The Johnson 40-6250 digital machine level is the simplest, most accurate way to level equipment such as mills, presses, lathes, compressors, granite plates and other items in your factory or jobsite. Proper leveling ensures the longevity of your equipment, reduces vibrations, helps ensure proper alignment and helps control the accuracy of your equipment’s outputs.

This digital machine level features:
- Extreme accuracy to 0.01°
- Wireless remote communication for ease of use
- +/- 10° operating range
- Backlit remote control screen
- 32' operating range

POWERING THE DEVICE
1. The remote control requires 3xAAA batteries to operate. Remove the battery door on the remote to install/replace these batteries.
2. The sensor can operate from either 3xAAA batteries or from the included 5V adapter. To install batteries, remove the battery access screw on the underside of the sensor and install the batteries according to the polarity indicated.
3. To use the 5V adapter, press it firmly into the sensor’s DC power port. Only use the included power adapter.

LOCATING THE SENSOR
The sensor can be placed on any flat surface that you need to level. Installation can be temporary or permanent. For temporary placement, you can simply lay the sensor on top of the surface you wish to level, or you can secure it along the flanged bottom edge using clamps. For permanent installation, you can also mount it using screws through the four included mounting holes.

CALIBRATION
For best results, calibrate prior to each use.
1. Put the sensor on a flat surface within ±3° of level.
2. Power on the sensor and remote. Press and hold for 5 seconds (until you hear 5 quick beeps) to enter calibration mode.
3. The screen will flash and “1” will illuminate on the LCD. Press to store the first calibration point. The sensor will beep 3 times, and “2” will illuminate to indicate the calibration point is stored.
4. Rotate the sensor 180° as shown below, then press to store the second calibration point. Three beeps indicate point #2 is stored. The sensor will power off to indicate calibration is successful.

LCD & REMOTE OVERVIEW
- LEVEL INDICATORS (X & Y)
- BLUETOOTH / CALIBRATION CHANNEL
- STATUS (Battery, Volume, Backlight, Lock)
- MEASURE REFERENCE
- DISPLAY UNIT
- CURRENT MEASUREMENT

POWER - Press/hold to power on/off
MEASURE - Press to start measuring angle
RESOLUTION - Press to set resolution, hold to select degree mode
FUNCTION - Press to set unit, hold to select channel
ABS/REL - Set absolute or relative angle, set alarm points
LOCK & SOUND - Press to lock the keypad, hold to toggle sound
AXES & LIGHT - Press to set axes, hold to toggle backlight

CAL POSITION #1
CAL POSITION #2
INITIAL SETUP & BASIC OPERATION

1. Power on the remote control by pressing \( \text{Power on} \) for 1 second.
2. Power on the sensor by pressing \( \text{Power on} \) for 1 second.
3. If desired, enable the backlight by holding \( \text{Backlight} \) for 2 seconds. The remote control will beep 3 times, and the LCD will display \( \text{Backlight} \). **NOTE:** If you hold the button for longer than three seconds, you will enter calibration mode (5 quick beeps).
4. To change the operating channel, press and hold \( \text{Channel} \) for 2 seconds, until 3 beeps are emitted (if volume is enabled). The LCD will indicate the channel, “A” or “B”. This is useful when working with multiple detectors in the same area.
5. Toggle audio on/off by holding \( \text{Audio} \) until 3 beeps are emitted from the remote and the LCD indicates \( \text{Audio} \) or \( \text{No Audio} \).
6. Set the desired sensitivity (displayed in decimals) by pressing \( \text{Sensitivity} \). The LCD will indicate \( 0.0^\circ \), \( 0.00^\circ \), \( 0.000^\circ \) or \( 0.0000^\circ \).
7. Toggle display units from decimal degrees to degrees/minutes/seconds by pressing \( \text{Units} \) for 3 seconds. 3 beeps will be emitted to indicate you have toggled modes and the display will indicate \( 0.000^\circ \) or \( 0^\circ 00'00" \).
8. Toggle display units from mm/m to in/ft or % by pressing \( \text{Units} \). The LCD will indicate the set units.
9. Set relative or absolute mode by pressing \( \text{Mode} \). The LCD will indicate \( \text{Rel} \) for relative and \( \text{Abs} \) for absolute mode. Absolute mode will measure angle relative to earth’s gravity, while relative mode will measure the angle difference between the sensor’s current and starting position. See “ABSOLUTE VS. RELATIVE MODE”.
10. Choose your displayed axes by pressing \( \text{Axes} \). The LCD will display both X & Y axes, X only or Y only.
11. When all parameters are set and you are ready to begin taking measurements, press \( \text{Start} \). The green LED will illuminate, and the level will begin measuring.
12. When finished, press \( \text{Stop} \) to exit measurement mode, press \( \text{Power off} \) to power off the remote and press \( \text{Power off} \) to power off the sensor.

LEVEL UP:
We want to get you up and running as quickly as possible - but this quick start guide is not a replacement for reading and understanding your operator’s manual! For complete safety & operating instructions, refer to the operator’s manual included with your tool, or scan the QR code.