

R9 System Receiver

The R9 senses the plane of laser light projected by the Alpha transmitter and indicates a height position relative to the plane (high, low, or on grade). The R9 uses a five channel front LCD and a 3 channel rear LED display to convey elevation information. Along with the visual displays, an audio tone also indicates when the receiver is high, low, or on grade.

When the R9 is exactly centered at the beam height, an on grade bar indication is displayed and a steady tone can be heard. If the R9 is too high, an arrow shows the direction to move the receiver and a fast beep will be heard.

If the R9 is too low, an up arrow shows the way to move the receiver and a slow beep will be heard.



The R9 has three control switches, power on/off, tone high/low/off, and on grade accuracy selection. Pressing the power switch activates the R9. The audio tone will sound and the LCD display will show the tone and accuracy icons. The R9 is ready to operate in standard accuracy with loud tone. Pressing the volume switch one changes to low volume, twice turns the volume off. When the volume is off, there will still be a single tone the first time the R9 senses a laser signal. Pressing the accuracy switch once changes to the coarse setting, twice changes to fine. The R9 automatically turns off if no laser beam strikes are received for twelve minutes. The R9 is powered by a 9V battery that lasts approximately 60 hours. When the battery is nearly used up, the low battery indicator will be displayed. To replace the battery, locate the battery door on the back of the housing and slide the door toward the bottom of the receiver. Remove the battery from the compartment (you may need to tap the R9 on your palm to free to battery). Replace the battery following the diagram molded on the battery door.

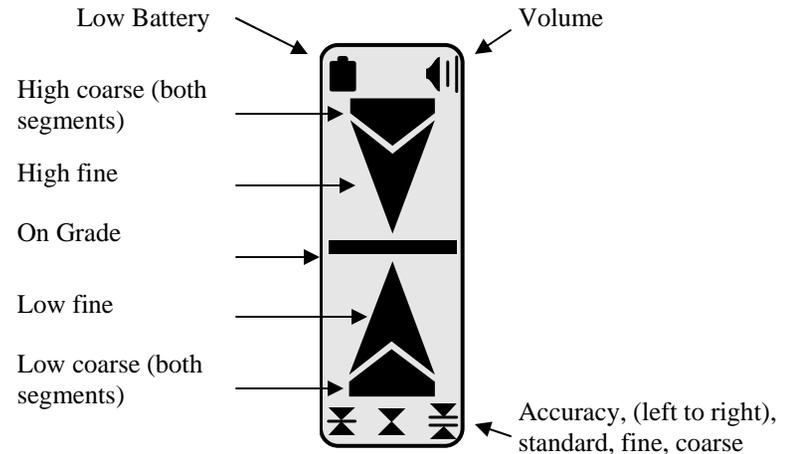
R9 Specifications

Reception Height	2 inches (50mm)
Reception Angle	120 degrees
On Grade Accuracies	±1.6mm std, ±3.2mm coarse, ±1mm fine
Power Supply	9V alkaline, 60 hours run time
Automatic Shut Off	After 12 min. (no laser strikes)
Environmental	Sealed against dust & water
Mount Clamping Range	5/8" to 2-1/2" (16 -65mm)

Controls & Displays

Receiver Controls & Display

- **Power Switch** turns receiver on & off
- **Volume Switch** toggles sound from high to low to off.
- **On Grade Accuracy Switch** toggles from standard to fine to coarse.



Rear LED Display

5 Channel Display

Power Switch

Volume

On Grade Accuracy Switch

