



# QML800 QuickMark Layout

NEW  
FOR  
2015



**X Marks the Spot**



FAST  
ACCURATE  
EASY-TO-USE

# QML800



## QML800

The QML800 QuickMark Layout System is a completely new way to layout interior points. Typically there have been few choices between a labor intensive tape measurer or an expensive, complicated robotic total station. The QML800 is a productive solution your existing staff can use with little training.

The system uses 2 laser beams that literally mark a visible "X" at the desired location. The user simply selects the desired point on the controller and the lasers position the "X" at the correct location. Complicated shapes, arcs, curves and circles are as easy to layout as corners. The lasers are controlled by an intuitive high resolution Android tablet with standard gestures and controls. Setup is accomplished through a quick process locating two known points on the jobsite.

Time to complete the job is decreased. Labor savings of 50% can be expected, accuracy is increased, errors are reduced and the layout crew is out of the way.

## Easy-To-Use Visible System

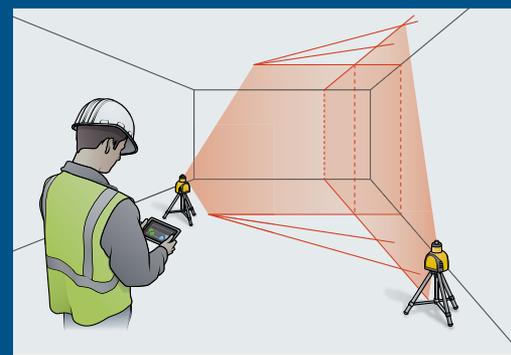
- Visible X marks the spot
- Intuitive tablet interface
- Fast setup with minimal training
- Current teams can use the system
- Surveying background not necessary

## No Measuring

- Eliminate calculation and tape reading errors
- Errors are not compounded from one marking error
- Complex shapes and dense areas are easy to layout
- Wireless communications between tablet and lasers

## Fast and Efficient

- Points located in 5 seconds
- Labor reduction up to 50%
- Reduce trade conflicts on site
- Layout and get out
- Quick ROI – 1 to 3 jobs



## Multiple Methods to Add Points

Multiple methods are available to add points to the controller

- CAD export
- Create Excel spreadsheet and export CSV file
- Manually enter points
- Points can be updated live on the jobsite when needed

## Numerous Applications

System is ideal for drywall contractors, MEP contractors, general contractors, construction managers and architects. Other layout tasks including warehouse racking, factories, office walls / cubicle layout is also enhanced.



## Job Results - Typical Jobsite



**56%**

Reduction in labor hours



**1 Day**

Layout complete instead of 3-4 allowing contractor to make more profit on the job



**Eliminate Errors**

Marking errors not carried forward



**1/8" Accuracy**

Across the entire floor



**1200+ Linear Feet per Day**

By typical two person crew with minimal training



**In & Out**

Before other trades start blocking working space

### Lasers

- Accuracy: 3 mm (1/8") typical
- Self-leveling range: 4o ±1 deg from true level
- Working range
  - Typical work area: 30m x 30m (100ftx100ft)
  - Visible distance: 22m (70ft)
- Battery
  - Type and rating: Lithium ion, 5200 mAh, 3.7 V
  - Operating time: 16 hrs
  - Charge time: 10 hrs
- Laser Class: Class II, less than 1 mW
- Laser Type: 635 nm
- Environmental
  - IP: IP54
  - Operating temp: -10oC - 45oC (14oF - 113oF)
  - Storage temp: 20oC - 60oC (-4oF - 140oF)
- Size
  - Laser instrument: 700 x 445 x 254mm (28 x 18 x 10 in)
  - Packaged case: 267 x 165 x 165mm (10.5 x 6.5 x 6.5 in)
- Weight
  - Laser instrument: 2.7 kg (6 lbs)
  - Packaged case: 10.5 kg (23 lbs)

### Controller

- Model: Google Nexus 7
- Manufacturer: Asus
- Size Screen: 7 inch (178mm) diagonal
- Wireless
  - Protocol: IEEE 802.11b/g/n
  - Frequency: 2.4 - 2.497 GHz
  - Range (typical): 35m (120 ft)
- Protective case: Bobj rugged case
- Weight (in case): 0.3 kg (0.6 lbs)

### Tripods

- Height: 0.48m - 0.84m (19 in to 33 in)
- Attachment thread 5/8 x 11

### LP30

- Level/Up Beam Accuracy: ± 1.5 mm @ 5 m (± 1/16 in. @ 17 ft)
- Down Beam Accuracy: ± 1 mm @ 0.5 m (± 1/16 in. @ 2.5 ft)
- Self-Leveling Range: ±4° from level
- Laser Class: Class II
- Laser Type: 635 nm
- Battery Life: 20 hours (alkaline)

### An Entire industry. Invented here.

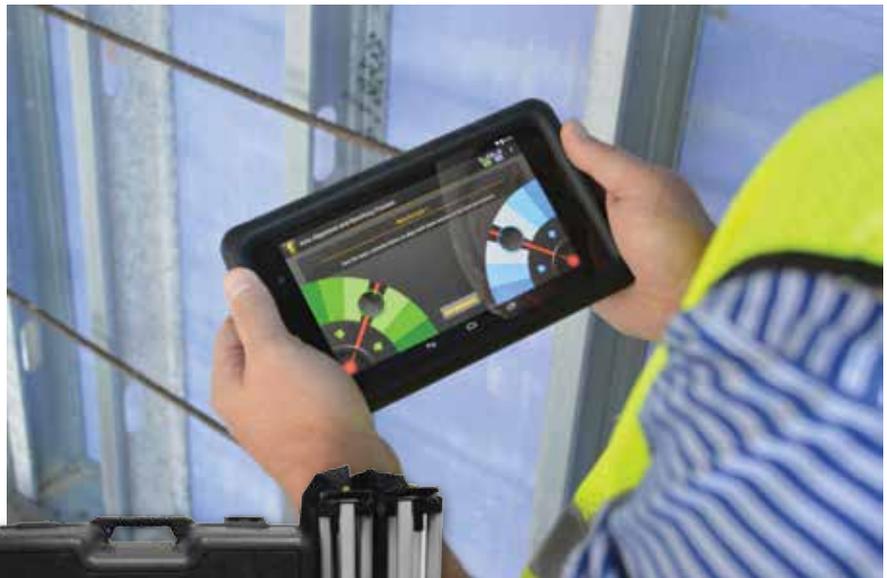
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### Easiest to Use

Spectra Precision instruments are engineered with state-of-the-art components, giving you the most dependable, easiest to use, laser on the job site. Spectra Precision products are always ready to work when you are.

### Best Support

Each Spectra Precision product is built with the user in mind. That is why we test and retest every laser we manufacture to assure you the most dependable, accurate laser in the world. Backed by the world's largest network of repair centers, Spectra Precision is unmatched for service, support and dependability.



*The QML800 all-inclusive package consists of 2 lasers, 2 tripods with canvas bag, Nexus controller, LP30 pointer and beam interceptor, chargers, laser enhancement glasses, carrying case and instructions*

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