

ST99G Digital Angle Level Instruction Manual

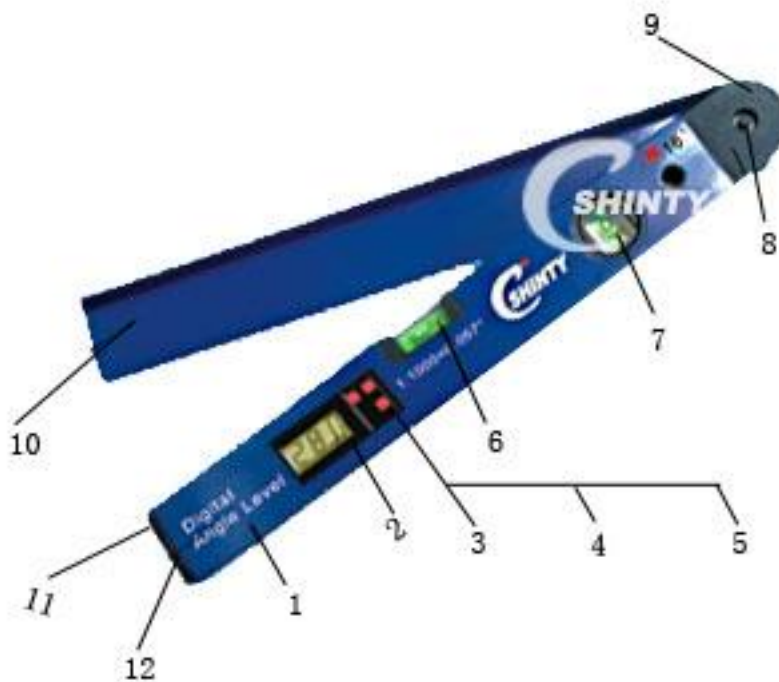
APPLICATION:

It is a digital angle measuring device which's read is more easier and exact than other scale indicated angle level. It is mainly intended for applications which involve lineation for woodworkers, measure and definition of the exact angles such as trays, sloping roofs and handrails. It also can be used as spirit level quickly measure the horizontal and vertical angle.

FEATURES:

- 1、 Easily readable LCD display shows the exact angle at once.
- 2、 Automatically shut off after five minutes to prolong the batteries' life.
- 3、 Backlight design: keep its normal use on dark light.
- 4、 Data holding function: Help the users effectively note the angle.
- 5、 Low power Alarm.
- 6、 Mechanical lock: Keep the angle invariable in the process of line or measure the angle.
- 7、 Measuring range: $0\sim 225^{\circ}$. The value of the angle increases or decreases in the steps of 0.1° when open or close the angle.

DESCRIPTIONS:



1. Scale Arm
2. LCD Display

3. Backlight ON/OFF Button
4. Switch ON/OFF Button
5. Holding ON/OFF Button
6. Horizontal Glass Vial
7. Vertical Glass Vial
8. Lock Button
9. Axis of Rotation
10. Rotation Arm
11. Battery Cover
12. Head Cover

OPERATING PROCEDURE

(→)、MEASURE ANGLES FUNCTION

- ① Switch on ST99G.
- ② Unfold the arm of ST99G, the opening angle increases or decreases on LCD display in the steps of 0.1° .
- ③ Adopt the comparative method to measure the angle or set the lineation angle.
- ④ You can fasten the Lock Button to keep the angle invariable when drawing the angle line.
- ⑤ Open the backlight when the beam is dark.
- ⑥ Open the Holding switch, which can help users reliably note the measuring data.

(↔)、Spirit level Function: Quickly measure the horizontal and vertical degree.

CAUTION:

1. Do not random move the screws and components.
2. Please handle your angle meter with care, use even strength to rotate the Rotate Arm, and do not use too much strength.
3. Don't keep the backlight open for a long time.
4. When the low power Alarm icon appears on the display, please change the batteries soon.
5. DO not let it fall on the floor strongly.

TECHNICAL SPECIFICATION:

1. Length: 450mm
2. Measuring angle range: $0^{\circ} \sim 225^{\circ}$.
3. Increase/decrease angle: 0.1° .
4. Automatically shut off after five minutes.
5. Measuring precision: $\pm 0.5^{\circ}$
6. Working temperature: $-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$
7. Battery: 9V6F22