



# The New - XC2Plus MikroDigger



## XC2 PLUS

1125701 XC2  
Control Box

Even better graphics with all the guidance info an operator could ever want - Even easier user menu with more functions than ever - New Tilt Bucket Sensor, New RD14C Remote Displays and even interface to a Cable Detection sensor - **Plus** more than 20 new functions and improvements is now available to the professional contractor.

Physically the color of the Control Box shell has been changed from bright blue to dark grey - but without losing the distinct blue brand color that has always followed our MikroFyn equipment.

Other than that we have added or improved the following:

- New XIS-2T super small Tilt Bucket sensor
- New RD14C Remote Display supported
- New GPS carriers and masts
- New Cables
- New even easier user menus
- EZiDIG Cable Detection sensor supported
- Select Bucket Reference point
- Reach always displayed on user screen
- New indicators for user setting on screen
- Plus 20 other changes and improvements

**NEW - Menu structure**

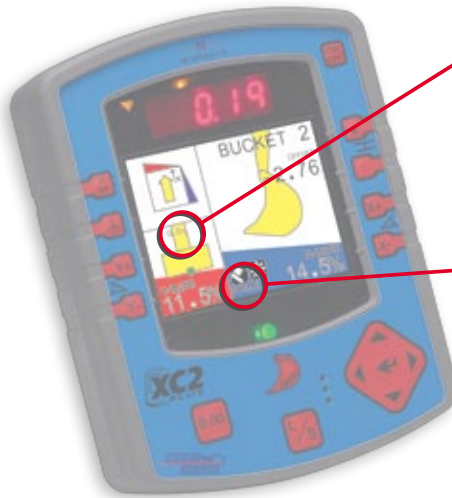
The user menu has been simplified to ease the use and improve the everyday work flow for the operator.

During a normal days work the operator no longer has to search through a long menu to find a particular setting. All frequently used settings have been grouped under only two menu points.

Along the same line the Technician Menu has been simplified for faster more correct calibration and setup of the system.

**Improved on-screen information**

A number of new important informations that were previously hidden are now visible to the operator on his work screen.



**Actual bucket slope displayed**

It is now possible to see the actual slope of the tilt bucket. This can be used as a rough check of the correctness of the constructed slope or to measure an existing slope. If accurate calculation of a slope is needed please refer to the "measure function".

**Reach measurement displayed**

The horizontal reach from the reference point will now always be displayed on the screen. This is very useful information as Project dimensions from a paper drawing can be set-out directly using the machine. Now the operator no longer has to get out of the cab to do manual measurements.

**Cross Slope display in Single slope mode**

Now it is possible to monitor the cross slope of the bucket - either if a Roll sensor has been mounted on the chassis of the machine or if a Tilt Bucket sensor is part of the system.

It is clearly indicated that the Dual Slope mode is disabled.

**Selectable Bucket Reference point**

With the XC2Plus it is now possible to select the reference point on the bucket. You can toggle through 4 settings - Left, Middle, Right or Lowest Point. This function is particularly useful in small confined spaces where it is not always possible to use the middle of the bucket as reference point.



**Reference method displayed**

Previously the operator had to remember if he was using a laser or a local reference point. Now the reference methods used is clearly displayed. As a new feature the offset is now linked to the reference method used.

- Local reference
- Laser reference
- 3D reference

**Offset direction displayed**

If the operator needs to offset the surface - e.g. if the operator is adding a finishing layer of dirt on a slope - it is important to set the direction of the offset.

- Surface is offset vertically
- Surface is offset along the Surface Normal (90deg to the surface)

**New Functions**

We see more and more specialized equipment being offered for excavators so the MikroDriller function was originally designed to meet the demand for an excavator mounted sheet pile vibrator.

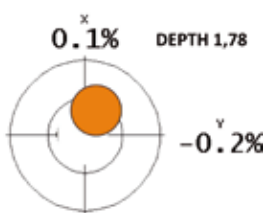
An XIS-2B Bucket sensor and an XIS-2T Tilt Bucket sensor must be mounted on the Vibrator or in the Quick coupler. These sensors will withstand G-forces of up to 20.000 G.

With the MikroDriller function the operator can now easily position the sheet pile in a vertical position.

As the pile is driven into the ground the excavator arm will move forward if no corrections

are made by the operator but the Bulls eye display will guide the operator to do these corrections with cm. precision.

If a full MikroDigger sensor system is available the operator can also choose to activate "0.0" when he has first aligned the sheet pile. Then it is possible to monitor to what depth the pile has been driven.



A Cable Detection sensor can now be interfaced directly to the MikroDigger XC2Plus CAN connection.

The XC2Plus now feature almost the exact same functionality as the stand alone system from Cable Detection. The Operator will be warned by a scalable bar appearing on the screen and by an audio alarm while he is excavating.

