

JOHNSON[®] 1435-1000D Operator's Manual

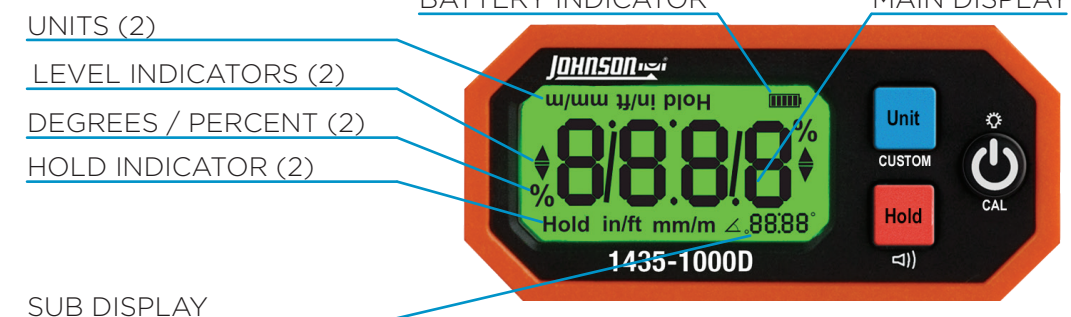
Thank you for purchasing this Johnson digital torpedo level. This robust level is designed to provide years of simple, reliable operation around your jobsite.

Key Features:

- Backlit LCD
- IP65 construction - dustproof and waterproof
- Sub-display for showing reference angles
- Strong rare earth magnets and V-groove top edge
- Display automatically inverts when working overhead



MODULE OVERVIEW



BUTTON OVERVIEW

POWER: While off, press to power on or hold to enter calibration mode. While on, press to enable the backlight or hold to power off.

Unit: Press while on to cycle through the different operating units. Hold in 22.5°/45° mode to enter custom setpoints.

Hold: Press to enable hold mode. Press again to transfer the hold measurement to the sub-display. Hold to toggle volume high/low/off.

INSERTING BATTERIES

1. Remove the battery door by using a #2 Phillips screwdriver to rotate the battery door.
2. Insert 1 x CR2032 battery positive side up, as indicated on the tool and shown to the right.
3. Replace the battery door and gently tighten the battery door retaining screw.
4. Calibrate after installing new batteries. See "TWO-POINT CALIBRATION".



TWO-POINT CALIBRATION

1. Calibrate at the beginning of each use, when the batteries are replaced or when large (>15°F) temperature changes occur.
2. With power off, hold **POWER** until the screen shows "CAL 1".
3. Position level with the LCD facing you and press **POWER** to store the first calibration point. The level will show "CAL 2".
4. Rotate the level so it is inverted with the LCD still facing you, and press **POWER** to store the second calibration point.
5. The level will show "rdy" and then return to normal operation.



CAL POSITION 1



CAL POSITION 2

OPERATING THE LEVEL

1. Power on the level by pressing **POWER**.
2. Press **Unit** to toggle between degrees, percent, in/ft, mm/m, 22.5° and 45° modes.
3. An audio indicator can be used to indicate when you have reached level. Hold **Hold** to set the indicator volume to high/low/off.
4. Enable the backlight by pressing **POWER** while the level is powered on. Press **POWER** again to switch from low to high backlight.
5. To set a custom angle mode to replace the 22.5°/45° modes, enable either the 22.5° or 45° mode, then press and hold **Unit**.
6. The sub-display digits will flash, indicating they can be changed.

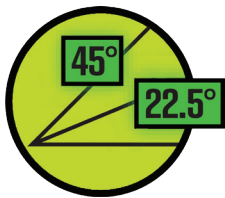
7. Press **Hold** to change the active digit. Press **Unit** to advance to the next digit. The new value will be stored automatically.
8. An alternate single point calibration can be completed by leveling the torpedo using the vial, and holding **POWER** and **Hold** while the power is off. This mode is helpful when a flat, stable surface is not available.
9. If needed, factory reset by holding **Hold**, **Unit** and **POWER** for 10 seconds.

LEVEL UP.[®]

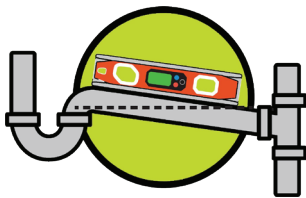


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1435-1000D v1

COMMON APPLICATIONS



Preprogrammed 22.5° and 45° modes simplify miter cuts, conduit bends and more. You can also set the angle to any desired value.




Digital levels are ideal for installing drain pipe at your desired angle. The magnets attach the level securely to ferrous piping.



The sub-display can be used to store hold values or target values, ideal for inspection checks and when working in tight spaces.

TROUBLESHOOTING

- **Tool does not power on or remain on** - Replace batteries. Check battery polarity.
- **Display is frozen** - Ensure hold mode is not enabled. Press  once or twice to release hold mode.
- **Level is not reading correctly** - Perform a calibration of the level. See "TWO-POINT CALIBRATION".
- **Backlight will not stay lit** - The backlight automatically times out after approximately 20 seconds in a stationary position. To reactivate the backlight, move the level slightly.

PRODUCT REGISTRATION

Please register your product within 30 days of purchase. Registering ensures we have your information on file for warranty service even if you lose your receipt and lets us contact you if there is ever a product recall. We will never sell your information and will only send you marketing information if you opt-in.



To register, scan or click:
www.johnsonlevel.com/register

SPECIFICATIONS

Accuracy:	±0.1° at 0°/90°; 0.2° other angles
Battery:	1 x CR2032, up to 16 hrs
Units:	Degree, Percent, in/ft, mm/m
Backlight	Two-stage with timer
Operating Temperature:	14°F - 122°F
Weight/Dims/IP Rating	8 oz, 10" x 2" x 3/4", IP65

PRODUCT WARRANTY

Johnson Level & Tool offers a limited lifetime warranty on this product's mechanical parts and a one-year warranty on its electrical components. You can obtain a copy of this warranty on our website or by contacting our customer service department. The limited warranty contains various limitations and exclusions.

Note: The user is responsible for verifying proper level calibration before each use. If you experience problems with this product, please contact us.

Email: service@johnsonlevel.com
Canada: 800-346-6682

USA: 888-9-LEVELS (888-953-8357)
Online: www.johnsonlevel.com



1435-1000D
INSTRUCTION
MANUAL