

# Trimble Digital Fieldbook™

Trimble M3 Total Station

RELEASE NOTES

Version 7.01

Revision A

November 2010



# Table of Contents

<b>Release Notes</b> .....	<b>1</b>
Corporate Office.....	1
Product Information.....	1
New Features.....	3
Other Information.....	4
Documentation.....	5

# Release Notes

## Corporate Office

Trimble Navigation Limited  
Engineering Construction Group  
5475 Kellenburger Road  
Dayton, Ohio 45424-1099  
U.S.A.  
www.trimble.com

## Copyright and Trademarks

(c) 2010, Trimble Navigation Limited. All rights reserved.

Trimble, the Globe and Triangle logo, and GPS Pathfinder are trademarks of Trimble Navigation Limited, registered in the United States and in other countries.

Trimble Geomatics Office, Link and Trimble Digital Fieldbook are trademarks of Trimble Navigation Limited.

Microsoft, ActiveSync, Windows, Windows Mobile, Windows Vista, and Windows 7 are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.

All other trademarks are the property of their respective owners.

This document is for informational purposes only. Trimble makes no warranties, expressed or implied, in this document.

## Release Notice

This is the November 2010 release (Revision A) of the *Trimble Digital Fieldbook Release Notes*. It applies to version 7.01 of the Trimble Digital Fieldbook software.

## Product Information

This section contains information about the Trimble Digital Fieldbook™ software version 7.01 running on a Trimble M3 total station. For more information, refer to the Trimble Digital Fieldbook Help.

### New user

In a new instrument, the Trimble Digital Fieldbook software version 7.01 and the Microsoft® Windows® CE .NET version 6.0 software are already installed.



To use the software in a language other than English, you must transfer the language pack file from the Trimble Digital Fieldbook Software CD to the instrument.

To participate in the [Trimble Solution Improvement Program](#) , select *Trimble Digital Fieldbook Installation / Trimble Solution Improvement Program* from the *Trimble Digital Fieldbook Software CD*.

### **Upgrading from a previous version of the software from Trimble.com**

You can upgrade to the Trimble Digital Fieldbook software 7.01 from [http://www.trimble.com/digitalfieldbook\\_ts.asp?Nav=Collection-73673](http://www.trimble.com/digitalfieldbook_ts.asp?Nav=Collection-73673) . Use the web install instructions available from there.

### **Am I entitled to this version?**

Currently, every user has a standard 12-month warranty and is entitled to this update at no charge.

### **Trimble Solution Improvement Program**

The Trimble Solution Improvement Program collects information about how you use Trimble programs and about some of the problems you encounter. Trimble uses this information to improve the products and features you use most often, to help you to solve problems, and to better meet your needs. Participation in the program is strictly voluntary.

If you select to participate, a software program is installed on your computer. Every time that you connect your Trimble M3 total station to this computer using ActiveSync technology or the Windows Mobile Device Center, Trimble copies the log file generated by Trimble Digital Fieldbook. The log file is sent to our server automatically and we then parse it for usage information to create statistics about what our equipment is being used for, what software functions are popular in specific geographical regions, and how often problems occur that we can correct in our products. You can uninstall the program at any time.

The Trimble Solution Improvement Program can be installed during the upgrade of the Trimble Digital Fieldbook software or from the *Trimble Digital Fieldbook Software CD*.

### **Converting job and style files and transferring data after an upgrade**

During an upgrade, you can choose to save all files in \Trimble Data on the Trimble M3 total station to the office computer. Once you upgrade, you can transfer back onto the Trimble M3 total station any files that are compatible with the Trimble Digital Fieldbook software version 7.01.

The files are backed up in the following locations:

<b>Office computer operating system</b>	<b>Backup location</b>
Windows NT/2000/XP	C:\Documents and Settings\[user name]\Local Settings\Temp\[Trimble M3 total station serial number]
Windows Vista®	C:\Users\[user name]\AppData\Local\Temp\[Trimble M3 total station serial number]

To change the download folder, select *Browse*.

## Using Trimble Digital Fieldbook software version 7.01 with other Trimble products

Trimble Digital Fieldbook software version 7.01 communicates best with the software and hardware products shown in the following tables. The software can also communicate with any version later than that shown.

Trimble Software	Version
Trimble Geomatics Office	1.63
Trimble Business Center	2.40
Data Transfer	1.51

Trimble Instrument	Version
Trimble M3	1.10

### Updating office software

*Note* - If you have GPS Pathfinder® Office software version 2.51 or later installed, make sure that the Connection Manager utility is closed before you update the office software.

Before using Trimble Digital Fieldbook software with Trimble office software, update the office software. You can do this from:

- The *Trimble Digital Fieldbook Software CD*
- [http://www.trimble.com/digitalfieldbook\\_ts.asp?Nav=Collection-73680](http://www.trimble.com/digitalfieldbook_ts.asp?Nav=Collection-73680) and selecting *Update Office Software* from the main menu

The Trimble Digital Fieldbook software version 7.01 uses a version 10.7 DC file.

If you use Trimble Geomatics Office™ software, Trimble recommends that you update the Trimble Geomatics Office software from version 1.60 to 1.63. This option does not update versions of Trimble Geomatics Office that are earlier than version 1.60.

Trimble office software updates are available from [www.trimble.com](http://www.trimble.com).

## New Features

This section summarizes new features in the Trimble Digital Fieldbook software.

The Trimble M3 total station featuring the Trimble Digital Fieldbook software 7.01 on board is a new total station from Trimble providing mechanical simplicity built on proven Trimble workflows.

With Trimble DR technology, you can save time with single crew operations and fewer instrument setups. Reach reflectorless surfaces up to 300 m away with the speed and precision you need for fast results.

Lightweight and compact, the Trimble M3 total station is easy to take anywhere you need it. The solid

aluminum housing is weather resistant and rugged. For consistent operation in cold conditions, a winterized version is also available.

For more information about the features, refer to the *Trimble Digital Fieldbook Help*.

**Note** - The help is also available as a single file in Adobe Portable Document Format (PDF), from:

- [www.trimble.com/digitalfieldbook\\_ts.asp?Nav=Collection-73673](http://www.trimble.com/digitalfieldbook_ts.asp?Nav=Collection-73673)
- The *Trimble Digital Fieldbook Software CD*

You can view this file on an office computer, which enables you to search for a particular word or topic, or print.

## Known issues: Resolved in version 7.01

This section summarizes known issues that are resolved in the Trimble Digital Fieldbook software for the **Trimble M3 total station**.

**Trimble M3 total station laser plummet intensity:** The laser plummet intensity has been increased to improve visibility of the laser plummet in bright sunlight conditions.

**Collimation calibration parameter *HA correction*** is no longer set to 0.0 when the Trunnion calibration is skipped. Previously, the *HA correction* was set to 0.0 if the the Trunnion calibration was not completed after the collimation calibration.

The tangential correction is no longer displayed.

**Standard errors:** The Slope Distance standard error is no longer stored as meters. The error is now stored as mm.

**Tip** - Install the Trimble Solution Improvement Program when upgrading your controller. Trimble has identified and resolved several of these issues after receiving log files from customers.

## Other Information

### Microsoft ActiveSync technology issues

To install the Trimble Digital Fieldbook software and to transfer data files, you must connect the Trimble M3 total station to the computer using Microsoft ActiveSync technology version 4.5 or later, if you are running Microsoft Windows XP, or Microsoft Windows Mobile Device Center technology version 6.0 or later if you are running Microsoft Vista or Microsoft Windows 7.

ActiveSync and Windows Mobile Device Center are available from

<http://www.microsoft.com/windowsmobile/en-us/downloads/default.aspx>, however the Microsoft ActiveSync 4.5 installation is included on the *Trimble Digital Fieldbook Software CD*.

Microsoft Explorer and the Trimble Data Transfer utility may sometimes fail to find the folders and display files on the controller. This can occur if another Microsoft Explorer window had been left browsing to the

controller from a previous connection, or if the controller had been reset and a new connection made. To avoid this problem, make sure that you close all Microsoft Explorer windows before you disconnect the controller.

## Documentation

Trimble Digital Fieldbook Help is "context-sensitive." To access the Help:

- On a Trimble M3 total station, tap [ ? ] at the top of the screen.

A list of Help topics appears, with the relevant topic highlighted. To open the topic, tap its title.

The help is also available as a single file in Adobe Portable Document Format (PDF) from:

- [www.trimble.com/digitalfieldbook\\_ts.asp?Nav=Collection-73673](http://www.trimble.com/digitalfieldbook_ts.asp?Nav=Collection-73673)
- The *Trimble Digital Fieldbook Software CD*

You can view this file on an office computer, which enables you to search for a particular word or topic, or print.