

# Jtech DXL360S



## Features:

- 1) DXL360S: High accuracy  $\pm 0.05^\circ$ , high resolution  $0.01^\circ$
- 2) Dual and Single axis with user friendly LCD display angle
- 3) Rechargeable
- 4) V Shape metal case for easy to fit at the corner or pipe.
- 5) 5 Side Magnetic base
- 6) Audible alarming at settable angle range
- 7) Any angle measurement

**8) USB / Bluetooth to pc connection need adapter for DXL360S.**

**9)Any angle measurement is using gyro technique.**

You can measure the angle between two faces, not only in earth gravity direction.

- 1) Press Angle key at the first face, and then rotate slowly and must keep the rotation axis to another testing face
- 2) It will then show the angle once you not move the unit.

## **Specifications**

### **Accuracy:**

**0 to 20°: ± (0.05°)**

**20 to 70°: ± (0.1°)**

**70 to 90°: ± (0.05°)**

**\*After Calibrated**

**Measuring range: Single axis: 360°, Dual axis: ±40°**

**Resolution: 0.01°**

**Any Angle Measurement 0.5°**

**Gyro Rotation Speed: <50°/s**

**Response time: <0.4 second**

**Audio sound: 60dB @ 30cm**

**Zero offset drift angle per °C: 0.0058° (typical)**

**Operating temperature: 0 to 50°C**

**Storage temperature: -10 to 60°C**

**User Interface: Mono-color LCD with backlight**

**Supply Power: Rechargeable Li-Polymer 3.7V**

**Charger port: 5V 500mA Mini type-B USB port**

**Power Consumption:** Standby: 10uA, Operation: 20mA.  
**Standby Battery Life:** 4000 hours  
**Operating Battery Life:** 40 hours  
**Dimensions (in mm):** 70(L) x 70(W) x 23(H)  
**Magnetic Base:** affix at 4 corner  
**Magnetic Force:** N48  
**Weight:** 120gram

### **Application**

- Interior decoration
- Construction area
- Plumbing
- Floors & Stairs
- Woodwork

### **Including:**

- 1 pcs DXL360S Protractor
- 1 pcs Charger
- 1 pcs USB cable (Charging only Not for PC communication)

**\*\*\* If you need PC communication a adapter is optional to purchase**



**SVRS232 PC Adapter (TLL-90, DXL360 series inclinometer)**

**Features:**

Connect TLL-90, DXL360 series inclinometer to computer by USB.  
Using SV-PC interface software can data logging and save as excel file.

**Specification:**

- 1) PC connection: USB
- 2) Protocol: Virtual Com port
- 3) Baud rate: 9600
- 4) Size: 38X28X10mm
- 5) Weight: 10g



**Bluetooth PC Adapter (TLL-90, DXL360 series inclinometer)**

Connect TLL-90, DXL360 series inclinometer to computer by bluetooth.  
Wireless communication can easy for connection.  
Using SV-PC interface software can data logging and save as excel file.

**Specification:**

- 1) PC connection: Bluetooth Wireless
- 2) Distance: 10m @ open area
- 3) Protocol: Serial Communication
- 4) Baud rate: 9600
- 5) Battery life: 1.5hrs \*Can operate during charging
- 6) Size: 38X28X10mm
- 7) Weight: 15g