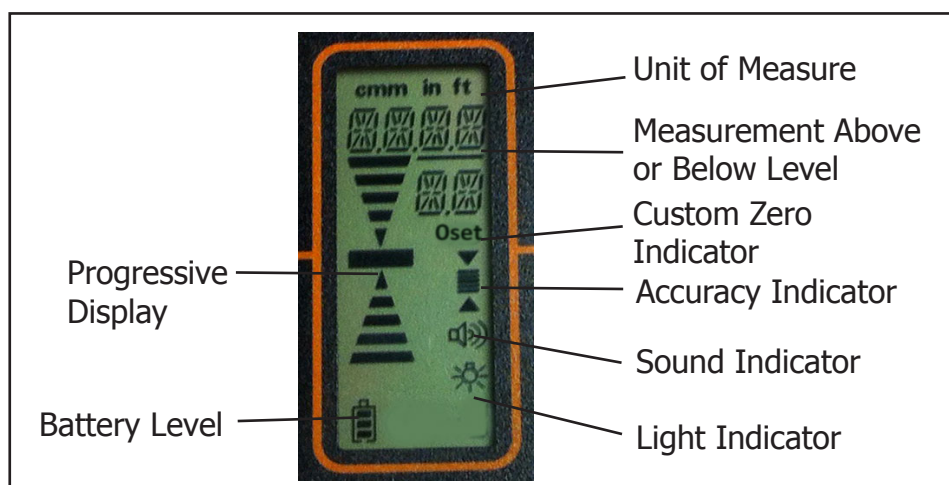




LR720

Instruction Manual

The LR720 is a laser receiver for red rotating lasers which features large reception window, millimetre measurements from level, custom set level, 3 accuracy settings and sound options. The LR720 also features durable rubberised casing, Bright LED indicators on 3 sides, dual LCD display and comes with clamp.



Battery Compartment
4x "AA" Alkaline Batteries



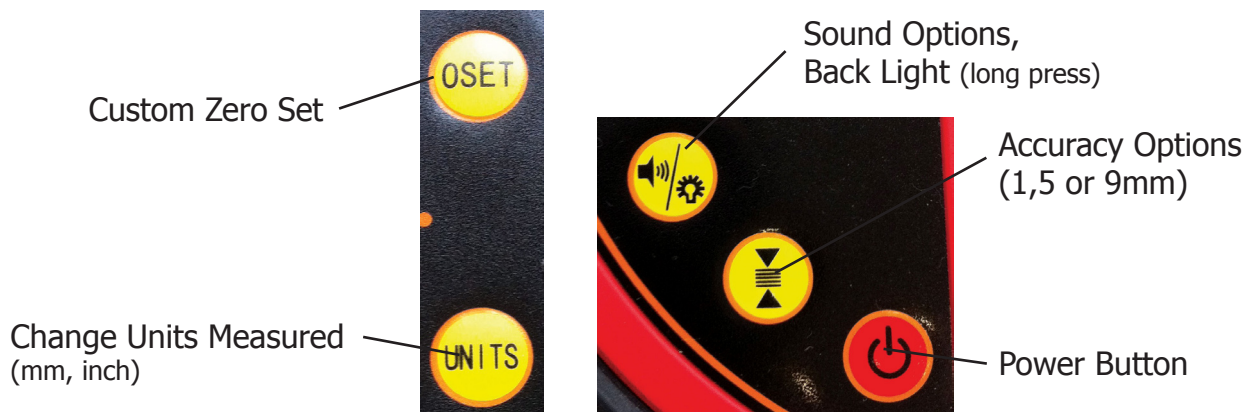
Operation

First lift the tab securing the cover to the battery compartment. Insert four NEW alkaline "AA" batteries in the battery compartment in the direction indicated, and close the cover.

To power up the receiver press the red power button the display will flash a solid tone will sound. The receiver will now pick up any red rotating laser beam striking the long red reception window on the front of the receiver.

The staff clamp is attached to the receiver by mating up the two location points and locking screw, which can then be tightened.

www.redbacklasers.com.au



The LR720 has a 130mm reception range as indicated by the long red window on the front of the receiver. When displaying the height of the laser compared to the level point in mm the LR720 will display up to +/- 45mm from level, between 45mm and 65mm above or below the LCD display will indicate "OUT" and the appropriate LED lights will flash. When a measurement is displayed it indicates the distance between level and where the laser is actually striking the receiver, the arrows and LED lights indicate which side of level the laser is. This allows you to quickly and accurately to guide the receiver to the level of the laser beam being emitted by your rotating laser level.

To select sound volume press the Sound Options button (short press) which will cycle through; off, low, high (default) sound levels.

To select Accuracy press the Accuracy Options button which will cycle through level bands of; 5mm, 9mm and 1mm (default). The default single line between the two arrows on the display indicates fine mode 1mm, 3 lines 5mm and 5 lines is 9mm, the mm value flashes up on the LCD display momentarily.

Units of measure can be selected with the "UNITS" button, millimetres is default, you could also select cm, inch and feet.

The LCD backlight function is activated by the same button as Sound Options to activate press and hold button for two seconds and back light will turn on, to turn off press and hold same button for two seconds.

Low Battery is indicated by a battery symbol appearing on the bottom left of the LCD display.

The "OSET" button is used to set a customised level point other than the default level point as indicated by markings on the casing. A custom level point can be set between 20mm above and 20mm below the default level point. A custom level point is set to where the laser is currently striking (assuming it is within the +/-20mm band) by pressing the "OSET" button the receiver (while laser is striking it) will now show as being level at that height the LCD display will flash "Oset" to indicate a custom level point has been set. To clear this custom level and return to the default setting either press the "OSET" button once more or power off the receiver.

Auto power off function will activate after 10 minutes of the receiver not picking up a laser, this is to save battery.

The LR720 has bubble vials built into its casing, this is to aid in accuracy, when the top bubble is central in the vial then the receiver housing is level side to side. The bubble vial on the long edge is used when using the receiver to pick up a rotating laser on the vertical plane for alignment.

The LR720 also features two magnets, useful for indoor installation work when using steel structures. They are not designed for attaching to a moving machine arm as heavy vibrations could make the receiver to fall.

Specifications

Laser Reception Range:	up to 300m depending on laser level
Accuracy:	Fine +/- 1mm, Mid +/- 5mm, Coarse +/- 9mm
Reception Window:	130mm
Units of Measure:	millimetres, Centimetres, inches, feet
Power:	4x "AA" Alkaline Batteries
Operation:	Up to 80hrs
Auto Off:	After 10mins of no reception
mm Reception range:	+/- 45mm from level
Custom Level Range:	+/- 20mm from default level
Water Dust Rating:	IP66 (rain/dust tight)
Temperature:	-10°C - +45°C
Weight:	0.75kg with Batteries

2 Year Warranty. Details on separate warranty slip