

[manuals.plus](#) /› [STANLEY FATMAX](#) /› [Stanley Fatmax 0-42-086 Digital Level 120cm Instruction Manual](#)

STANLEY FATMAX 0-42-086

Stanley Fatmax 0-42-086 Digital Level 120cm Instruction Manual

Model: 0-42-086

1. INTRODUCTION

This manual provides detailed instructions for the safe and effective use of your Stanley Fatmax 0-42-086 Digital Level.

Please read these instructions carefully before operating the device and retain them for future reference.

The Stanley Fatmax 0-42-086 is a 120cm digital level designed for precise measurement of angles and slopes. It features a digital display, 360° readout capability, and a hold function for convenience in various working conditions.

2. SAFETY INFORMATION

Always observe basic safety precautions when using this tool to reduce the risk of injury. Keep the tool clean and dry. Do not expose the tool to extreme temperatures or moisture. Use the tool only for its intended purpose.

3. PRODUCT COMPONENTS

Familiarize yourself with the main components of your digital level:

- Digital Display
- Control Buttons (On/Off, Hold, Reference, Calibrate, Unit Selection)
- Spirit Vials (3 vials)
- Measuring Surface
- Battery Compartment



Figure 1: Close-up view of the digital display and control buttons on the Stanley Fatmax digital level. Buttons include On/Off, Hold, Reference, Calibrate, and unit selection.



Figure 2: Another perspective of the digital display and control buttons, showing the ergonomic design for easy access during operation.

4. SETUP

4.1 Battery Installation

The digital level requires batteries for operation. Locate the battery compartment, typically on the side or back of the digital module. Insert the required batteries, ensuring correct polarity (+/-). Close the compartment securely.

Note: The product specifications indicate "Batteries Included? No" and "Batteries Required? No" which may be a data discrepancy. Assume batteries are required and not included.

4.2 Initial Power On

Press the **On/Off** button to power on the device. The digital display will illuminate and show the current angle or slope.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

Press the **On/Off** button to turn the digital level on or off.

5.2 Taking Measurements

Place the measuring surface of the level firmly against the object you wish to measure. The digital display will show the angle in degrees, percentage, or mm/m, depending on the selected unit.



Figure 3: A user holding the Stanley Fatmax digital level to measure an angle. The digital display is visible for easy reading.

5.3 360° Readout

The level features a 360° readout, meaning the display automatically flips when the level is inverted, ensuring the reading is always upright and easy to read from any orientation.

5.4 Hold Function

Press the **Hold** button to freeze the current measurement on the display. This is useful for taking readings in difficult-to-see areas or when you need to record a specific value. Press **Hold** again to release the function.

5.5 Unit Selection

Use the unit selection button (often labeled with $^{\circ}/\%$ /**mm/m** or similar icon) to cycle through different measurement units: degrees ($^{\circ}$), percentage (%), and millimeters per meter (mm/m).

5.6 Reference Function

The **Reference** function allows you to set the current position as a new "0" reference point. This is useful for measuring relative angles from a specific surface. To activate, place the level on your desired reference surface and press the **Reference** button. The display will show "0.0" and subsequent measurements will be relative to this new reference.

5.7 Calibration

For optimal accuracy, periodic calibration may be required. To calibrate the level:

1. Place the level on a flat, stable surface.
2. Press the **Calibrate** button. Follow the on-screen prompts, which typically involve rotating the level 180 degrees and pressing the button again.
3. Refer to the specific calibration sequence indicated on the device's display or a more detailed manual if available.

6. MAINTENANCE

6.1 Cleaning

Wipe the level with a soft, damp cloth. Do not use abrasive cleaners or solvents, as these can damage the display or housing. Ensure the device is dry before storage.

6.2 Storage

Store the digital level in a dry, cool place, away from direct sunlight and extreme temperatures. If storing for extended periods, remove the batteries to prevent leakage.



Figure 4: The Stanley Fatmax digital level stored in its protective carrying case, which helps protect it from dust and damage during transport and storage.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Display not turning on	Dead or incorrectly installed batteries.	Check battery polarity. Replace batteries if necessary.
Inaccurate readings	Needs calibration; dirty measuring surface.	Perform calibration as per section 5.7. Clean the measuring surface.
Backlight won't switch off	Possible internal fault or stuck button.	Try removing and reinserting batteries. If problem persists, contact customer support.
Horizontal level appears loose	Manufacturing defect or damage.	This indicates a potential defect. Contact customer support for assistance.

8. SPECIFICATIONS

Model: 0-42-086

Brand: STANLEY FATMAX

Length: 120 cm

Digital Accuracy: 0.10° at level and plumb, 0.20° at other angles

Readout: 360°

Power Source: Batteries (not included)

Material: Metal, Plastic, Paper (packaging)

Product Dimensions: 18 x 7.5 x 134.5 cm

Item Weight: 1.9 kg

9. WARRANTY INFORMATION

Specific warranty details for the Stanley Fatmax 0-42-086 Digital Level are not provided in this document. Please refer to the product packaging, official Stanley Fatmax website, or your point of purchase for comprehensive warranty information.

10. CUSTOMER SUPPORT

For technical assistance, spare parts, or service inquiries, please contact Stanley Fatmax customer support through their official website or the contact information provided with your product purchase.

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