



MODEL H8258

DIGITAL ANGLE FINDER

INSTRUCTIONS

Specifications

Angle Range..... 180° to -180°
Resolution..... 0.1°
Repeatability..... ± 0.1°
Size 2" x 13/16" x 9"

Basic Functions

QUADRANT: This indicates which quadrant the blade of the digital angle finder is in.

ON/OFF: Turns the digital display **ON** and **OFF**. The digital display will automatically shut off in 5 minutes after non-use.

HOLD: Freezes the digital display.

ZERO/ABS: When pressed and released, toggles the digital display back-and-forth between the "ABS" (absolute) mode and zeros the incremental display.

Press and hold the ZERO/ABS button for more than five seconds will set a new zero point, making the current blade location zero, ABS.

Using the Incremental Display

Being able to zero the display is useful when setting up machinery, because you can use any angle as a starting point to indicate how much you've moved a component during adjustments without adding/subtracting angles from each other.

Example—If you need to drill holes at 15° with your drill press: 1) Set the blade to 90° and place it on the drill press table, 2) press the ZERO/ABS button, 3) rotate the blade until the digital display reads 15°, and 4) rotate the table until the drill press spindle is parallel with the blade of the digital angle finder.

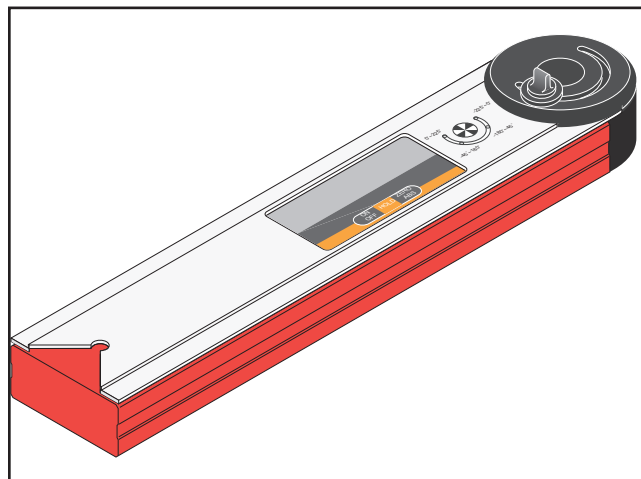


Figure 1. Model H8258.

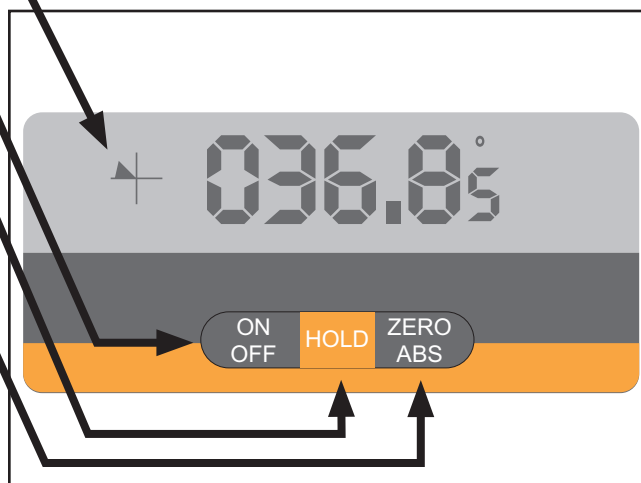


Figure 2. Buttons.

Note: Complete calibration instructions are on the back of this sheet. To ensure accurate results from your digital angle finder, calibrate your digital angle finder before putting it into regular operation.

If you need help with this item, call our Tech Support at: (570) 546-9663.

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Calibration

The digital angle finder can be easily calibrated by setting it on a *flat* surface with the blade positioned parallel to the beam. Press and hold the ABS/ZERO button while the display is in the "ABS" mode. After performing this operation, the display will show numbers getting larger when the blade is rotated clockwise.

Orientation

When the blade is rotated counterclockwise past zero, the numbers will display upside down while the display is in the ABS mode. Switching to the incremental mode will cause the display to read right-side-up regardless of the direction the blade is rotated.

Angle Range Selection

The digital angle finder can be set to 4 different ranges of angle. The label on the blade is represented in **Figure 3**. The label assumes the digital angle finder has been calibrated as described above. Here is a brief explanation of what the label means:

0°~225° When the lock knob is secured in this position, the range of motion for the blade will be from 0° with the blade parallel to the beam and greater than 225° when the blade is rotated clockwise to the extreme.

-45°~180° When the lock knob is secured in this position, the range of motion for the blade will be from -45° to 180°. This means the blade can be rotated counterclockwise to -45° and clockwise to 180°.

-180°~45° When the lock knob is secured in this position, the range of motion for the blade will be from -180° to 45°. This means the blade can be rotated counterclockwise to -180° and clockwise to 45°.

-225°~0° When the lock knob is secured in this position, the range of motion for the blade will be from -225° to 0°. This means the blade can be rotated counterclockwise to -225° and clockwise to 0°.

Note: Rotate the blade to one extreme or the other before removing the lock knob.

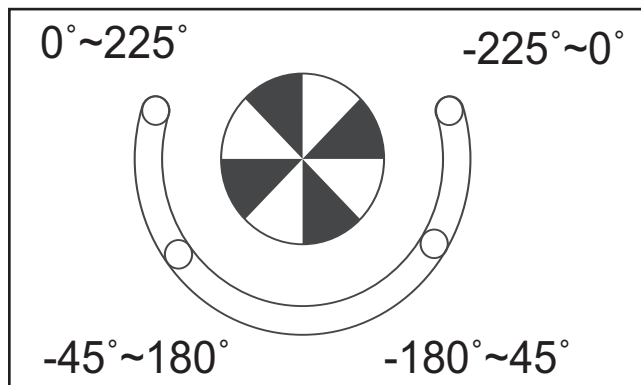


Figure 3. Each circle represents a location the lock knob can be installed.

Battery Change

Battery Type Required CR2032

To change the battery, rotate the round cover on the back of the digital angle finder counterclockwise. Pry the battery out and replace it, as shown in **Figure 4**.

Note: Removing the battery resets the calibration of the digital display. Re-calibration is required for accurate results.

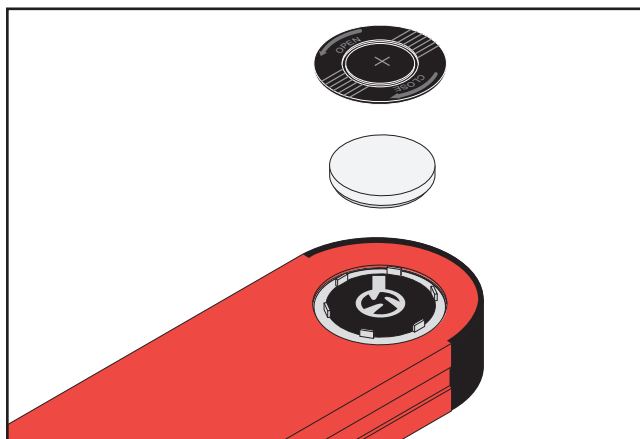


Figure 4. Battery replacement.

