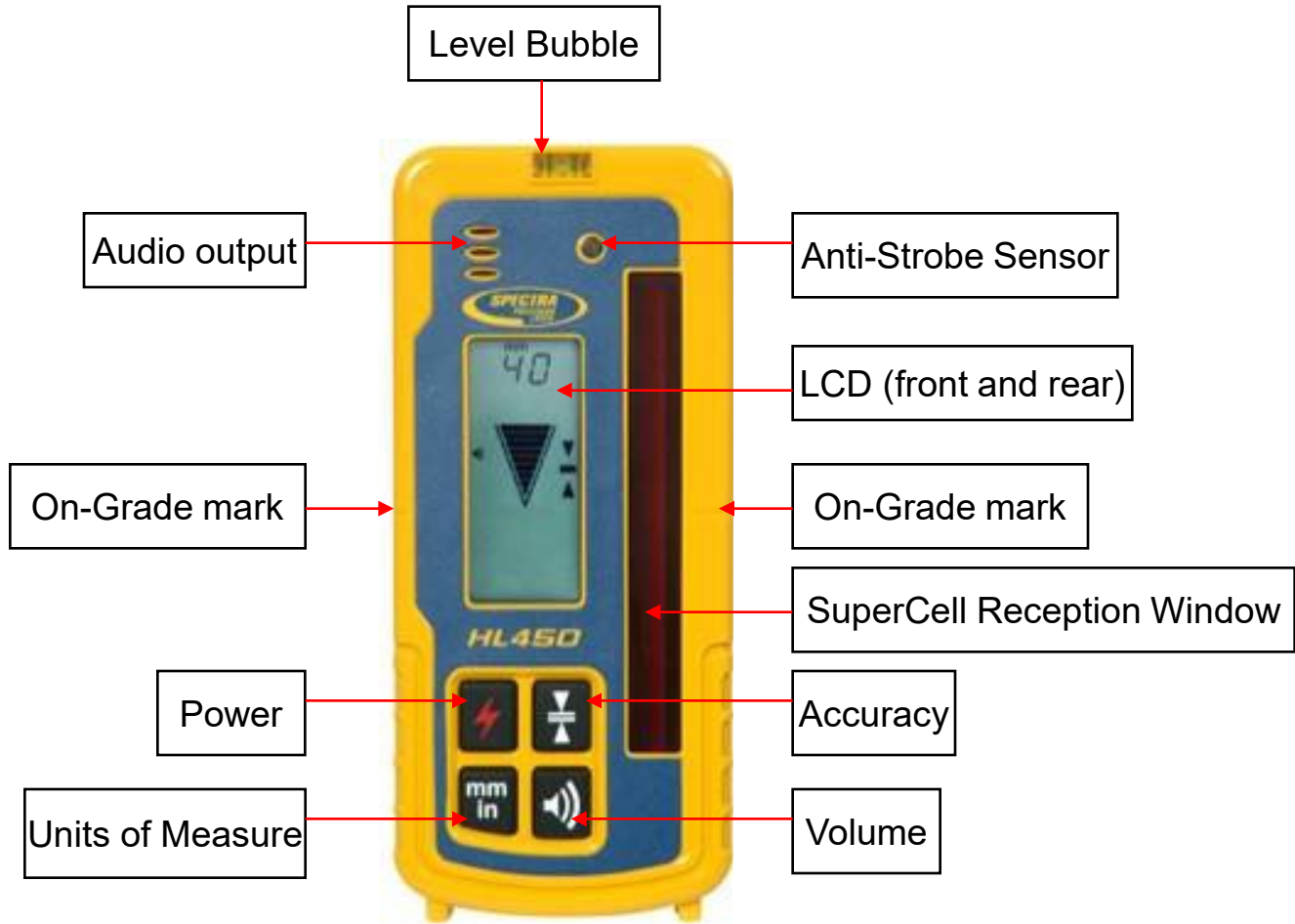
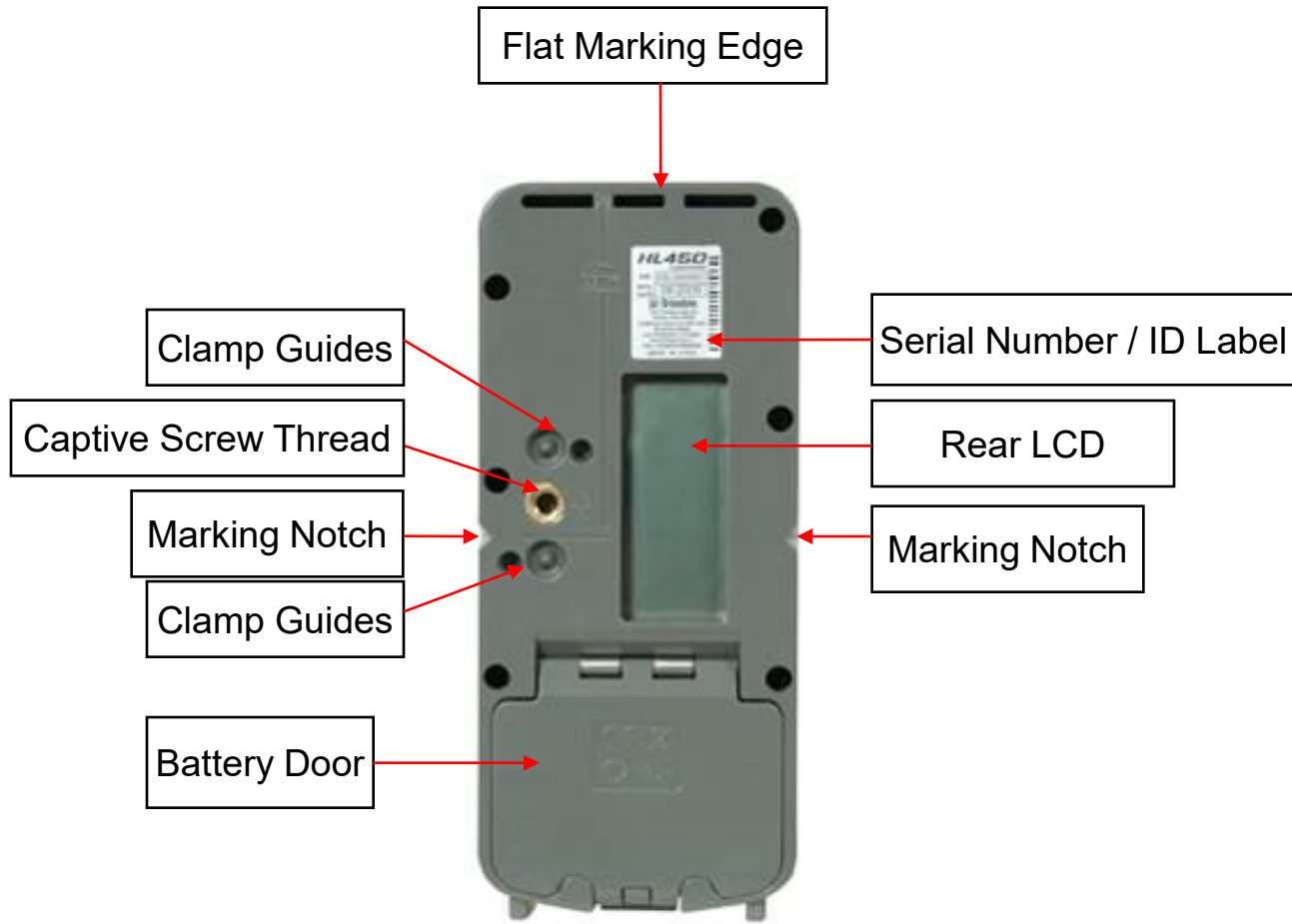




HL450 Laserometer™

Hands on Training





Installing/Removing The Batteries

- Open the battery door using a coin or your thumbnail.
- Install/remove the 2 x AA batteries noting the plus (+) and minus (-) diagram inside the housing
- Push down on the battery door until it “clicks” into position.



Turning On/Off

- Press the Power button to turn on the HL450.

Note: When the HL450 is initially turned on or off, all LCD symbols and the audio signal are turned on for one second.



Turning On/Off

CAL will be displayed and LED's sequenced as the unit goes through a self-calibrating procedure for approx. 3 seconds.

Then the display shows the active settings (accuracy and audio) and the elevation information.

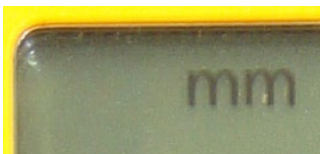
Note: Do not power up the unit in a laser beam or strobe.

- Press and hold the power button for two seconds to turn the HL450 off



Selecting The Units of Measure

- Press the Units button once to display the current settings.
- Press again while the units are displayed (within one second) to change the current selection.
- Subsequent presses will scroll through the setting selections of millimeters, inches and fractional inches and feet.
 - For fractional inches, the fraction bar will be displayed on the LCD.



- The selected setting will always be displayed on the top of the LCD.

Audio Signal Selection

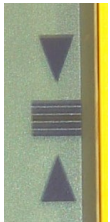
- Press and release the Volume button to toggle between Audio Low, Loud and Off.
 - One beep is emitted at the selected volume when changed.
 - When audio is off, a single beep confirms that a laser beam has been detected.



- The HL450 always starts up with the last selected audio mode.

Selecting The Accuracy

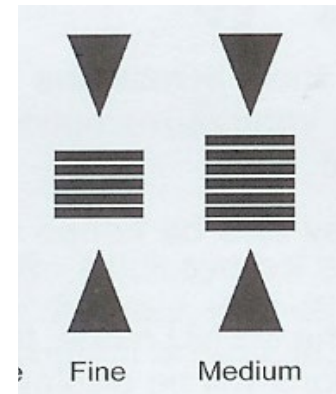
- Press the Accuracy button once to numerically display the current accuracy settings.
- Press again while the units are displayed (within one second) to change the current selection.
- Subsequent presses will scroll through two accuracy options (Fine, Medium).



- The HL450 always starts up with the last selected accuracy.

Accuracy and On-Grade Indication

Accuracy indicator shows the 2 levels of accuracy selections – Fine: 1,0 mm (1/16 in.); Medium: 5 mm (1/4 in.)



1/16 – 1/4

Calibration Mode

- To enter the calibration accuracy mode, press and hold the Power and Accuracy buttons simultaneously when the unit is off.
 - This mode is only recommended for calibration checks on lasers.



- Calibration mode 0.1 mm (1/64 inch) will be confirmed on the LCD by the accuracy indicators without the center bar.
- Press and release the accuracy button to exit the calibration mode and toggle through the standard accuracy settings.

