HMI Troubleshooting series

TNE009-E

Calibrate touch screen for

PA2/PK2/PT2/IT4/PM2/

SPK2/SPT2/SIT4/SPM2

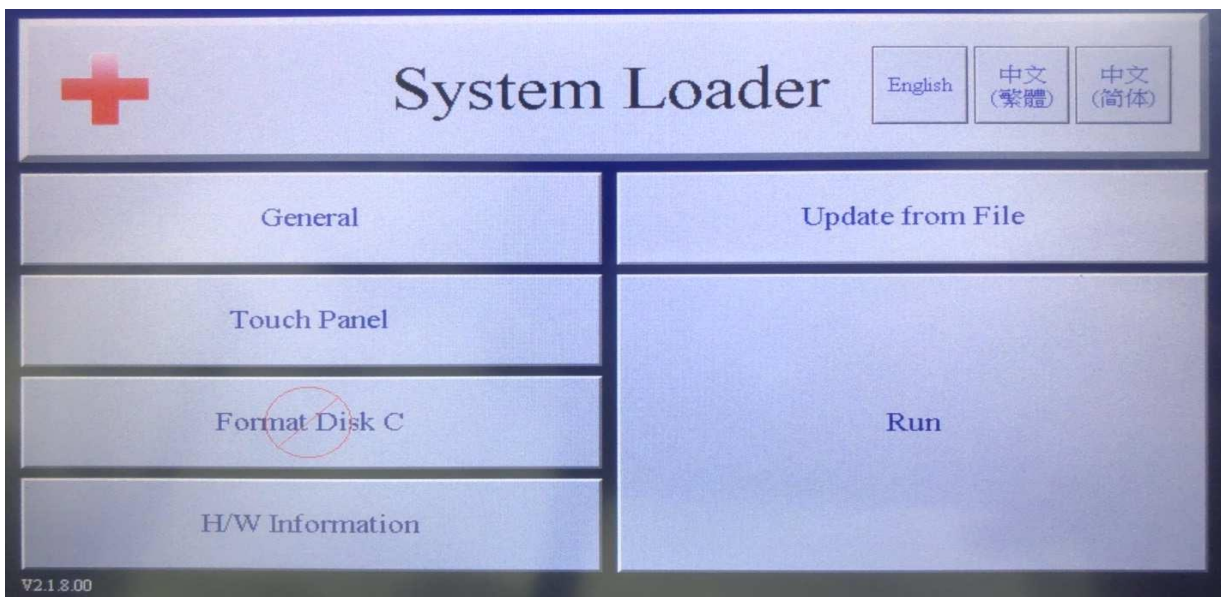www.cermate.com

Description:

On the 2nd generation HMI, when the touch screen malfunction, it's possible that the

parameters are damaged.

There are two solutions to resolve the problem.

A. Upgrade the BIOS (System Loader: V2.1.8.00)→The solution can be done at Cermate only.

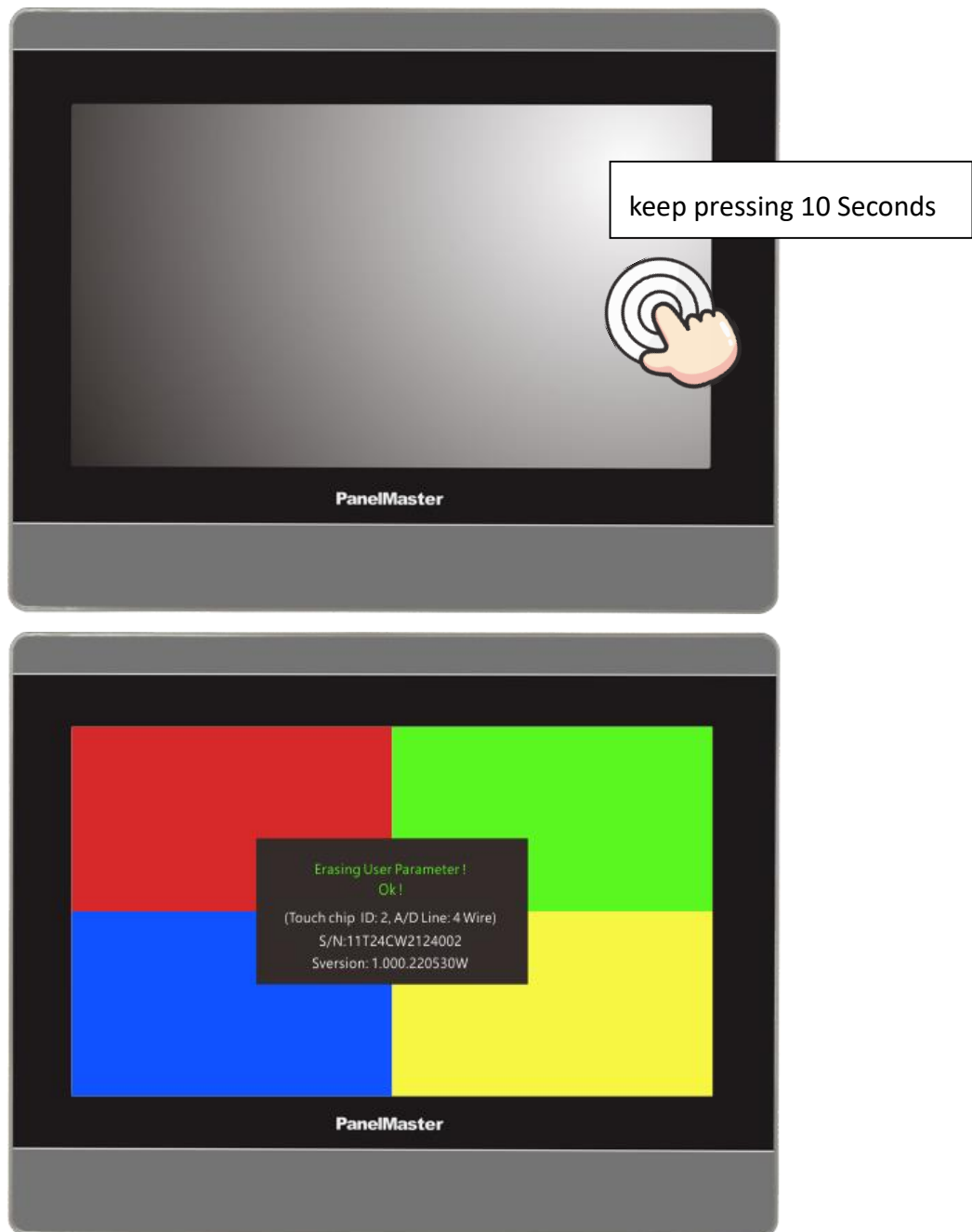B. Go to the HMI hardware BIOS system, clear the parameters, and calibrate the touch screen.
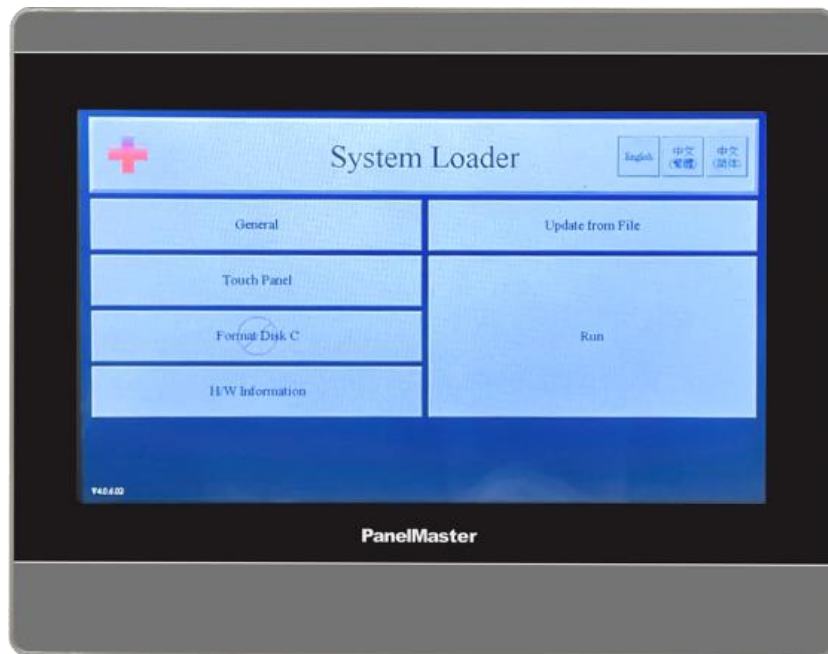
Please see the following SOP as sown below.

Steps:

1. Clear system parameters, including the touch function.

● Turn off the power. Press the center-right of the touch screen, then turn on the power and keep pressing for about 10 seconds until hearing a beep sound from the HMI.

After entering the touch calibration screen, the system will automatically clear the touch parameters and then return to the System loader.
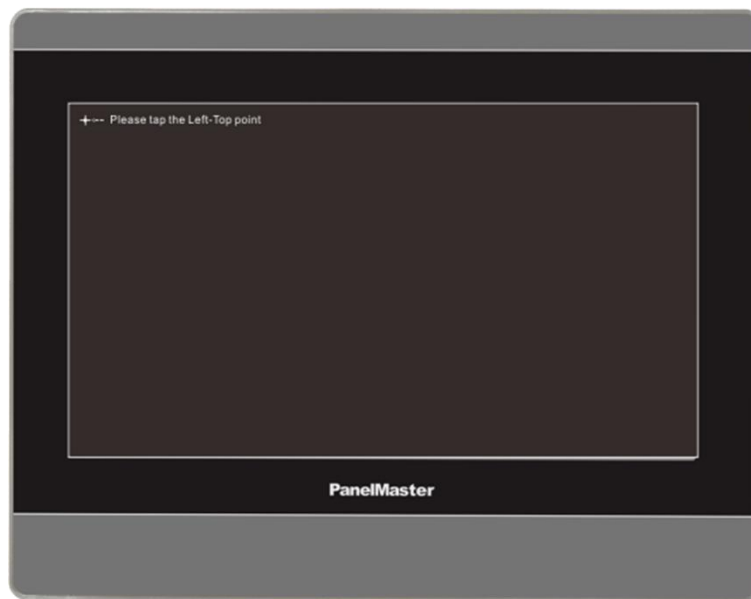
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2. Touch calibration:

- Turn off the power again. Press the center-top of the touch screen, then turn on the power and keep pressing the center for about 10 seconds until hearing a beep sound from the HMI.

keep pressing 10 Seconds

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- Calibrate borders: Enter the touch calibration system to adjust the touch screen. Press every point for at least 2 seconds with sequence accordingly.
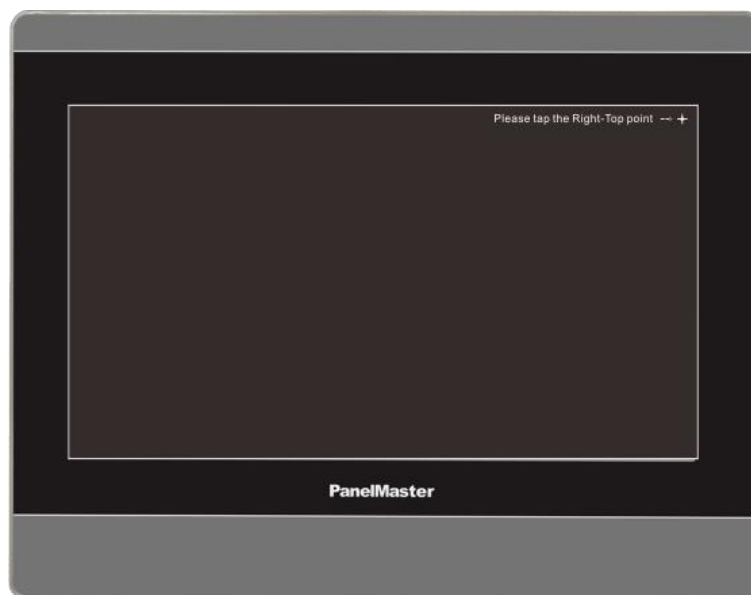
① Please tap the Left-Top point

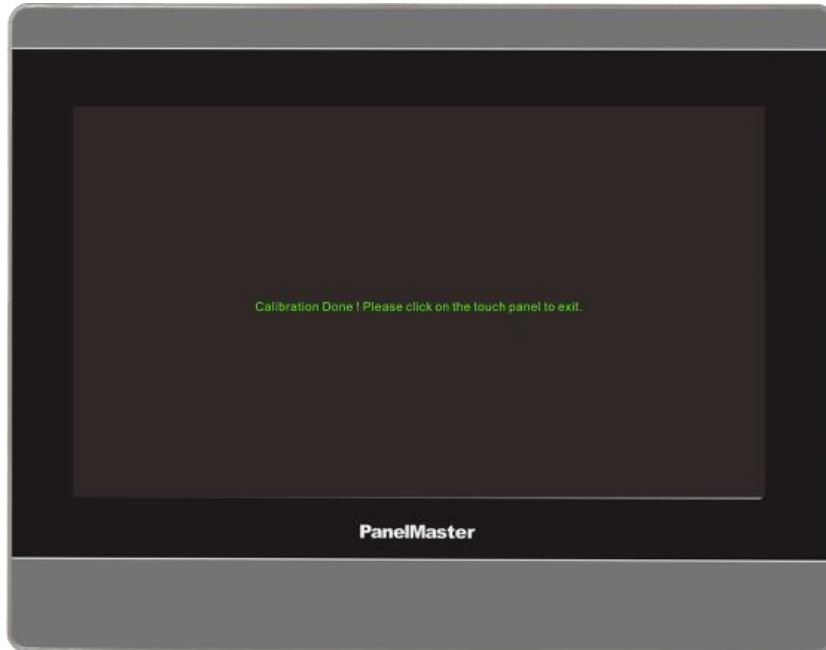② Please tap the Left- Bottom point

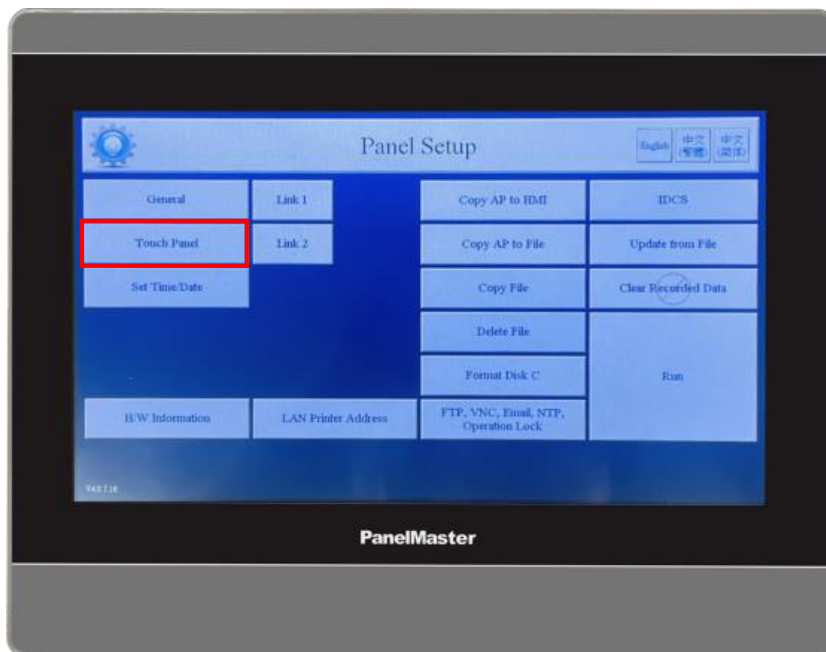www.cermate.com

③ Please tap the Right-Bottom point

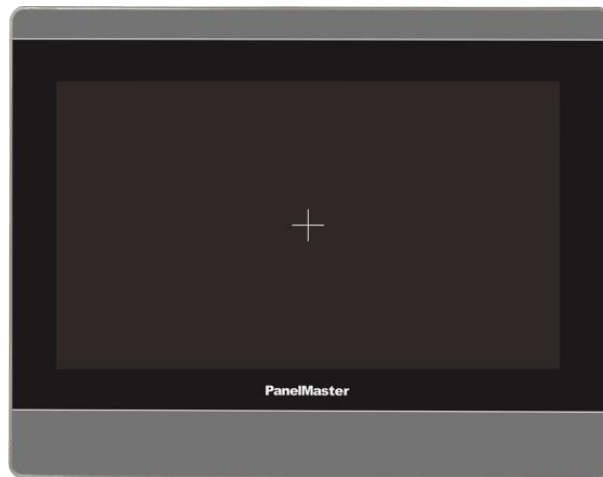④ Please tap the Right-Top point

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- Calibrate touch function: After finishing calibrating borders, the system will show the calibration Done screen; please press on the touch panel to exit
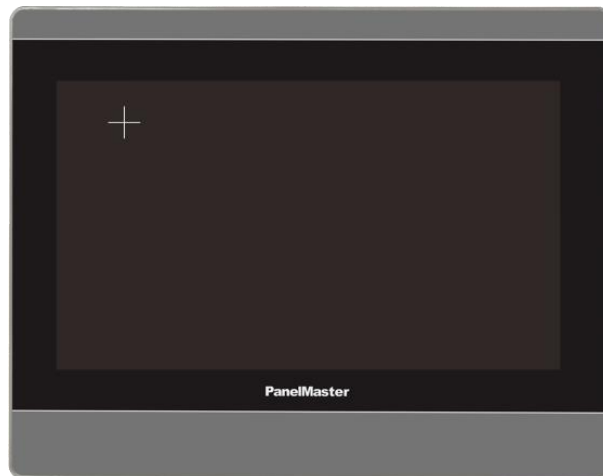

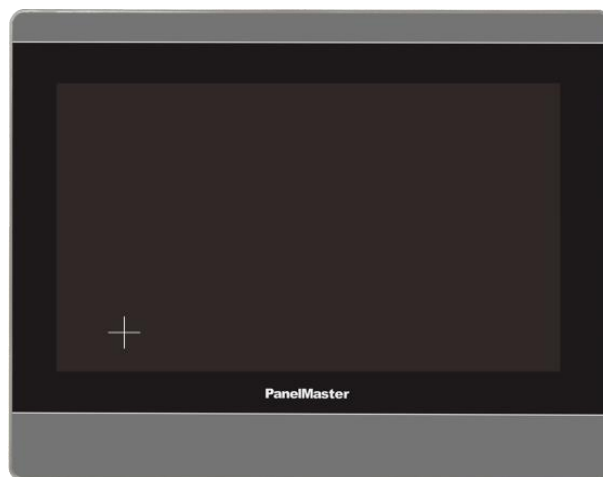Touch the screen (any area) to see the Panel Setup screen.

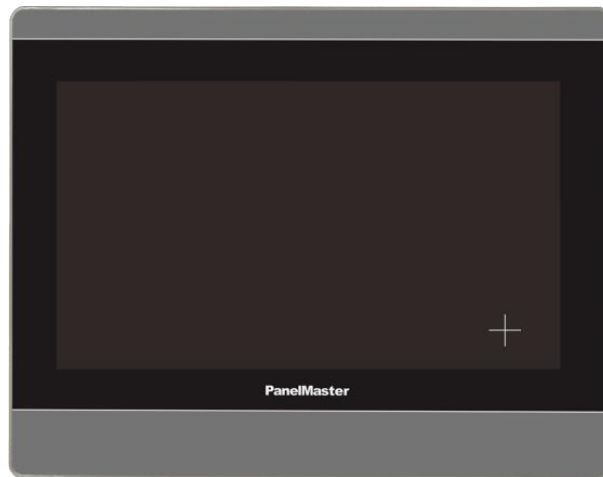Press the "touch panel" to calibrate the touch function.
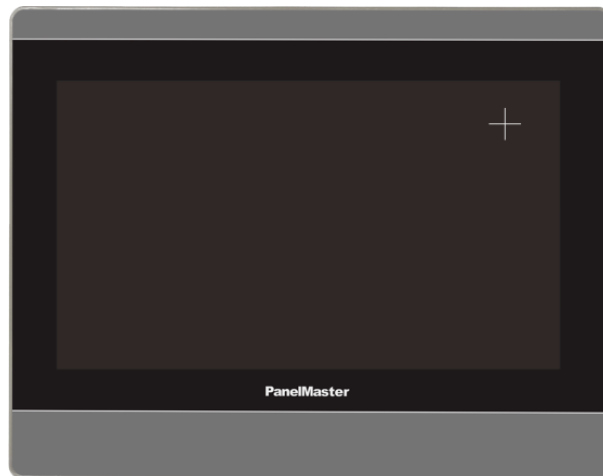
Click on the center point for 1 second
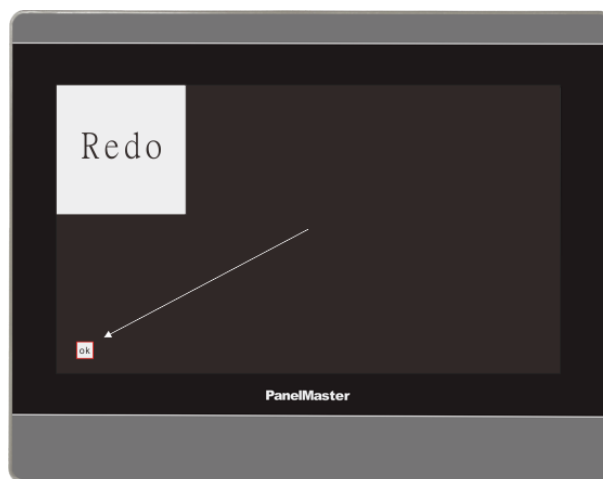

Click on the left-top point for 1 second

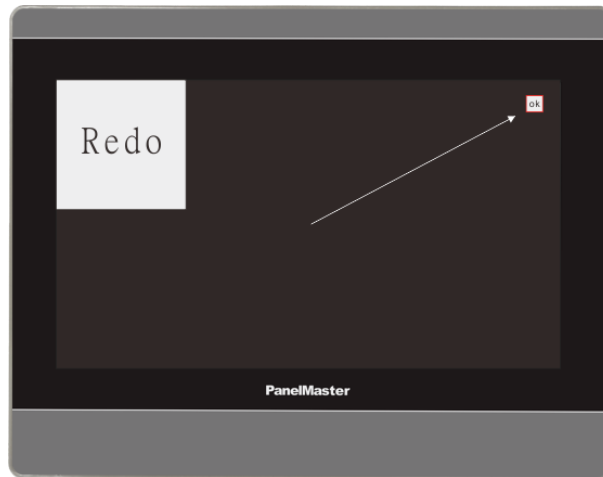Click on the left-bottom point for 1 second

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Click on the right-bottom point for 1 second

Click on the right-top point for 1 second

Click the OK button in the lower left corner

Click the OK button in the upper right corner

Finally, click the center OK button to complete the touch calibration.

Technical Support Information

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