

GETTING STARTED

- ◆ Connect the two loadbar cables to the loadbar sockets marked on the rear of the indicator.

Use the *Iconix* AC adaptor, or:

Attach the battery cable to the FX1+ and clip onto a 12V DC battery (car, tractor battery etc). ENSURE CORRECT POLARITY: red clip to +, black clip to –.

- ◆ Press the **ON** key. The FX1+ initially displays the firmware version number e.g. 'P 3 . 0 7'. Then the FX1+ shows the type of loadbars attached: 'S C R L . 1' for standard loadbars or 'S C R L . 3' for heavy-duty.

- ◆ The scale will automatically return to zero. When complete, the ZERO pointer ▲ will show that the scale is at zero.

Note: If a large load (such as a partly filled wool bale in a wool press) remains on the scale from previous use, the last weight will be displayed. The operator can resume the weighing session from where last finished.

Alternatively, press **ZERO** to return the scale to zero.

- ◆ If this is a new weighing session, the operator will probably want to start with cleared statistics, if Statistics are enabled in Set-Up (see STATS KEY below).
- ◆ Check that the ZERO pointer ▲ is displayed. Load the animal on to the platform. Press **WEIGH** (press + in the centre of the yellow cursor button). The animal is accurately weighed and the result locked on the display (in HOLD mode). Statistics are updated, if enabled.
- ◆ Remove the animal from the weighing platform. The last animal's weight remains locked on the display. Check that the ZERO pointer ▲ is displayed between animal weighings. If the ZERO pointer does not appear, hold the next animal back, keep hands etc. clear of the crate and press **ZERO**. The scale will return to zero and the weighing session can proceed.
- ◆ When weighing is finished, switch the indicator **OFF**.

WEIGH KEY

To weigh an animal on the scale, press **WEIGH** – i.e. press + in the centre of the cursor button.



The animal is accurately weighed and the result locked on the display (in HOLD mode). Statistics are updated, if enabled in Set-Up. For a complete description of the weighing process, see the GETTING STARTED section above.

DELETE KEY

If there has been a problem with the weighing, press **DELETE** to delete the last weighing from the statistics (if enabled). 'd E L E T' is displayed as confirmation. It is only possible to delete the last weighing immediately after the animal has been weighed. 'n o n E' is displayed if deletion is not possible.

STATS KEY

Basic statistics are available, if enabled in Set-Up. Normally statistics would be cleared at the start of a new weighing session. Alternatively, new weighings may be added to a previous weighing session.

Scroll through the statistics using **STATS**. Flashing digits indicate that statistics are being displayed.

They are displayed in the following order:

n o . - number of animals weighed
A U G - average weight

A final press of **STATS** returns the scale to the weighing mode.

Rather than scrolling through all statistics, you may exit at any point by pressing **WEIGH**.

CLEARING STATISTICS

All statistics are cleared by pressing **DELETE** while any of the statistics are flashing on the display. The operator is then prompted with the message 'd E L . P'.

Press **DELETE** again within 2 seconds to confirm. 'd E L E T' is displayed if statistics have been cleared.

BATTERY VOLTAGE

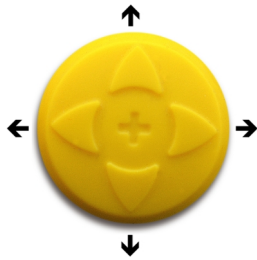
To display the voltage of the external battery, hold down **STATS** for 2 seconds until the voltage is shown, e.g. '12 . 4 U' for 12.4 volts. The normal operating range is from 12.0 to 12.8V. Below 12.0V, the battery will soon need to be recharged.

**IF THE FX1+ IS DETACHED FROM THE LOADBARS,
ENSURE THAT THE WEATHERPROOF CAPS ARE
FIRMLY INSTALLED ON ALL CONNECTORS**

SET-UP KEY

NOTE: FX1+ user settings apply only to the currently connected scale e.g. standard loadbars on Scale 1. Changing these settings has no effect on the other two scales.

Changing the setting and stepping between settings is done with the cursor button.



To change the current setting, press **↑** or **↓**.

To save and step on to the next setting, press **→**.

To save and step back to the previous setting, press **←**.

To save and exit Set-Up, press **SETUP**.

On exit, 'S R U E d' is displayed while the settings are being stored. The FX1+ then returns to the normal weighing mode.

The user settings are as follows:

1. MODE	<i>H O L D</i>	Hold mode (default)
	<i>r A C E</i>	In-Race mode
	<i>S P E E d</i>	Speed mode
	<i>F r E E</i>	Free mode

The operator can choose between FREE mode and three variations on HOLD mode, as indicated by the HOLD pointer **▲** on the display when in normal operation.

HOLD Mode

Pressing **WEIGH** starts an averaging process, which then displays the accurate weight of the moving animal. Each weight is added to the statistics and locked on the display until the next key press.

RACE Mode

A version of HOLD mode for weighing cattle in a race, where the weighing result may be affected by the animal leaning against the race. Wait until the animal has been clear of the race for about 1.5 seconds, then press **WEIGH**.

SPEED Mode

A fast version of HOLD mode with a 1.3 second weigh time. Only for use with special crates that restrict animal movement, allowing faster weighing.

FREE Mode

The display is continuously updated with the weight on the scale. If **WEIGH** is used, the averaged weight is briefly displayed and added to the statistics. FREE mode is suitable for static load weighing, not for weighing animals.

2. STATISTICS

S t A t . 0 Off (default)
S t A t . 1 On

The standard factory setting is Statistics OFF. With Statistics ON, for every press of **WEIGH**, the new weighing is added to a running total of the number of animals weighed and their average weight. See *STATS KEY* above.

3. ZERO-TRACKING

Z E r 0 . 1 On (default)
Z E r 0 . 0 Off

Zero-tracking automatically restores the scale to zero, by "tracking out" small amounts of dung and dirt left on the scale. It should be ON for most weighing applications.

4. DISPLAY RELEASE

r E L S . 0 Off (default)
r E L S . 1 On

The standard factory setting is Display Release OFF, which in HOLD mode keeps the last weighing locked on the display, until the next weighing. With Display Release ON, when the weighed animal is removed from the scale, the weight will not remain locked on the display.