

## LOAD CELLS - ICONIX FX15 MONITOR

### EXTERNAL BATTERY PACK

The Iconix FX15 Monitor is powered by a 12V external battery pack. Supplied with the Iconix FX15 Monitor is two 12V batteries together with a battery charger (AC adaptor).

Battery life and charging frequency will depend on usage and battery care. We recommend always charging the battery (with the supplied charger) for 6-8 hours.

The Iconix FX15 Monitor can also be powered from the round pin connection (7-pin) designed to fit the tractors auxiliary ply. This connection will power the display while the tractor is running but will not charge the battery.

### USER GUIDE

1. To turn on the Iconix FX15 Monitor, press the 'ON' button - the display should read '0.0' with the '^' symbol underneath the 'ZERO' label.
2. When loading is completed the load weight will display in kilograms.
3. If the Iconix FX15 Monitor is left 'ON', it will hold the load weight/display until the load starts to discharge. As the load is discharged, the display will provide an accurate reading of the current load throughout the discharge process (subtracting from the initial weight).
4. If the Iconix FX15 Monitor is turned 'OFF' before load discharge begins, there are two methods for discharging;

Option 1 - push the 'ON' button - this will retrieve the stored load weight. Discharge or further loading can begin. Please note pushing the 'ZERO' button will clear the stored weight if required.

Option 2 ('Negative' mode) - push the 'ON' button followed by the 'ZERO' button - this will zero the load. As discharge begins the display will show a negative symbol as it counts the kilograms discharged.

Only loads greater than 100kgs can be stored when the Iconix FX15 Monitor is turned 'OFF'. When loads exceed 1,000kgs in 'Negative' mode, the display will alternately flash the load weight discharged and a negative symbol (as only four digits can be displayed).

### ICONIX FX15 MONITOR



QUESTION / PROBLEM	SOLUTION
<p>No display on Iconix FX15 Monitor.</p>	<ol style="list-style-type: none"> <li>1. Plug the FX15 Monitor into an alternative power source to eliminate potential battery issues</li> <li>2. If an external power cable is used, please try another power cable</li> <li>3. If there is still no reading please try another display to determine if the fault is within the Iconix unit or load-cells. If alternative display works the original unit is likely to be faulty and will need to be returned to the manufacturer for diagnosis and repair.</li> </ol>
<p>Four flat lines displaying on Iconix FX15 Monitor.</p> <p>OR</p> <p>The displayed weight is unstable and varies up/down.</p>	<p>The load-cells are connected in pairs to a junction box by cables, with a main cable extending from the junction box to the FX15 Monitor. The load-cells are paired up - two in the front and two in the back.</p> <ol style="list-style-type: none"> <li>1. Disconnect both load cell cables from the junction box</li> <li>2. If the FX15 Monitor will not 'ZERO', the unit is likely to be faulty and will need to be returned to the manufacturer for diagnosis and repair</li> <li>3. If the FX15 Monitor zeros, try the following;             <ol style="list-style-type: none"> <li>1. Plug in one of the two cables that connect to the junction box</li> <li>2. If the fault reoccurs, remove the first cable and plug in the second. It is unlikely that there will be a fault with multiple cells, and instead you should be able to isolate the exact faulty load-cell</li> <li>3. 'ZERO' the FX15 Monitor with the good load-cells (one cable) connected</li> <li>4. Pull down on the top front of the machine to activate the load-cell/s</li> <li>5. A negative (-) reading indicates the rear cells are working</li> <li>6. A positive (+) reading indicates the front cells are working</li> <li>7. Disconnect the cable (attached to the junction box) for the working load-cells, and reconnect cable for the faulty load-cells.</li> <li>8. Disconnect the wires at the junction box for both the load-cells.</li> <li>9. If the reading on the display is incorrect the cable is likely to be damaged/faulty</li> <li>10. If the FX15 Monitor zeros, connect each load cell individually checking the display after each connection to ensure a normal reading.</li> <li>11. This will indicate which of the cells, if not both, are faulty.</li> <li>12. Replace the faulty load-cell or cells, connect all wires and cables and retest.</li> </ol> </li> </ol>