

HAVE IT YOUR WAY...


MIKROFYN

MikroDigger™ XC2

**The next generation –
raising the standard for
excavator guidance**




MIKROFYN

Intelligent Machine Control
Easy to use - easy to afford

The next generation of ex



NEW

Quick key - multiple settings recalled

We call this time saving function the "Quick Key". Not just two or three - but a total of 10 different user defined settings can now be saved and recalled by the push of just one button.

For each setting you can save different X and Y slope values, bucket values, accuracy limits, alarms and numerous other settings.

New XC2 Control

Mikrofyn presents the new XC 2 control box for the world's best selling excavator guidance system – the MikroDigger™.

If you think that an excavator guidance system is a new feature – then think again. Our latest XC 2 control box is just the next generation in a line of well proven Mikrofyn excavator guidance systems.

Based on experience.

It is no exaggeration to say that the new XC 2 control box is based on almost a decade of experience.

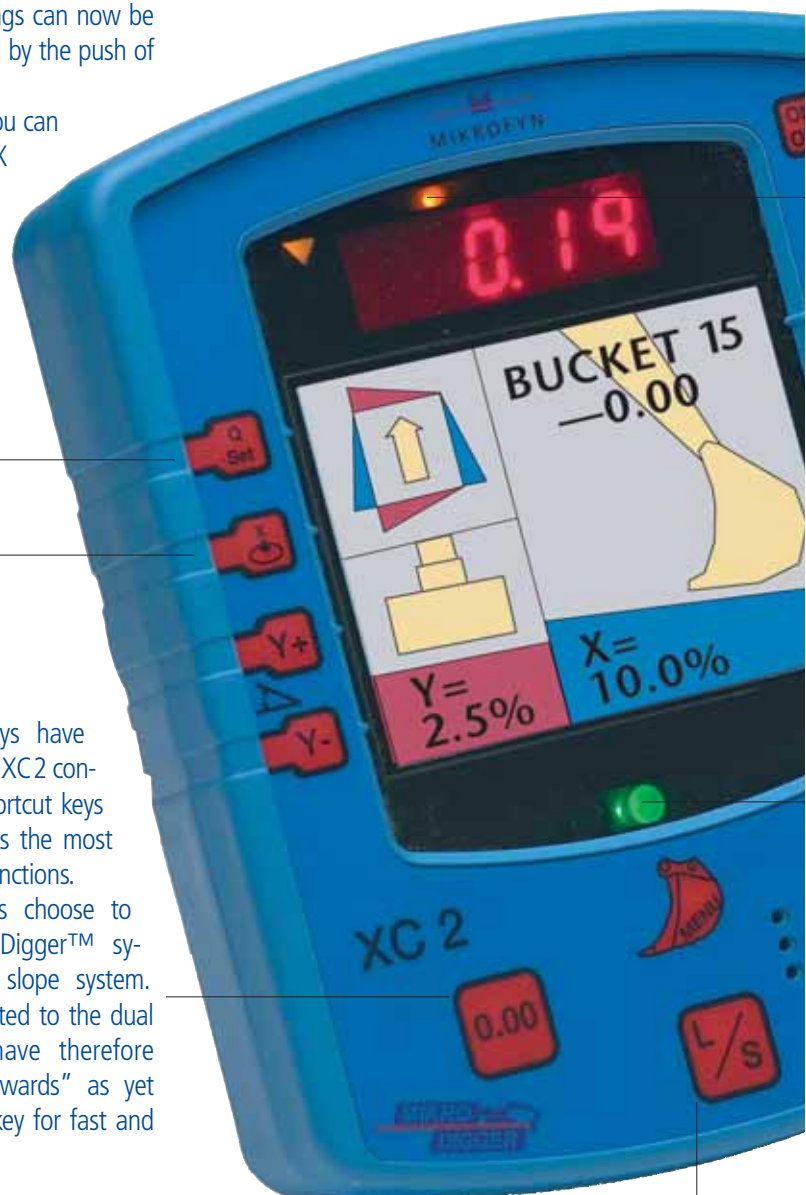
The thousand of expert drivers today using the MikroDigger™ excavator system will recognize the ease of use and the multiple choice functionality in the new XC 2 control box.

- and they will be surprised to see that it has been possible to add even more functionality to the MikroDigger™ system.

NEW

Shortcut keys

New shortcut keys have been added to the XC2 control box. These shortcut keys are used to access the most commonly used functions. Today most users choose to install the MikroDigger™ system as a dual slope system. Function calls related to the dual slope function have therefore been moved "upwards" as yet another shortcut key for fast and easy use.



Excavator guidance is here!

Control box

NEW

Multiple and improved bucket displays

A multicolour bucket display visualizes the bucket position. Essential when digging under water, in deep trenches or elsewhere where the bucket is out of sight.

A new bucket display for cross slope bucket control has also been added for better functionality.



NEW

4" Full Colour LCD Graphic Display

At just a glance - you can overlook all guidance and status information on the crisp and clear LCD display - even in direct sunlight. This - combined with the bright LED numbers and possibility for guidance by audio signals - makes the MikroDigger™ system the most versatile system on the market.

NEW

Features added

NEW – Complex Profile mode

Punch in or simply "teach" the system by copying a complex profile consisting of up to 11 different surfaces.

NEW – Machine Heading Display

When working with both X and Y slopes the heading of the machine is clearly displayed on the LCD display.

NEW – Tilt Bucket Display

The sloping terrain as well as the actual tilt of the bucket is clearly displayed on the LCD display.

NEW – Bucket Side View Display

See the sloping terrain and your bucket on this display. Check if you need to open or close the bucket or to correct the bucket height.

Mikrofyn will guide you to the right level

With the MikroDigger™ System you can be guided to:

- A pre-set depth.
- An offset depth.
- A pre-set slope in one direction.
- A pre-set slopes in both the X and Y direction (RS10 required).
- Tilt bucket guidance (Cross slope kit required).
- A copy of an existing slope.
- A copy of an existing complex slope of up to 11 surfaces.
- Use a laser plane as height reference.
- Use a point or stringline as height reference.
- You can also transfer heights.
- Do blind cuts under water.
- Be warned by the height alarm.

NEW

Easy navigation through menus

A QuickNav™ multifunction button has been added. This button will aid the driver to quickly navigate through the XC 2 menus.

With the presentation of the MikroDigger™ system back in 1997 Mikrofyn defined the standard for excavator guidance systems - with the new XC2 control box we have truly re-defined the standard.

Just look at some of the available functions...



TECHNICAL DATA

Supply:	9-28 V full polarity and load dump protected
Operating temperature:	-40C to 70C
Size (WxHxD):	125 x 160 x 50 mm
Weight:	500 g
Seal:	Water resistant IP-66

AVAILABLE GUIDANCE FUNCTIONS:

Work to preset depth:	Useful when accurate grading is needed
Work to offset depth:	Useful when laying out multiple layers of material with known thickness
Work to preset slope:	Useful when digging sloping trenches for drainpipes.
Work to preset slopes in both X and Y direction:	Useful when grading parking lots, dikes etc.
Cross slope bucket guidance:	No matter how you turn the machine the correct cross slope is displayed
Copy an existing surface:	Useful when continuing an existing structure with unknown slope
Work to complex trench profile:	Copy an existing or new complex profile consisting of up to 10 points
Use Laser as height reference:	Use a rotation laser, level, slope or dual slope as reference
Use and point as height reference:	Use a survey marker, string line or just the earth surface as reference
Transfer heights:	From one point to another
Do Blind cuts:	Be guided to correct slope, depth and optimal bucket position under water or in deep trenches
Height alarm:	Be warned before your machine touches the overhanging power lines
360° compass pitch and roll sensor:	Total attitude control for highest possible accuracy

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Since the start in 1987 Mikrofyn A/S has placed itself among the top-five worldwide manufacturers of professional precision lasers and machine control systems. The profits of the business are reinvested in new products and growing the business. Mikrofyn is built upon sound principals of developing and manufacturing state-of-the-art products, supported by experts and cooperating with outstanding professional local distributors.