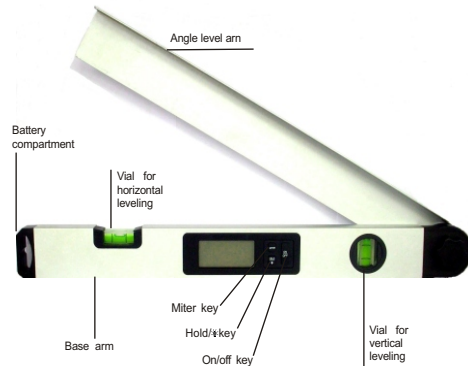


# Digital Angle Finder (DL160)



## Instruction Manual

Thank you for your choice of this Digital Angle Finder. Please suggest you read this instruction manual thoroughly before using the instrument. Save this instruction manual for future use.

## Features and Functions

- Digitally displays angle
- Angle measurements in degrees
- Working range of angle measurement 0 to 230°
- Automatic shut-off
- Backlight LCD
- Hold-function to freeze the measurement

## Safety Instructions

Please read and understand all of the following instructions, prior to using this tool.

Warning: Avoid sharp edges. Be careful in handling, may cause laceration.

Caution: The angle finder is a precision measuring instrument. Dropping or banging the device may result in impaired function or future inaccurate readings.

## Battery Installation

To open the battery cover, unscrew the end cap then pull out. Insert the 9V battery paying attention to the polarity, put back the end cap and screws. Power on the instrument.



## Note:

Used (discharged) batteries are hazardous waste and should be disposed of properly. Take out the batteries if the instrument is not going to be used for a long time.

## Using the Product

### On/Off Key

Power on and off the instrument by pressing this key.

### Hold/⌘ Key

The angle readings change in accordance with the change of the angle measurement. Press the key for a short time to enter into the "hold" mode. The measured angle reading will be held. Pressing the key for a short time again will stop the "hold" mode and measured value will change with the movement of the angle level arm. Press the key for a long time, backlight of the screen will be turned on and the light to be turned off if press the key for a long time again.

### Miter Key

The key switches the measured angle and converts it to the miter cut angle. This measurement is the angle that needs to be set in the miter saw to create the correct cut angle.

## Automatic Shut-off

This instrument will shut-off automatically if no operation is received within five minutes.

## Measured Angles

Position the angle level arm and the base arm plane against the edges to be measured. The displayed reading corresponds with the internal angle between the angle level arm and the base arm.

The displayed reading can be retained in the display by pressing the Hold/⌘ key for a short time. When the hold key is pressed, "HOLD" is indicated in the display. The measured angle reading will be held (even when the legs are moved in relation to each other) until the Hold/⌘ key for is pressed for a short time again.

## Transferring angle to miter angles

When directly projecting a measured angle onto a work piece, pay attention that the angle level arm and base don't move. After pressing the Hold/⌘ key for a short time, which stores the measured angle, the user can now activate the MITER key. By pressing the miter key, the Angle Finder is taking the measured angle and converting it to the correct miter cut angle. This measurement is the angle that needs to be set in the miter saw to create the correct cut angle.

## Technical Date:

Measuring Range	0°-230°
Measuring Accuracy	±0.5° (9mm/m)
Power Supply	1 x 9V battery
Leg to leg length	450mm
Working temperature	0°C-50°C
Automatic Shut-off	Approx 5 min