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No. Folio: 14720

LASER

TRIMBLE

GL422

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08329513



Spectra Precision Laser GL412 and GL422

Maximum Versatility for Leveling, Grading and Vertical Alignment with Plumb

GL412 and GL422 Features

- Fast, easy horizontal level, grade and vertical plumb setup with no manual leveling
- Quick lock-in for easy setup with the 2-way radio remote control, and angle and dual grade application capability
- No need for a subsense temperature and grade compensation
- Very long operating range - 800 m (2,625 ft) diameter (GL422 only) for increased machine control capability and lower setup over the job site
- Very rugged with low maintenance, robust 4-strap fit in 10 ft (3 m) class concrete
- Black non-slipwear resistance with other covers on the job site
- Pushing mode allows "One the Top" pipe laying for house construction
- Patented internal case with virtually no downtime

Specifications

Laser type / class 3-Beam IR/Class 2/Class 1A/Class 2/Class 2D
 Operating range / diameter 800 m (2,625 ft)
 Operating diameter / dia (ft) 800 m (2,625 ft)
 Wavelength 905 nm (35,425 nm)

Compensation method NV Electronic Self-Leveling
 Temperature compensation Yes, every 1 °C
 Level vertical accuracy 0.1 mm (0.004 in)
 Grade range 15 mm (0.59 in) to 10% (0.1000 in/ft)
 Grade accuracy ±10 to ±10% Single-Beam (GL412)
 Grade resolution 0.025% (0.00025 in/ft or 0.0010%)
 Grade resolution 0.01% up to 100%
 Grade resolution 0.01% at higher grades

Grade compensation No
 Remote control type Full 2-way communication, operation and security lock with transceiver
 Remote control range / dia (ft) 100 to 200 ft (30 m)
 Rotation speed 0.5 to 1.0 Hz (30 to 60 RPM) adjustable
 Recharge battery life / dia (ft) 27 hours
 Recharge battery life / dia (ft) 100 to 200 minutes
 Mount mode 1 pin under normal use
 Mount mode 2 pin under normal use
 Mount mode 3 pin under normal use

Stability mode Yes
 Display / bar/LED Yes, with shut-off after 3 seconds
 Mounting bracket 30° to 90° (horizontal and vertical)
 Operating temperature -20° to 50° C (-4° to 122° F)
 Dimensions 276 x 100 x 100 mm (10.9 x 3.9 x 3.9 in)
 Weight 1.1 kg (2.4 lb)
 Warranty 2 years

- Power Switch
- Liquid Crystal Display (LCD)
- Grade Beam Cover and Vertical Line Bubble
- Manual Stop Adjust Buttons
- Manual Stop Release Button (GL422 only)
- Manual Stop Adjust Buttons
- Manual Stop Release Button
- Level LED
- Height of Instrument (H) / Manual LED
- Display LED
- Automatic Grade Setting System and Spirit Level
- Optical Leveling
- Light Sensor
- IR 90° Spirit Level System (Remote and Internal)



DE 360 GRADOS,

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