Trimble M3 Simulator

Rev 1.0 25-Nov.-2005

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Index

1. Installation. 2

2. Start M3 Simulator 4

3. Finish M3 Simulator 4

4. How to use M3 Simulator 5

What is M3 Simulator ?

M3 Simulator simulates the environment of the Total Station Trimble M3 on the Windows based computer.
You can study the function of Trimble M3 application software without the instrument.

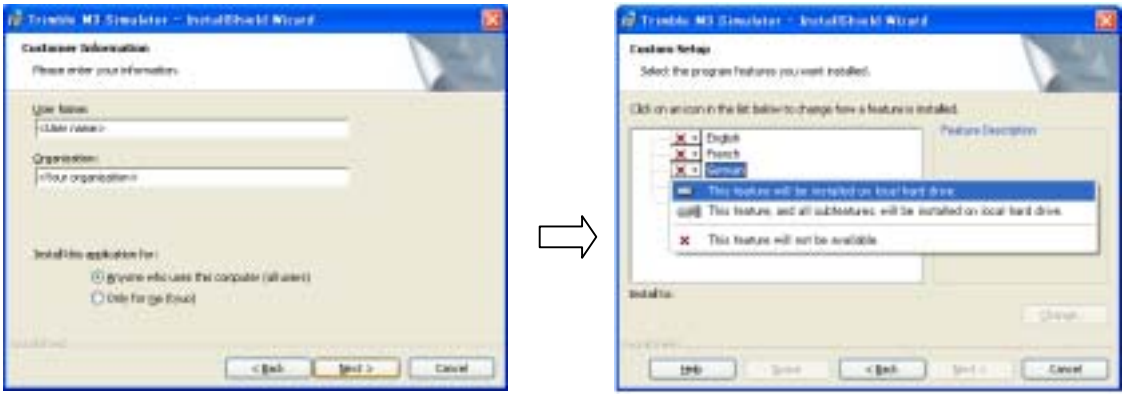
1. Installation.

- ***Install M3 Simulator***

1. Double click “Trimble_M3_Simulator_Vx.x.exe”. The Install Shield will start. Read whole of license agreement and select acceptance, then press Next button.



2. Input your name and organization, then press Next button. Select languages that you want to install in your PC from the selection list. Then press Next button.

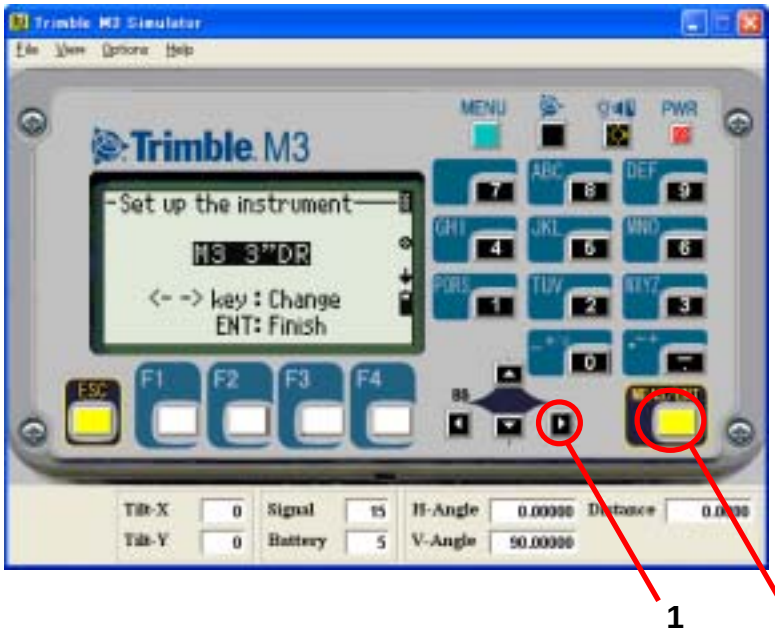


3. The installation starts. Press Finish button after completion.



- ***Setup the M3 simulator***

  After completion the installation, M3 simulator starts automatically.



1. Press key and select the type of instrument.
   (M3 3" DR or M3 5" DR)
2. Press key.
3. Press key to close the window.

2. Start M3 Simulator

You can see the Windows startup menu of "Trimble -> TrimbleM3 Simulator ->PreM3 -> *language"*



"Language" shows that you selected when installation the simulator.

Select the item of language which you want to start. Then the simulator will be started.



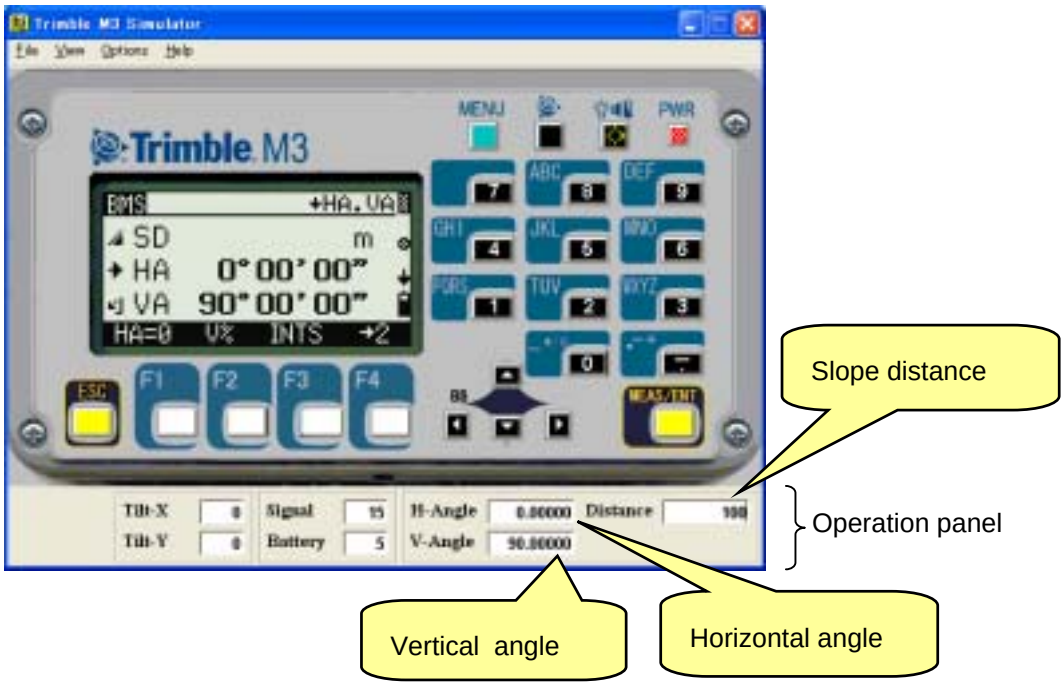
3. Finish M3 Simulator



1. Press 

key of "M3 Simulator" The power off screen show on the display.
2. Press  key.
3. Press  key to close the window.

4. How to use M3 Simulator



- ***Input distance/angle data.***

  The actual instrument measures three types of data (Horizontal angle, Vertical angle and Slope distance).

  These values are input by manually in the simulator.

1) Input angle data

Trimble M3 supports the method of four kinds of angle inputting.

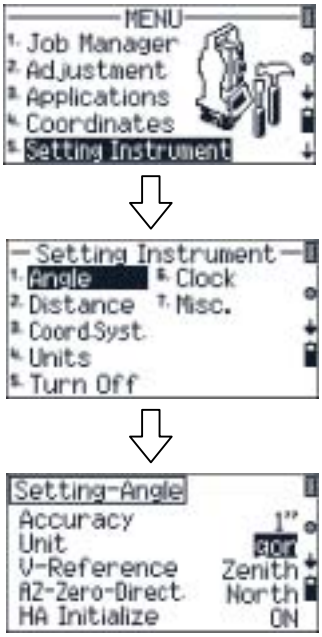


1. To change the method of angle input, press “Options” of Menu bar.
2. Select “Angle” -> “Unit” then chooses the angle unit that you want to select.

Note

- If the unit is selected DMS, please input as DDD.MMSSs style. For example, if you want to input an angle of 359°12'34”5, input 359.12345.

- You should match the unit setting of the simulator to the unit setting of the application program.



1. For example, if you want to use the angle unit as **gon**, you should change the simulator’s angle unit above-mentioned method first.

2. Then modify the Application’s unit from MENU -> 5.Setting Instrument -> 1.Angle -> Unit by using or key.

2) Input slope distance data

Slope distance is input with the meter unit. If you input as “123.4500”, it seems as 123.45m.

Please see the user manual of Trimble M3 for the application program.

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