GRADE CONTROL

CONTROL YOUR GRADE. With the iDig Guidance System, control your excavator without leaving your cab. You will know the position of your bucket to the nearest centimetre and without a grade checker.

NO CABLES. No risk of cables tearing off. The iDig communicates by radio and is charged by solar panels. Installation is simple, no need for a technician or training to use it.

MULTIMACHINES. Buy a single system and install it on several excavators. The iDig is portable from one machine to another in a few minutes. Your iDig never sleeps and you get a return on your investment in a few months.

A UNIQUE AND AFFORDABLE SYSTEM

CONTROL BOX
A powerful and robust touch pad, equipped with patented software designed with excavator operators for simple and intuitive operation. Manage all your excavators, buckets, blades... iDig is a universal system designed to work with all your machines.

LED ANZEIGE
Your assistant in the cabin. You keep it in the field of view of your bucket, thanks to its green, orange and red LED positioning system, it guides you with precision.

SENSORS
A unique system of wireless sensors that can be charged by solar panels. They attach very easily to your excavator and snap on / off from one excavator to another in the blink of an eye; total freedom of placement: quick coupler, dog bone, right, left...

BOOST YOUR PERFORMANCE

IDIG INNOVATIONS
(iDig Grade Control System already supports the following features: The iDig alerts you if you exceed certain heights (high voltage lines), stake out function, underwater mode (cleaning of rivers, dredging...)

A powerful and robust touch pad, equipped with patented software designed with excavator operators for simple and intuitive operation. Manage all your excavators, buckets, blades... iDig is a universal system designed to work with all your machines.

GODET BUCKET & TILTROTATEUR
The iDig supports tilt buckets and some tiltrotors. Your bucket tilts and rotates, the iDig shows you its position in real time.

DEPORTED ARM
Thanks to the management of the UR connection, the iDig already manages deported arm machines to allow you to work precisely in complex axes.

DOZER BLADE - PATENTED FEATURE
Control your levelling blade with the sensor specially designed for your levelling work with your excavator.

AUGER
The iDig system will guide you to have the right depth while remaining vertical.

PRODUCTIVITY AND SAVINGS
- Precision, safety and professionalism = more jobs won.
- Fewer machine stops
- Fewer reworkings
- Fewer overdigging operations
- Time and fuel savings

EASY TO USE
Simple and intuitive, the iDig will quickly become your daily tool.

WORK WITH CONFIDENCE
No grade checker in the trench, less risk of accident. Stop getting out of the cabin and protect your knees.

No risk of tearing off. Grade Control has never been so easy.

A UNIQUE AND AFFORDABLE SYSTEM

NEW
iDig grade control system already supports the following features: the iDig alerts you if you exceed certain heights (high voltage lines), stake out function, underwater mode (cleaning of rivers, dredging...)
Equip your excavators and easily manage large building areas such as car parks. Dig precise trenches without errors and without a grade checker, on work underground networks by saving time. The iDig system will guide you to have the right depth while remaining vertical. Dig with precision and speed, in accordance with distances, depths and slopes, with confidence.

### iDig Touch standard package include:
- 4 Sensors / 4 Sensor Plates / 1 LED Display and 1 Control Unit with Suction Mounts / 2 Quick-Connect Cradles for the LED and Control Box with 12/24V Accessory Plug. With “1 time” Machine Set-up items: 1 Laser Pointer / 2 tripod Adaptors / 2 Extension Tubes / 1 Target
- mini sensor : 2x 1.10x0.86x0.98 in - 0.29lb
- combo : 1x 2.75x3.94x0.98 in - 0.53lb

### TECHNICAL SPECIFICATIONS
- **SYSTEM POWER**: 12/24V
- **BATTERY CHARGING**: SOLAR
- **DIMENSION / WEIGHT**: mini sensor : 2 x 1.10x0.86x0.98 in - 0.29lb
- **MOUNT / IP PROTECTION**: IP67
- **CONTROL BOX**: screen size 7” (~18cm)
- **RESOLUTION**: 800 X 480 pixels
- **OPTIONAL SENSORS**:
- **MEMORY**: num of machines: more than 100, num of buckets: more than 100
- **ACCURACY**: +/- 1/16”, +/- 0.3cm
- **OPERATING TEMPERATURE**: -20°C TO +70°C

### APPLICATIONS
- **BUILDINGS**: foundations, buildings
- **TRANCHES**: excavating trenches, dig trenches in a second
- **SWIMMING-POOL**: dig to the exact dimensions and slope of the pool becomes child’s play with the iDig guidance system.
- **CAR PARKS**: dig precise trenches without errors and without a grade checker, on work underground networks by saving time.
- **AUGER**: enter your desired depth
- **DEPTH**: the iDig system will guide you to have the right depth while remaining vertical.
- **DISTANCE**: enter your desired digging distance
- **SLOPE**: enter your slope, positive(+) or negative (-), percent or X:Y

IDig is a division of the Bridgin group.

WWW.IDIG-SYSTEM.COM - INFO@IDIG-SYSTEM.COM

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**IDIG TOUCH SYSTEM**

EXCAVATOR GRADE CONTROL SYSTEM FOR EVERYONE

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**IN THE FIELD**

- **REAL-TIME DEPTH INDICATION**: enter your desired depth
- **REAL-TIME SLOPE INDICATION**: enter your slope, positive(+) or negative(-), percent or X:Y
- **REAL-TIME DISTANCE**: enter your desired digging distance
- **IDig Guides You There**: iDig can also calculate the relative slope between 2 points on the ground
- **IDig Guides You There**: follow iDigs’ horizontal LEDs to get there
- **Follow the bucket teeth on the start point**: enter your desired digging distance

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**APPLICATIONS**

- **DEPTH**: enter your desired depth
- **DISTANCE**: enter your desired digging distance
- **SLOPE**: enter your slope, positive(+) or negative(-), percent or X:Y

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**BUILDINGS**

- foundations, buildings

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**TRANCHES**

- excavating trenches, dig trenches in a second

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**SWIMMING-POOL**

- dig to the exact dimensions and slope of the pool becomes child’s play with the iDig guidance system.

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**CAR PARKS**

- dig precise trenches without errors and without a grade checker, on work underground networks by saving time.

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**IDing Touch standard package include**

- 4 Sensors / 4 Sensor Plates / 1 LED Display and 1 Control Unit with suction Mounts / 2 Quick-Connect Cradles for the LED and Control Box with 12/24V Accessory Plug. With “1 time” Machine Set-up items: 1 Laser Pointer / 2 tripod Adaptors / 2 Extension Tubes / 1 Target
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**REAL-TIME DEPTH INDICATION**

- **Enter Your Desired Depth**
- **iDig Guides You There**
- **IDig Guides You There**
- **IDig Guides You There**
- **Follow the bucket teeth on the start point**

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**REAL-TIME DISTANCE**

- **Enter Your Desired Depth**
- **iDig Guides You There**
- **IDig Guides You There**
- **IDig Guides You There**
- **Follow the bucket teeth on the start point**

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**REAL-TIME SLOPE INDICATION**

- **Enter Your Slope, Positive(+) or Negative(-), Percent or X:Y**
- **iDig Guides You There**
- **iDig Guides You There**
- **Follow the bucket teeth on the start point**
- **Enter Your Desired Digging Distance**

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**REAL-TIME DISTANCE**

- **Enter Your Desired Depth**
- **iDig Guides You There**
- **IDig Guides You There**
- **IDig Guides You There**
- **Follow the bucket teeth on the start point**

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**IDING TOUCH SYSTEM**

EXCAVATOR GRADE CONTROL SYSTEM FOR EVERYONE

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**APPLICATIONS**

- **DEPTH**: enter your desired depth
- **DISTANCE**: enter your desired digging distance
- **SLOPE**: enter your slope, positive(+) or negative(-), percent or X:Y