



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. Setup is accomplished through a quick process locating two known points on the jobsite.

Easy-To-Use Visible System

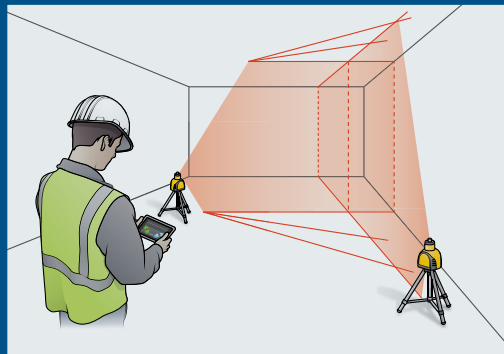
- Visible X marks the spot
- Intuitive Android app
- Fast setup with minimal training
- Surveying background not necessary

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
- Arc and circle functions included

Fast and Efficient

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



Columns are Effectively Invisible

The QML800 system provides a clever column work-around. If a column blocks one of the laser beams, the system provides a quick solution to locate the desired point from a new point located along the unblocked laser. All desired points are located fast and accurately.

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



Hours Instead of Days

Layout complete much faster



Eliminate Errors

Marking errors not carried forward



Accuracy

All points within 1/8"



No More Tough Layouts

Even complex serpentine soffits are easy



In & Out

Before other trades start blocking work space

Lasers

- Accuracy: 3 mm (1/8") typical
- Self-leveling range: $4^\circ \pm 1^\circ$ from true level
- Working range
 - Typical work area: 30m x 30m (100ft x 100ft)
 - 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: $-10^\circ\text{C} - 45^\circ\text{C}$ ($14^\circ\text{F} - 113^\circ\text{F}$)
 - Storage temp: $20^\circ\text{C} - 60^\circ\text{C}$ ($-4^\circ\text{F} - 140^\circ\text{F}$)
- 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: $\pm 1.5 \text{ mm} @ 5 \text{ m}$ ($\pm 1/16 \text{ in.} @ 17 \text{ ft}$)
- Down Beam Accuracy: $\pm 1 \text{ mm} @ 0.5 \text{ m}$ ($\pm 1/16 \text{ in.} @ 2.5 \text{ ft}$)
- Self-Leveling Range: $\pm 4^\circ$ from level
- Laser Class: Class II
- Laser Type: 635 nm
- Battery Life: 20 hours (alkaline)



Layout complex shapes quickly and accurately



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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