



DG211 PRODUCT LAUNCH

Roland Grimm | Product Manager

June 2023



DG211 Spectra Precision 4" Pipe Laser



Applications

- Pipe laying
- Alignment
- 4 inch pipes
- Perfect for house connections



How we win

- Fits into a 4 in / 100 mm pipe (inner pipe diameter)
- Legs available to adopt to pipe diameter
 - 125mm, 150mm, 200mm, 225m, 250mm, 300mm
- Remote can switch off the laser
- Grade range -20% to +30%
 - Self leveling range only -10% to +25%



How we win

- Digit Select Mode (menu) and Step & Go mode (arrow buttons)
- Lock keypad
- Roll Alert
- Standby mode



Technical Specifications DG211

Laser	600 – 680nm
Level Accuracy ^{1,2}	+/- 1.5 mm @ 30 m; 1/16" @ 100 ft
Grade Accuracy ^{1,2}	+/- 9 mm @ 30 m, 1/4" @ 70 ft
Operational Area	Up to 150 m / 500 ft
Self Leveling Range	-10% to +25%
Grade Range	-20% to +30%
Power Supply	Li-Ion pack or 4 C-Cell alkaline (user supplied)
Battery Operating Time NiMH (20°C / 68°F) ¹	36 hours
Battery Charging Time	< 6 hours
Roll Alert	Yes
Operating Temperature	-10°C to 50°C / 14°F to 122 °F
Dust & Waterproof	IP68
Product length	372 mm / 14.65 in
Diameter	96 mm / 3.78 in
Warranty	36 months



RC201 Spectra Precision Infrared Remote Control



RC201

- Will be shipped without Alkalines
- Can switch off the laser

Technical Specifications RC201

Operating range ^{1, 3}	150 m / 490 ft
Power Source	2 x 1.5V AA Alkaline batteries (user supplied)
Dimensions	148 x 79 x 33 mm / 5.83 x 3.11 x 1.3 in
Weight (without batteries)	153 g / 0.34 lbs

1) at 21°C / 70°F

2) along the axis

3) under optimal atmospheric conditions



P11 battery pack & door



B11 charger



Backup slides for details



How we win

- Fits into a 4 in / 100mm pipe (inner pipe diameter)
 - No legs are used when laser has to fit into 100 mm pipe
- Legs available to adopt to pipe diameter
 - 125mm, 150mm, 200mm, 225m, 250mm, 300mm
 - Only 125mm legs are shipped in the case
 - Other legs are accessories but fit into the case
- Remote can switch off the laser
 - Remote can not siwtch on the laser



How we win

- Grade range -20% to +30%
 - Self leveling range only -10% to +25%
 - Grade more than -10% and more than +25% requires a tilt adjustment of the laser
- Digit Select Mode (menu) and Step & Go mode (arrow buttons)
 - Also possible using the remote control
- Lock keypad
 - Also possible using the remote control



How we win

- Roll Alert
 - Blinking symbol on the display
 - Symbol helps to show the correct role adjustment
- Standby mode
 - Also possible with remote control
 - 8 hours maximum

