



SMART LEVEL

One TOUGH Level

SPECIFICATIONS

- Accuracy plus or minus 1/16"
- Range 30 FT above or below reel
- Operating temp. 100 F to 10 F (these ranges can be exceeded however continual use out of this range may eventually damage instrument over time)
- Tubing length 100 Ft, This gives a 200 Ft operating area. Easily "leapfrog" for larger areas.
- BT Compatibility iPhone 7 or later updated to iOS 11 or later, iPad, 5th, 6th and 7th generation iPad with an A9 or bigger processor

No Clear Line of Sight Needed- Works around, behind, over obstructions. Anywhere you can take the tubing you have a valid reading.

- Stores data including 3D Maps and job surveys directly to your Smart Device Wirelessly
- Sends data/job surveys, 3D Maps to your Office, Team, Client directly from the field
- Plots true 3D Terrain Maps for upload directly into CAD. True X,Y, & Z measurements
- Record Comments directly with data for job clarity
- Adds photos directly into 3D data for job clarity
- Built in Compass for easily aligning 3D Maps and surveys
- Backlight for night use
- Engineering Function calculates feet above sea level
- Automatically calculates % of Slope between all consecutive points, or 2 selected points
- No Factory Calibration nor Recharge ever needed- Most Field Repairs can be done by owner on the job site
- Range function for ease of finishing grades
- Saves data in Zip file for organization and ease of communication
- Data may be "Spoken" from device by enabling audio voice mode, Frees your sight for other tasks
- True On Board Computer allows functions to be expanded via upgrades

NOTES:

The app upgrades the same as any other app. You should receive a notice to update when they are available if you have notifications turned on.

Firmware upgrades to the level come through your phone into the level via Bluetooth and take appx 6 minutes. Your smart device/phone will need to be dedicated to this task for 6 minutes. Incoming calls, etc will stop and reset the upload.

POWER SUPPLY, 2 AA Batteries, Duracell Coppertop is the recommended battery. Working life 133 hours with or without BT or 16 eight hour shifts in continual use. Using the backlight cuts working time 50% and range mode pulls a bit more power. Sleep mode/turned off- 130 months or a bit over a decade

WHAT THIS MEANS FOR MOST CONTRACTORS IS 4 TO 6 MONTHS WORKING LIFE UNDER NORMAL CONDITIONS.

WORK/SLEEP ANALYSIS

| supply | mA | Hrs | 8hr shifts | |
|--------|----|-------|------------|---------------------------------------|
| 2400 | 18 | 133.3 | 16.66667 | Readings, no backlight, no BT |
| 2400 | 35 | 68.57 | 8.571429 | Readings with backlight, no BT |
| 2400 | 18 | 133.3 | 16.66667 | Readings, no backlight, with BT |
| 2400 | 35 | 68.57 | 8.571429 | Readings with backlight and BT |
| 2400 | 25 | 96 | 12 | Readings in Range mode no backlight |
| 2400 | 43 | 55.81 | 6.976744 | Readings in Range mode with backlight |

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smartlevel.us