



QUICKMAP 3D[®]

FOR ANDROID

QUICK START GUIDE

LTI PART #0144930

 LASER TECHNOLOGY ^{INC}

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This quick reference guide is divided up by specific LTI lasers used with the tablet.



LTI 20/20 TruSpeed® Sxb dual speed and survey laser blue in color



TruPulse® 200X survey laser red in color



TruPoint™ 300 survey laser red in color

















Tablet running Android 4.1 or later

 **LASER TECHNOLOGY** INC



[1st Step for All] Add WLAN, Install QM3D, Get Licensed

- [1] Turn on tablet, tap  **Settings**, tap  **Display** to set SLEEP to NEVER.
- [2] Tap  **WLAN** to select a wifi network and complete process.
- [3] Tap  **Settings** then tap  **Add account** to add a Google account or get assistance from your IT department to set up a dedicated email account for your reports.
- [4] Tap , then Search for: “LaserSoft QuickMap 3D”  and **INSTALL** the app.
- [5] From the main screen, tap , then tap  to open app. [6] Tap and hold to copy or notate Machine ID on paper.
- [7] Tap [License Manager website](#) link, then log in with your Email and temporary password sent from LTI. [8] Paste or type the Machine ID into .
- [9] From the Purchases Table, copy and paste or type in your purchase ID into .
- [10] Tap , then copy or notate the License Key. [11] Tap , then paste or type in the License Key and then tap .
- [12] Charge tablet. [13] Go to [2nd Step] depending upon your laser set up: TruSpeed Sxb, TruPulse 200X or TruPoint 300.

[2nd Step for TruSpeed Sxb] Toggle On *Bluetooth* Link:



[1] Press until (). [2] Press until (), then press to confirm selection ().

[3rd Step] Toggle On Electronic Filter and Survey Mode:

[1] While in Speed Mode, press until ().
[2] Press (). [3] Press to confirm selection ().
[4] Press to toggle on Survey Mode with electronic filter on ().
[5] Apply the mechanical filter to the front lens on the TruSpeed Sxb.

[4th Step] Sync Tablet's *Bluetooth* link with TruSpeed Sxb:

[1] Tap Settings, then tap Bluetooth. [2] Turn on tablet *Bluetooth* link.
[3] Tap the laser model/serial number under AVAILABLE DEVICES. [4] Enter PIN number: 6912 or accept any passkey. [5] Exit to main screen.

[2nd Step for TruPulse 200X] Toggle On *Bluetooth* link:



[1] Press to power the unit on. [2] Press until ().
[3] Press until (). [4] Press to accept.

[3rd Step] Change Units of Measure to Feet:

[1] Press until (). [2] Press to scroll through unit options (), (), (). [3] Press to accept the units of measurement ().

[4th Step] Toggle On Electronic Filter:

[1] Press until (). [2] Press to choose ().
[3] Press to accept selection. [4] Apply the mechanical filter to the front lens.

[5th Step] Sync Tablet's *Bluetooth* link with TruPulse 200X:

[1] Tap Settings, then tap Bluetooth. [2] Turn on tablet *Bluetooth* link.
[3] Tap the laser model/serial number under AVAILABLE DEVICES.
[4] Enter the PIN number: 1234 or accept any passkey. [5] Exit to main screen.

[2nd Step for TruPoint 300] Activate WLAN:



- [1] Press to power the unit on. [2] Press , then tap . [3] Tap twice, then activate WLAN connectivity . [4] Press to accept.

[3rd Step] Change Units of Measure to Feet:

- [1] Press then tap . [2] Tap twice, then change unit of measurement. [3] Short press to return to the main screen.

[4th Step] Connect TruPoint 300 to Tablet:



- [1] Tap Settings, then tap WLAN. [2] Tap the laser model/serial number listed in available networks. [3] Laser will display as connected.





[Final Step for TruPoint 300] Setting Up For Your First Shot:



- [1] Power ON all components. [2] Check tablet settings to verify TruPoint is connected. [3] Tap , then tap . [4] Enter file name, then tap and select equipment. [5] Enter Units that match the laser. [6] Measure from center of laser to ground and enter value . [7] For 3D maps measure center of target to ground and enter value , then tap . [8] Tap , wait for the icon becomes . [9] On TruPoint, follow leveling directions. [10] On tablet, leave all origin values at zero and tap . [11] Aim laser at desired reference point (target), then tap to zero laser, and tap . [12] Tap to add the reference data point to your map. [13] Enter “REF” for the description and tap . [14] Finish mapping the rest of the scene.





[Final Step for TruPulse 200X and TruSpeed Sxb] Setting Up For Your First Shot:




[1] Power ON all components. [2] Tap , then tap .

[3] Enter file name, then tap and select equipment.

[4] Tap , then enter Units that match the laser. [5] Measure from center of laser to ground and enter value . [6] Measure center of prism to ground and enter value , then tap . [7] Leave all origin values at zero and tap .

[8] On TruAngle, rotate 360 degrees until  becomes flashing .

[9] Aim laser at desired reference point (retro reflector), then tighten TruAngle brake  and press  on laser and  stops flashing. [10] Press  again to add the reference data point to your map. [11] Enter “REF” for the description and tap .

Notice that  turns into  at the top of QM3D screen. Tap  to refresh connection if necessary. [12] Finish mapping the rest of the scene.

Radial with Angle Mapping Package Assembly for TruPoint 300



Radial with Angle Mapping Package Assembly for TP200X and TSSxb



Access QuickMap Help:

[1] Tap  and choose Help.

Get help with:

- Laser/tablet *Bluetooth* or WLAN connection
 - *Low voltage on tablet or laser can hinder wireless connections.
 - **Pair laser to only one device at a time.
- Available mapping methods
- Corrections to data point heights, notes, and orientation
- Moving control point and equipment to a new position
- Converting inches to decimal feet for height entries
- Sending program diagnostics and/or survey QM3D file to LTI technical support (while on WiFi only)