



CL 185 Cone Laser Operating Instructions:

Press the on/off key to turn the laser on. The laser does a self-test when turned on. The beam blinks while the laser is self-leveling. After it has leveled, the head will rotate. The laser is in high speed mode (600 rpm) which is the recommended rotation speed for machine control applications.

The CL185 has many features some of these features are not used in the cone application

NOTE: We do **NOT** recommend using is the (H.I. alert). If this is turned on in windy conditions every time the wind shakes the laser it will turn off and beep to alert you that it has been moved.

This laser has been calibrated to enable the user to quickly set it for level work. Simply rotate the pin on the adjusting lens all the way counter-clockwise to the zero position.

The lens is infinitely adjusted between 0 to the maximum of -1.85%

The Label on the lens designates the approximate position for the percent of grade desire.

Example:

To get 1% of grade (1 foot of fall per 100ft.) turn the adjusting pin on the lens to the "1.0" mark. Next using the receiver, check to make sure the slope matches the desired slope. Adjust as necessary; re-check slope.

***Please note that these settings are approximations only and always double check with a Laser receiver ***

The maximum grade is preset to -1.85% (1.85ft of fall per 100ft). This can be achieved by rotating the adjusting pin on the lens all the way clockwise to the -1.85 position.

The Manual Mode is not usually used

In some special applications the manual mode can be used to set the (X-axis and Y-axis)

To adjust X-axis - Put the CL185 in the manual mode (press the MAN button the LED will begin blinking indicating that the Laser is now in manual mode). Turn the laser to the X-axis (axis is marked on top of laser sun shade) now use the (^) button to set positive slope and the (v) button to set negative slope into the X-axis. (Refer to the operating manual page 6 for further instructions.)

To adjust Y-axis - Put the CL185 in the manual mode (press the MAN button; the LED will begin blinking indicating that the Laser is now in manual mode). To adjust slope into the Y-axis: turn the laser to the Y-axis (axis is marked on top of laser sun shade) press the (H.I) button (two LED's will blink) now use the (^) button to set positive slope and the (v) button to set negative slope into the Y-axis. (Refer to the operating manual page 6 for further instructions.)