



# QML800/QML800G QuickMark Layout

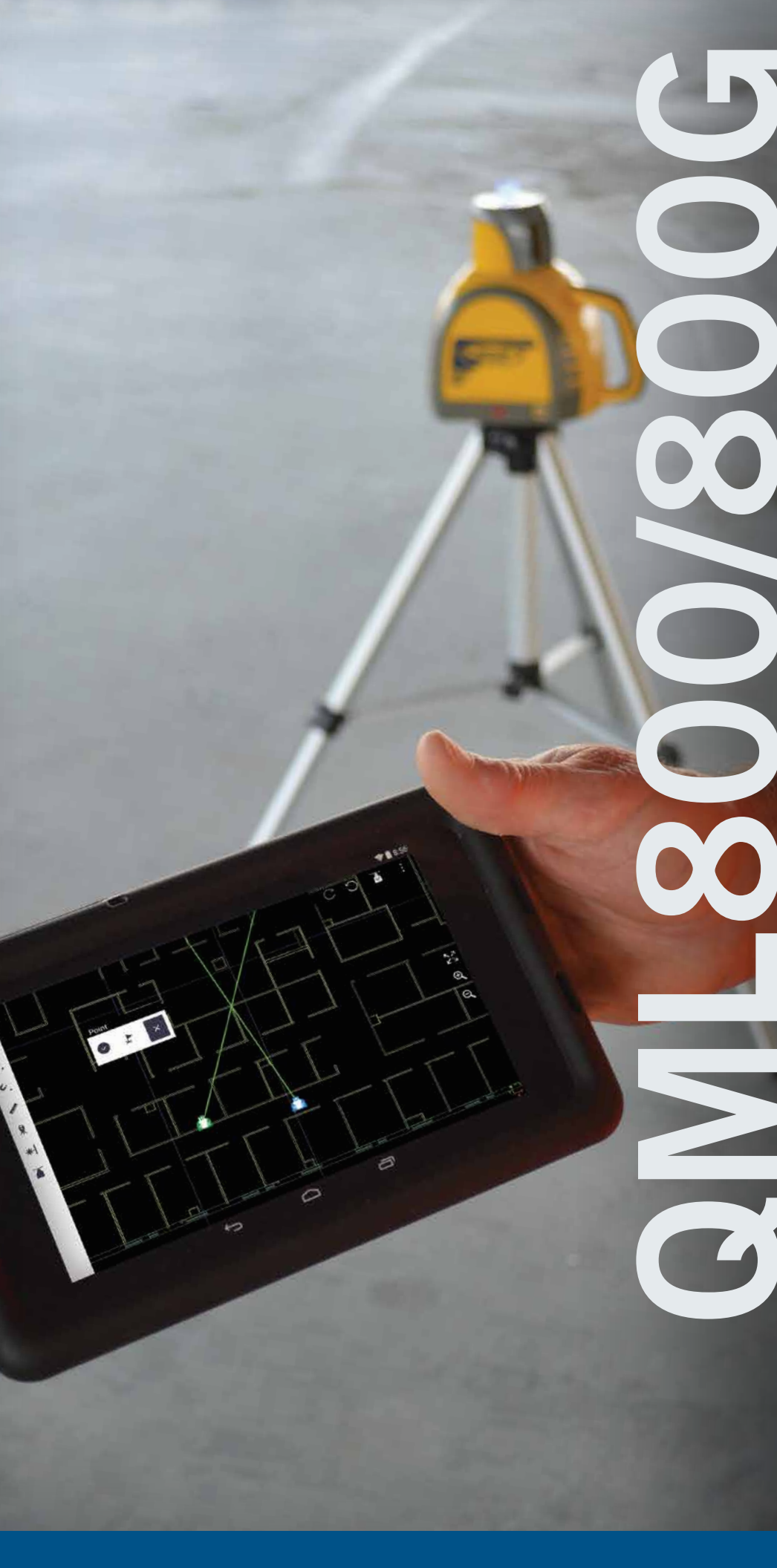
**NEW**  
EST. 2016



**The 1<sup>st</sup> Tap 'n Go  
Interior Layout System**



**FAST  
ACCURATE  
EASY-TO-USE**



## QML800 / QML800G

The QuickMark Layout is a completely new way to do interior layout. The system uses 2 laser beams that literally mark a visible "X" at the desired point location. The user simply taps the desired point on the tablet controller – the lasers position the X at that location on the floor and ceiling. Complicated layout shapes such as arcs and multi-layered serpentine soffits are easy to layout. The lasers are controlled by an intuitive Android tablet application. Set up is accomplished through a quick process of locating 2 known control points on the job sites.

The QML800 uses red beam lasers and the QML800G uses high visibility green beam lasers.

### New BuildView Field Software

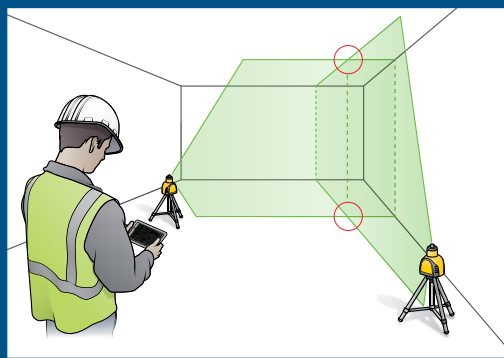
With the QML800, architectural files can now be loaded directly onto the tablet. The floor plan can be viewed in the BuildView field software. Locating a point on the floor is as simple as tapping on the desired intersection or point on the drawing. BuildView is powerful, fast and simple to use.

### BuildView Office Software

QML800 also includes license to BuildView Office computer software. Architectural drawings can be opened and viewed in this program. Job files can be reviewed for completeness - issues addressed with the architects, general contractors and contract managers before arriving at the job site. A more productive first day of layout will follow.

### No Measuring

- Eliminate calculations and tape reading errors
- Marking errors are not compounded since points are successive points are not measured from previous points
- Complex shapes such as serpentine soffits and curved walls are easy and quick to layout



## Columns are Effectively Invisible

QML800 includes a clever “Column Buster” function that provides quick work around when columns are in the way. Columns no longer block location points.

## 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.

## Work Around Clutter

Clutter and pallets of material on the job site floor are a challenge for the layout crew. Our Clutter Buster accessory (in option on QML800) enables layout specialists to capture the laser X above the clutter and translate the point to the floor with a laser plumb pointer. The Clutter Buster accessory is standard in the QML800G package and optional for the QML800.



## 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

# QML800 / QML800G Technical Specifications

## Lasers

- Accuracy: 3 mm (1/8") typical
- Self-leveling range:  $4^\circ \pm 1^\circ$  from true level
- Working range
  - Typical work area:
    - 800: 30m x 30m (100ft x 100ft)
    - 800G: 40m x 40m (130ft x 130ft)
  - Visible distance:
    - 800: 22m (70ft)
    - 800G: 30m (100ft)
- Battery
  - Type and rating:
    - Lithium ion, 5200 mAh, 3.7 V
  - Operating time: 16 hrs red, 10 hrs green
  - Charge time: 10 hrs
- Laser Class: Class II, less than 1 mW
- Laser Type: 522 - 635 nm
- Environmental
  - IP: IP54
  - Operating temp:
    - 10°C - 45°C (14°F - 113°F)
  - Storage temp: 20°C - 60°C (-4°F - 140°F)
- Size
  - Laser instrument: 700 x 445 x 254mm (28 x 18 x 10 in)
- Weight
  - Laser instrument: 2.7 kg (6 lbs)

## Controller

- Size Screen:
  - 800: 7 inch (178mm) diagonal
  - 800G: 8 inch (203mm) diagonal
- Wireless
  - Protocol: IEEE 802.11b/g/n
  - Frequency: 2.4 - 2.497 GHz
  - Range (typical): 35m (120 ft)
- Protective case included

## Tripods

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

## LP30 (800)

- Level/Up Beam Accuracy:
  - $\pm 1.5 \text{ mm @ } 5 \text{ m}$  ( $\pm 1/16 \text{ in. @ } 17 \text{ ft}$ )
- Down Beam Accuracy:
  - $\pm 1.0 \text{ mm @ } 0.5 \text{ m}$  ( $\pm 1/16 \text{ in. @ } 1.7 \text{ ft}$ )
- Self-Leveling Range:  $\pm 4^\circ$  from level

## LP20G (800G)

- Level/Up Beam Accuracy:
  - $\pm 1.0 \text{ mm @ } 5 \text{ m}$  ( $\pm 1/32 \text{ in. @ } 17 \text{ ft}$ )
- Down Beam Accuracy:
  - $\pm 1.0 \text{ mm @ } 2.5 \text{ m}$  ( $\pm 1/32 \text{ in. @ } 8 \text{ ft}$ )
- Self-Leveling Range:  $\pm 4^\circ$  from level



Layout complex shapes quickly and accurately



The QML800 all-inclusive package consists of 2 red beam lasers, 2 tripods with canvas bag, 7" controller, LP30 pointer and beam interceptor, chargers, laser enhancement glasses, carrying case and instructions



The QML800G all-inclusive package consists of 2 green beam lasers, 2 tripods with canvas bag, 8" controller, LP20G green beam pointer and beam interceptor with white and green targets, clutter buster, chargers, laser enhancement glasses, rolling carrying case and instructions

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