



PRODUCTS YOU PROFIT FROM

PROGRAMMABLE GRADE LASERS

GL412N / GL422N Single and Dual Grade Lasers with Vertical Alignment



RC402N Remote Control



Key Features and Benefits

- GL412N / GL422N are grade plus horizontal and vertical lasers. Simple, accurate dial in grade from -10% to +15% (Single GL412N, Dual GL422N)
- Up to 2,600 ft (800 m) working diameter which increases productivity by reducing need for multiple set-ups on a large job site
- Fast setup, minimal training time and automatic self leveling minimize operating costs and boost productivity
- Highly rugged design and patented lighthouse seal protects the rotor head and glass and offers superior drop and weather protection for reduced downtime
- 2-way full function remote control allows grade changes to be made from anywhere on the jobsite
- Temperature calibrated for high accuracy over wide temperature changes
- IP66 dust and water-proof to withstand harsh jobsite conditions
- Customizable with choice of HL760 or CR600 receivers
- Mask mode eliminates interference from other crews on the jobsite
- Automatic Grade Match and PlaneLok

Applications

- Leveling concrete forms and footers
- General construction vertical alignment and plumb such as anchor bolt and form alignment
- "Over the top" sewer and storm drain pipe installations
- Grading and excavating
- Driveways and ramps
- Trenching
- Sport fields, tennis courts (GL422N only)
- Steep slope road embankments and ditch banks

Part No.	Receiver	Clamp	Remote
GL412N (518735) GL422N (508737)	HL760	C70 Adapter for receiver	RC402N
All part numbers include GL412N/GL422N transmitter, case and NiMH rechargeable battery pack and charger.			





PRODUCTS YOU PROFIT FROM

Versatile Grade Lasers with Vertical Alignment

GL412N/GL422N Specifications

- Leveling accuracy^{1,3}: ± 1.5 mm/30 m, 1/16" @ 100 ft, 10 arc seconds
- Operating diameter^{1,2}: appr. 800 m (2600 feet)
- Grade range:
 - 10% to +15% (Dual Axes GL422N)
 - 10% to +15% (Single Axis GL412N)
- Rotation: 300, 600 rpm
- Laser type: red diode laser 650 nm
- Laser class : Class 2, <3.4 mW
- Self-leveling range: ± 5° (±9%)
- Leveling indicators: LCD indications and LED flashes
- Radio range (HL760): up to 100 m (330 ft)
- Power source: 10.000 mAh NiMH battery pack
- Battery life¹: 35 hours NiMH; 50 hours alkaline
- Operating temp.: -20°C to 50°C (-4°F to 122°F)
- Storage temp.: -20°C to 70°C (-4°F to 158°F)
- Tripod attachments:
 - 5/8 x 11 horizontally and vertically
- Dust and waterproof: Yes - IP66
- Weight: 3.1 kg (6.8 lbs)
- Low voltage indication: LCD battery indicator
- Low voltage disconnection: unit shuts off
- Warranty: 5 Years

HL760 Digital Readout Receiver

- Highly versatile receiver for basic and advanced leveling and aligning applications
- Works with GL412N/GL422N in automatic Grade Match and PlaneLok applications
- Key Features:
 - Digital readout of elevation
 - Exact distance from grade displayed
 - Anti-strobe sensor to prevent false reading from jobsite strobe lights
 - Large reception height to ease beam reception
 - Withstands a drop of up to 3 m (10 ft)
 - Fingerprint function - detects only the laser beam of the paired transmitter
- User Benefits:
 - No need to go "on-grade" to measure;
 - Saves considerable time
 - Reduces rework by allowing remote monitoring
 - Increases reliability, accuracy and durability

RC402N Remote Control Specifications

- Operating range^{1,3}: up to 100 m (330 ft)
- Power source: 2 x 1.5V AA alkaline batteries
- Battery life¹: 130 hours
- Dust and waterproof: Yes - IP66
- Weight: 0.26 kg (0.57 lbs)

HL760 Digital Readout Receiver Specifications

- Digital readout units: mm, cm, ft, in, frac. in
- Reception height: 127 mm (5 inches)
- Six On-grade sensitivities:
 - Ultra Fine 0.5 mm (~1/32 in)
 - Super Fine 1 mm (~1/16 in)
 - Fine 2 mm (~1/8 in)
 - Medium 5 mm (~1/4 in)
 - Coarse 10 mm (~1/2 in)
 - Calibration Mode 0.1 mm (~1/64 in)
- Battery life (2 x AA):
 - 60+ hours continuous operation
- Auto shut-off: 30 minutes/24 hours
- Operating temp.: -20°C to 50°C (-4°F to 122°F)
- Dust and waterproof: Yes - IP67
- Weight: 0.27 kg (9.5 oz)
- Warranty: 3 Years "No Excuses"

⁽¹⁾ at 21° Celsius (70° F)
⁽²⁾ under optimal atmospheric circumstances
⁽³⁾ along the axis



GL412N/GL422N features a strong metal sunshade



RC402N Radio Remote Control for all applications



CR600 Combination Receiver can be machine or rod mounted for increased productivity applications



HL760 Digital Readout Radio Receiver to measure and display beam location