000000000000000  
Weight:000kg      /0.0kg  
Remark:  
-----  
* 04/08/2026  13:30 *
```

4.4 Panel Reader Connection

Applicability: This procedure is only required when using ear tags and the panel reader for ear tag scanning. Skip this entire section if no ear tags are in use.

Communication Protocol Configuration

- A. Press  to enter the system settings menu.
- B. Select **[F6.1]** (Protocol Selection) to access the protocol configuration interface.
- C. Press  to select option **[6]** (MODBUS RTU), then press  to confirm the selection.
- D. Press  to return to the main weighing home screen.



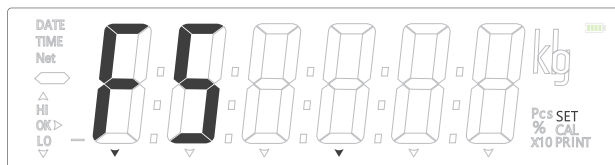
Hardware Connection

Connect the RS-232 connector to the panel reader.

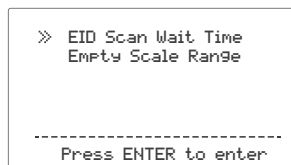
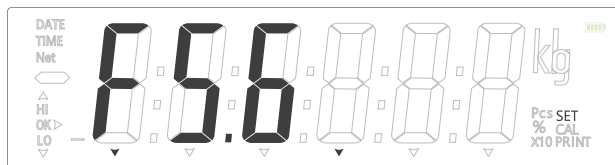
4.5 Automatic Ear Tag Collection Waiting Time

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

a. Mode 2 (Automatic EID Collection 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.

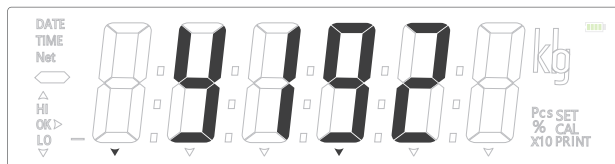
b. Mode 4 (Manual Recording Mode): When an animal steps onto the scale (weight detected), the system starts the set waiting time countdown. If  is not pressed to save the weight record manually before timeout, the built-in buzzer beeps continuously to remind the operator to complete the recording.

Part 5

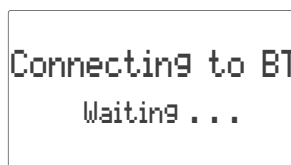
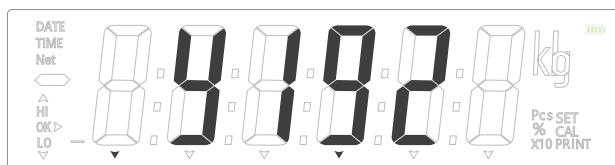
START WEIGHING

5.1 Power On

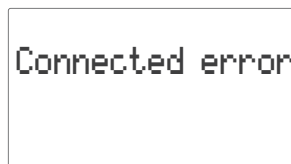
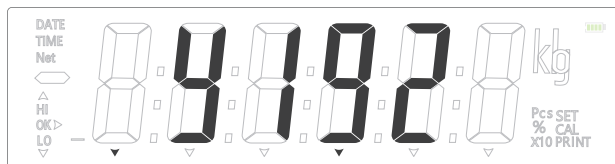
Press  . The model (Fox Pro) and firmware version (L2.05) appear on the display.



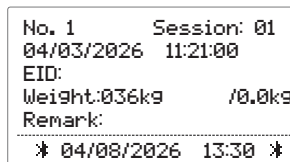
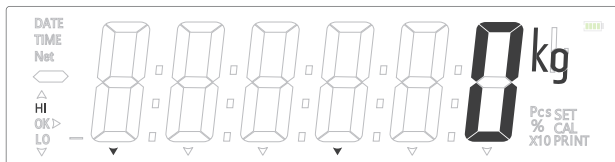
The indicator automatically connects to the previously paired ear tag reader via Bluetooth.



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.



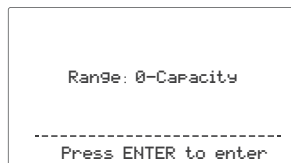
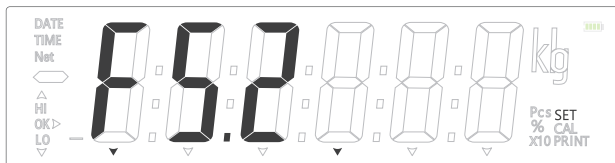
5.2 Weighing

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)

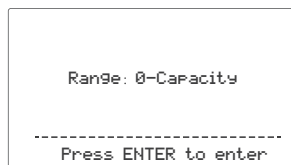
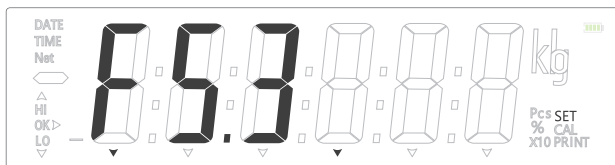
- Press **MENU** to enter the main menu, then use  to select **【F5】** (Function Setting) and press .
 - Use  to select **【F5.2】** (Weight Low Limit) and press  to access the setting screen.
 - Input the desired minimum weight threshold via the numeric keypad.
 - Press  to save the setting and return 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)



Tips: Entering 0 will deactivate the lower limit function.

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

- Press **MENU** to enter the main menu, then use  to select **【F5】** (Function Setting) and press .
- Use  to select **【F5.3】** (Weight High Limit) and press  to access the setting screen.
- Input the desired maximum weight threshold via the numeric keypad.
- Press  to save the setting and return to the menu.



Tips: Entering 0 will deactivate the upper limit function.

Weighing Mode Setup

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

Mode Definitions & Functions

Mode 1: Conventional Weighing 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 2: Automatic Ear Tag Mode (Auto-save data; compatible with animals with or without ear tags)

This mode enables automatic data saving, and works for livestock with or without electronic ear tags (EID). The system automatically captures ear tag IDs (if detected) and bind them to weight records, then save the data to the system without manual intervention.

Mode 3: Automatic Numbering Mode (F3.1 = 3)

The system automatically generates a unique sequential number for each weighing record and saves the data automatically. This mode is designed for use cases where no electronic ear tags are installed, but automatic batch numbering for livestock management is required.

Mode 4: Manual Weighing Mode (F3.1 = 4)

(Manual data saving; compatible with animals with or without ear tags)

Weighing data must be manually saved by pressing REC. This mode supports livestock with or without ear tags, and requires operator confirmation to store records, providing maximum flexibility for manual review and control of data saving.

Mode 5: Upper/Lower Limit Alarm Mode (F3.1 = 5)

This mode adds a backlight check weighing function based on **Mode 1**:

- 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

Ear Tag Present	Auto-save Data Required	Auto-numbering Required	Mode
Optional works with or without ear tags	✓	✗	Mode 2
	✓	✗	Mode 2
✗	✓	✓	Mode 3
Optional works with or without ear tags	✗	✗	Mode 4
	✗	✗	Mode 4

Session Setting

There are two methods to access the Session configuration:

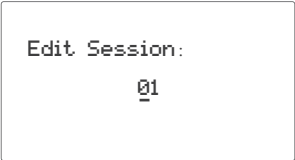
A. Shortcut Method

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

B. Menu Navigation Method

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

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



Edit Session:
01

Standard Weighing Process

Pre-Check: Verify that the weight displayed on the indicator is **【 0】** . If not, press  to zero the indicator (Zero Calibration).

Mode 1: Quick Weighing 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 2: Auto-Sensing Recording Mode

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

Operation Steps:

A. Weighing Animals with Ear 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. 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. Guide the animal off the load bar. The device automatically locks the weight information to the secondary screen to complete the current weighing.

Mode 3: Prefix Code Auto-Increment Mode

Use Case: Automatically generate prefix-based auto-incrementing serial numbers for weighing records (e.g., batch numbers), enabling batch weighing without ear tags.

Operation Steps:

A. Prefix Code Setting

- a. Long press  to enter the prefix code editing interface.
- b. Manually input the prefix characters for the serial number, with a maximum of 6 characters available. Unedited positions are filled with spaces by default.
- c. Exit the editing interface after completing the setting.

Important Rule:

Each time the prefix code is modified, the subsequent auto-incrementing serial number will reset counting from 1.

B. Weighing Operation

- a. Guide the animal onto the load bar. The device automatically locks the weight information to the secondary screen and generates the weighing number automatically following the "Prefix + Incrementing Number" rule.
- 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.

Numbering Rule Example:

If the preset prefix is (AABBCC) the automatically generated weighing numbers will be: (AABB-CC1), (AABBCC2), (AABBCC3), ...

Mode 4: Manual / Scan Recording Mode

Use Case: Require manual binding of ear tag numbers, supporting both scan and manual input for number entry, suitable for accurate individual weighing records.

Operation Steps:

A. Weighing Animals with Ear Tags

a. Guide the animal onto the load bar. Once the animal is fully stabilized, select one of the following methods to enter the number:

- Method 1 (Scan Entry): Scan the ear tag using the ear tag reader.

- Method 2 (Manual Entry): Long press  to manually input the ear tag number, then press  again to confirm and record.

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

c. Post-Operation Options:

- To re-weigh: Press  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.** Press  to manually record the weight. The device locks the weight information on the secondary screen.
- c.** Guide the animal off the load bar to complete the current weighing.

Mode 5: Quick Weighing 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.

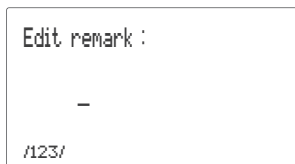
5.3 Adding Remarks

Prerequisite: The weight reading has been locked to the secondary display.

Press and hold the numeric key , 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  key after completing the input. The remark will be linked to the currently locked weight record.



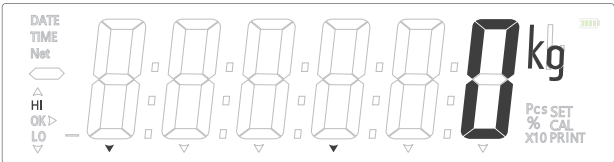
Part 6

RECORD QUERY

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

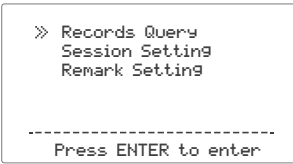
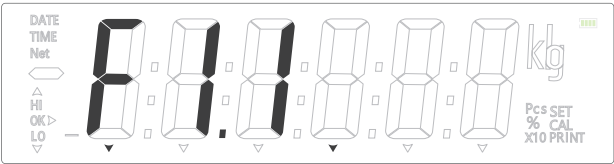
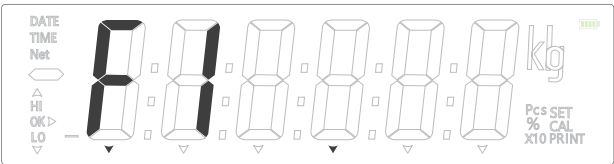
A. Shortcut Access

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



B. Menu Access

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



Part 7

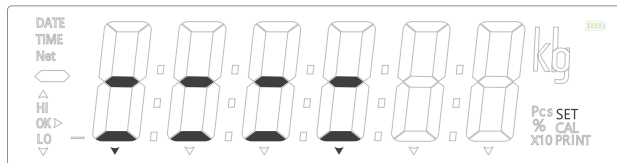
TRANSFER DATA

7.1 USB Transmission

Insert the USB flash drive into the USB port. Navigate to the Record Query interface and press . The display will prompt: (Check out codes. Are you sure?).

Check out codes.
Are you sure?

Press  to start data transfer. Upon completion, the system returns to the Record Query interface automatically.



Checking9

7.2 USB File Naming

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 [e.g., F260410.CSV].



The English version of the file is shown in the figure below.

	A	B	C	D	E	F	G
1	No.	Group	Date	Time	Ear lab	Weight	Remark
2	1	1	2026-04-	16:26:09	Eartag1	13	
3	2	1	2026-04-	16:26:17	Eartag2	10	
4	3	1	2026-04-	16:27:24	Eartag3	11	
5	4	1	2026-04-	16:27:32	Eartag4	0	
6	5	1	2026-04-	16:27:42	Eartag5	0	
7	6	1	2026-04-	16:27:48	Eartag6	14	
8							
9							
10							

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

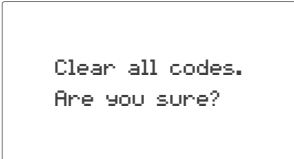
Press and hold  to delete the targeted record.

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  to delete the selected record.

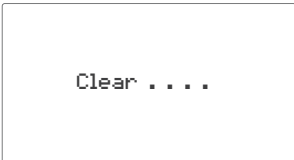
8.2 Delete All

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



Clear all codes.
Are you sure?

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



Clear



Hi Rancher

V.26.07.01